

University of North Florida

University of North Florida 2025-2026 Catalog

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About UNF

The University of North Florida

Located in Jacksonville, Florida, halfway between downtown and the beach, the University of North Florida is the ideal backdrop for learning. UNF is one of 12 public universities in Florida, the No. 1 state for higher education as ranked by U.S. News & World Report. It is a destination for visionary minds — fostering innovation and progress through purpose-driven research, community support and a collaborative spirit that fuels prosperity. The University is home to six exceptional colleges: the Brooks College of Health, the Coggin College of Business, the College of Arts and Sciences, the College of Computing, Engineering and Construction, the Silverfield College of Education and Human Services and the Hicks Honors College.

A Campus That Inspires



Surrounded by nature, UNF's 1,381-acre campus boasts a stunning nature preserve, miles of hiking trails and peaceful lakes perfect for kayaking and canoeing. UNF also owns 1,050 acres of pristine wetlands on the Intracoastal Waterway just a few miles away, offering broad opportunities for research and exploration.

UNF's welcoming campus is a home away from home for students. With more than 200 clubs including nearly 30 fraternities and sororities, intramural and club sports, 19 Athletic teams and dynamic events, the University provides a vibrant campus life with countless ways to get involved and build connections.

Leading with Quality and Innovation

UNF consistently earns high praise for quality and value, recognized on U.S. News & World Report's Best Colleges list in multiple categories. Achievements such as "Top Public School" and "Top Performer in Social Mobility" highlight UNF's commitment to opportunity and student success. The University also shines online, ranking among the nation's top 25 "Best Online Programs."

UNF's forward momentum is underscored by its prestigious R2 Doctoral University High Research Activity status and groundbreaking research in areas like health, logistics and coastal sciences. Meanwhile, the Coggin College of Business has been one of The Princeton Review's Best Business Schools for 16 consecutive years. These accolades affirm UNF's role as a leader in academic excellence.

A Community Built for Success

UNF offers 69 bachelor's degrees with 83 areas of concentration, 45 master's degrees with 96 areas of concentration, and eight doctoral programs with five areas of concentration — giving students lots of options for areas of study, many in high-demand fields. With top faculty and a supportive staff, UNF empowers students to pursue their passions and achieve success. The University also prioritizes giving students meaningful experiences that will help them prepare for the future. Experiential learning is a given at UNF, and starting with the Fall 2025 freshman class, every student will graduate with a transformational learning experience, like an internship, study abroad, research project or leadership opportunity. The experiences not only provide students with valuable knowledge in their fields, but also connections that often lead to jobs. It is one of the reasons UNF is #1 among Florida's state schools with the highest percentage of bachelor's graduates employed in the state.

About UNF

Mission and Vision

Mission Statement

At the University of North Florida, we ignite a passion for learning and discovery through transformational education in a supportive environment that leads students to rewarding careers and lifelong success. Our beautiful campus is a hub for talent development, relevant research and community engagement, where we enrich lives and fuel the economic and overall prosperity of Northeast Florida and beyond.

Vision Statement

The University of North Florida will be the destination of choice for talent and for public and private investment.

Values

Our values are what bind us together. It is what we hold dear as an institution, what we aspire to be and what we expect of one another. Our values are what attract students, faculty and staff to our campus. They reflect how we impact our community, and more importantly, why we do what we do. Our values represent our character as an institution — and as individuals. Our values are who we are.

Accountability | Integrity | Excellence | Civility | Culture of Care

Institutional Aspirations:

The University of North Florida will become a Top 100 Public University as ranked in U.S. News & World Report by 2028.

The University of North Florida will strategically grow to an enrollment of 25,000 students by 2028.

View UNF's Strategic Plan for 2023-28.

About UNF

Board Members

Florida Board of Governors

The Board of Governors is comprised of seventeen members, fourteen of whom are appointed by the Florida Governor and confirmed by the Florida Senate for a term of seven years. The remaining members include the Chair of the Advisory Council of Faculty Senates, the Commissioner of Education, and the Chair of the Florida Student Association. The Board oversees the operation and management of the Florida public university system's twelve institutions.

Please visit the Florida Board of Governor's Members website for more information.

University Board of Trustees

Each of the 12 state universities has a 13-member Board of Trustees, responsible for cost-effective policy, implementing and maintaining high-quality education programs consistent with the university's mission, performance evaluation, and developing a process, meeting state policy, budgeting, and education standards. Members of the boards of trustees shall receive no compensation but may be reimbursed for travel and per diem expenses.

Members are appointed by the Governor (six citizen members) and by the Board of Governors (five citizen members). These 11 appoints are subject to confirmation by the Senate. The remaining two members are the chair of the faculty senate or the equivalent; and the president of the student body of the university. The appointed members shall serve staggered five-year terms. There shall be no state residency requirement for university board members, but the Governor and the Board of Governors shall consider diversity and regional representation.

Please visit the Board of Trustees website which includes information on the Current Board Member Terms of Office.

About UNF

University Officers

Moez Limayem, Ph.D. (University of Minnesota) President

Scott Bennett, B.S. (Florida State University) Vice President of Administration and Finance

Heather Duncan, B.S. (University of Southern Mississippi) Vice President of Government and Community Relations

Paul Eason, Ph.D. (University of Florida) Vice President of Strategy and Innovation and Director of the Materials Science and Engineering Research Facility (MSERF)

Andrea Jones, B.A. (University of Georgia) Vice President of Marketing and Communications

Teresa Nichols, CFRE Vice President of University Development and Alumni Engagement and Executive Director, University of North Florida Foundation, Inc.

Karen B. Patterson, Ph.D. (Kent State University) Provost and Vice President for Academic and Student Affairs

Karen J. Stone, J.D. (University of Florida) Vice President, General Counsel

Brian Verkamp, **Ed.D.** (University of North Florida) Vice President and Chief Information Officer

Richmond Wynn, Ph.D. (University of Florida) Vice President of Community Engagement and Partnerships

About UNF

University Emeriti Faculty

A

Afesa M. Adams, Ph.D. (University of Utah) Professor Emerita of Psychology

Ronald J. Adams, Ph.D. (University of Georgia) Professor Emeritus of Marketing

James Alderman, M.S.L.S. (Florida State University) M.A. (University of North Florida) University Librarian Emeritus

John E. Anderson, Ph.D. (Harvard University) Associate Lecturer Emeritus, Physics

Faiz Al-Rubaee, Ph.D. (New York University/Courant Institute) Associate Professor Emeritus of Mathematics

B

H. Eugene Baker III, Ph.D. (University of Florida) Professor Emeritus of Management

Marianne B. Barnes, Ph.D. (University of Texas) Professor Emerita of Foundations and Secondary Education (Science Education)

Mary K. Baron, Ph.D. (University of Illinois) Professor Emerita of English

Homer L. Bates, Ph.D. (University of Illinois) CPA, Professor, Accounting and Finance (Accounting) (deceased)

Cynthia Battie O'Sullivan, Ph.D. (University of California, Los Angeles) Professor Emerita, Public Health

Timothy Bell, Ph.D. (Oklahoma State University) Professor Emeritus of Accounting and Finance (Accounting)

Richard Bizot, Ph.D. (University of Virginia) Professor Emeritus of English; Distinguished Professor

Kathaleen C. Bloom, Ph.D. (University of Florida) Professor Emerita of Nursing

Robert Bohle, Ph.D. (University of Tennessee) Professor Emeritus of Communication

Lenard C. Bowie, D.M.A. (Yale University) Professor Emeritus of Music (deceased)

Ray Bowman, Ph.D. (California Institute of Technology) Professor Emeritus of Chemistry

Eileen D. Brady, MS (Florida State University) University Librarian Emerita

Gordon R. Brock, D.M.A. (University of Colorado, Boulder) Professor Emeritus of Music

Christopher J. Brown, Ph.D. (University of Florida) Professor Emeritus of Engineering

Louise Freshman Brown, M.F.A. (Syracuse University) Professor Emerita, Painting/Drawing, Distinguished Professor, 2007

John M. Browning, Ph.D. (University of Georgia) Professor Emeritus of Marketing

Andrew J. Buchwalter, Ph.D. (Boston University) Presidential Professor, Professor Emeritus of Philosophy

Joseph A. Butler, Ph.D. (Ohio State University) Professor Emeritus of Biology

C

William H. Caldwell, Ph.D. (Rutgers University) Professor Emeritus of Mathematics (deceased)

Charles H. Calhoun, Ph.D. (Florida State University) Professor Emeritus of Accounting

Henry J. Camp, Ph.D. (University of Nebraska) Professor Emeritus of Sociology (deceased)

Thomas G. Carpenter, Ph.D. (University of Florida) President Emeritus

Pamela S. Chally, Ph.D., R.N. (Georgia State University) Professor Emerita of Nursing and Dean Emerita; Distinguished Professor

Catherine Christie, Ph.D. (Florida State University) Distinguished Professor, Associate Dean and Professor Emerita, Nutrition and Dietetics

Yap Siong Chua, Ph.D. (SUNY Stony Brook) Professor Emeritus of Computer Science

Paul G. Clark, Ph.D. (Virginia Commonwealth University) Associate Professor Emeritus of Social Work

Dale L. Clifford, Ph.D. (University of Tennessee - Knoxville) Associate Professor Emerita, History

Robert Cocanougher, MFA (Syracuse University) Professor Emeritus, Art and Design

Kathleen F. Cohen, M.S.L.S. (Florida State University) University Librarian Emerita

Frederick M. Cole, Ed.D. (University of Florida) Professor Emeritus of Accounting

Sally A. Coltrin, Ph.D. (University of Missouri) Professor Emerita of Management

Jeffrey W. Cornett, Ph.D. (Ohio State University) Professor and Chair Emeritus, Foundations and Secondary Education (Educational Policy and Leadership)

George W. Corrick, Ed.D. (University of Florida) Associate Professor Emeritus of Education

Neal S. Coulter, Ph.D. (Georgia Institute of Technology) Professor Emeritus of Computing and Dean Emeritus, College of Computing, Engineering and Construction

David T. Courtwright, Ph.D. (Rice University) Presidential Professor Emeritus, History; Distinguished Professor, 1998

James B. Crooks, Ph.D. (Johns Hopkins University) Professor Emeritus of History; Distinguished Professor

Cynthia Cummings, Ed.D., R.N. (University of North Florida), Professor Emerita of Nursing

D

Mary Elizabeth D'Zamko, Ed.D. (University of Florida) Professor Emerita of Education

William R. Dally, Ph.D. (University of Florida) Professor Emeritus of Engineering

John A. Delaney, JD (University of Florida) President Emeritus

Nofa Dixon, M.F.A. (Virginia Commonwealth University) Associate Professor Emerita, Art and Design (Art)

E

Paul Eggen, Ph.D. (Oregon State University) Professor Emeritus of Education

Roger E. Eggen, Ph.D. (University of Missouri-Rolla) Professor Emeritus of Computing

Adel I. El-Ansary, Ph.D. (Ohio State University) Professor Emeritus of Marketing, Donna Harper Professor of Marketing

F

Gary R. Fane, Ph.D. (University of Florida) Professor Emeritus of Management

Andrew Farkas, M.L.S. (University of California - Berkeley) Director Emeritus, University Library; Distinguished Professor

Joan Farrell, Ph.D. (SUNY Buffalo) Dean Emerita, Brooks College of Health (deceased)

Jorge Febles, Ph.D. (University of Iowa) Professor Emeritus, Languages, Literatures and Cultures (Spanish)

Betty M. Flinchum, Ph.D. (Louisiana State University) Professor Emerita of Curriculum and Instruction

Linda Foley, Ph.D. (University of Florida) Professor Emerita of Psychology (deceased)

Patricia Foster, EdD (University of Florida) Associate Professor and Chair Emeritus of Nursing (deceased)

Robert Frankel, Ph.D. (Michigan State University) Professor Emeritus of Marketing and Logistics

Cheryl J. Frohlich, Ph.D. (University of Illinois) Professor Emerita, Accounting and Finance (Finance)

Jack S. Funkhouser, M.M. (Vanderbilt-Peabody) Director Emeritus of Instructional Communications (deceased)

Elizabeth L. Furdell, Ph.D. (Kent State University) Professor Emerita, Department of History; Distinguished Professor (deceased)

G

Charles M. Galloway, Ed.D. (University of Florida) Professor Emeritus of Educational Leadership (deceased)

James L. Garner, Ph.D. (Ohio State University) Professor Emeritus of Physics

Dennis L. Gay, Ph.D. (Florida State University) Associate Professor Emeritus, Department of Physics

Mauricio Gonzalez, Ph.D. (Florida State University) Professor Emeritus (Affiliate Appointment), Leadership, School Counseling and Sports Management

Vernice "Bunky" Green, MM (Northwestern University) Professor Emeritus, Music and Director Emeritus of the Jazz Studies Program (deceased)

Mary L. Grimes, Ph.D. (University of Florida) Professor Emerita of Education

Richard E. Gropper, Ed.D. (Florida International University) Athletic Director Emeritus

Sandra L. Gupton, Ed.D. (University of North Carolina/Greensboro) Professor Emerita of Educational Leadership

Bruce Gutknecht, Ed.D. (Wayne State University) Professor Emeritus of Childhood Education

H

Courtney Hackney, Ph.D. (Mississippi State University) Professor Emeritus, Biology

Jerome Hallan, Dr.P.H. (University of North Carolina) Professor Emeritus of Health Science

Shirley Hallblade, Ph.D. (University of Iowa) Dean Emerita and University Librarian Emerita

Gary L. Harmon, Ph.D. (Indiana University) Professor Emeritus of English; Founding Chair (Department of Language and Literature)

Craig Harms, Ph.D. (Ohio State University) Associate Professor Emeritus of Management

Wanda B. Hedrick, Ph.D. (University of North Carolina - Chapel Hill) Professor Emerita, Childhood Education (Literacy Education)

John M. Hein, M.S.L.S. (Wayne State University) University Librarian Emeritus

William G. Herrold, Jr., Ed.D. (Brigham Young University) Professor Emeritus of Curriculum and Instruction

Barbara A. Hetrick, Ph.D. (Oregon State University) Dean Emerita, College of Arts and Sciences; Professor Emerita, Biology (deceased)

Christine Holland, Ed.D. (University of North Florida) Associate Instructor Emerita of Communication Studies

Dennis M. Holt, Ph.D. (Ohio State University) Professor Emeritus of Foundations and Secondary Education

Anne H. Hopkins, Ph.D. (Syracuse University) Professor Emerita, Political Science (deceased)

Paula Horvath, Ph.D. (University of Florida) Associate Instructor Emerita, Communication (Journalism)

M. Catherine Hough, Ph.D. (Florida State University) R.N., Associate Professor Emerita of Nursing

Jay S. Huebner, Ph.D. (University of California - Riverside) Professor Emeritus of Physics (deceased)

Jack T. Humphries, Ph.D. (University of Florida) Professor Emeritus of Physics

I

Iver H. Iversen, Ph.D. (University of Copenhagen) Professor Emeritus, Department of Psychology

J

E. Newton Jackson, Ph.D. (University of New Mexico) Professor Emeritus, Leadership, School Counseling and Sports Management

Edward Johnson, Ph.D. (Michigan State University) Professor Emeritus of Management

Marnie C. Jones, Ph.D. (Northwestern University) Professor Emerita, English

Robert P. Jones, M.S.L.S. (Florida State University) University Librarian Emeritus

K

Paul Karabinis, M.F.A. (University of Florida) M.A. (Boston University) Associate Professor Emeritus, Art, Art History, and Design (Photography and History of Photography)

Jerzy J. Karylowski, Ph.D. (University of Warsaw) Professor Emeritus, Psychology, Distinguished Professor

C. Bruce Kavan, Ph.D. (University of Georgia) Professor Emeritus of Management

Ronald F. Kephart, Ph.D. (University of Florida) Associate Professor Emeritus of Anthropology

A. Samuel Kimball, Ph.D. (University of Florida) Professor Emeritus of English

A. David Kline, Ph.D. (University of Wisconsin - Madison) Professor Emeritus of Philosophy

Barbara Kruger, Ph.D. (University of Florida) R.N., Associate Professor Emerita of Nursing

L

Kenneth K. Laali, Ph.D. (University of Manchester) Presidential Professor Emeritus of Chemistry

Marcia Ladendorff, M.A. (University of North Florida) Associate Instructor Emerita, Communication

Paul E. Ladnier, M.F.A. (Syracuse University) Associate Professor Emeritus, Department of Art and Design (Painting/Drawing/Illustration)

Roy L. Lassiter Jr., Ph.D. (University of Florida) Vice President Emeritus (deceased)

Michael R. Lentz, Ph.D. (University of Alabama at Birmingham) Associate Professor Emeritus of Biology

Thomas M. Leonard, Ph.D. (American University) Professor, Emeritus of History; Distinguished Professor

Christopher T. Leone, Ph.D. (University of Georgia) Professor Emeritus, Psychology

Ronald T. Libby, Ph.D. (University of Washington) Professor Emeritus of Political Science

Leonard J. Lipkin, Ph.D. (University of Michigan) Professor Emeritus of Mathematics; Distinguished Professor

Mary Lundy, DPT (University of Michigan) Associate Professor Emerita of Physical Therapy

Marsha H. Lupi, Ed.D. (Teachers College, Columbia University) Associate Professor Emerita of Teacher Education

M

Charlotte N. Mabrey, M.M. (University of Illinois) Professor Emerita of Music; Distinguished Professor, 2001

John B. MacArthur, Ph.D. (University of Wales, U.K.) FCCA, Professor Emeritus of Accounting and Finance

Jane MacGibbon, Ph.D. (University of Cambridge) Associate Professor Emerita, Astrophysics

John C. Maraldo, Ph.D. (University of Munich) Professor Emeritus of Philosophy

Rebecca A. Marcon, Ph.D. (Louisiana State University) Professor Emerita, Psychology

Kenneth E. Martin, Ph.D. (University of Notre Dame) Professor Emeritus of Computing, Founding Director Emeritus

Paul M. Mason, Ph.D. (University of Texas) Professor Emeritus of Economics

John P. McAllister, Ph.D. (Pennsylvania State University) Professor Emeritus of Accounting

Frank S. McLaughlin, Ph.D. (University of Florida) Professor Emeritus of Management and Quantitative Methods; Distinguished Professor (deceased)

Jeffrey E. Michelman, Ph.D. (University of Wisconsin) Professor Emeritus of Accounting

Donna L. Mohr, Ph.D. (Princeton University) Professor Emerita, Statistics

David G. Moore, Ph.D. (University of Chicago) Professor Emeritus of Management

Debra L. Murphy, Ph.D. (Boston University) Professor Emerita of Art History

N

JoAnn Nolin, J.D., R.N. (University of Florida) Associate Professor Emerita of Health Administration

O

Barbara J. Olinzock, Ed.D. (University of North Florida) R.N., Associate Professor Emerita, Nursing

Ronghua (John) Ouyang, Ed.D. (Indiana University of Pennsylvania) Professor Emeritus, Childhood Education

Charles E. Owens, Ed.D. (University of New Mexico) Professor, Professor Emeritus of Criminology and Criminal Justice

P

James M. Parrish, Ph.D. (University of North Carolina-Chapel Hill) Dean Emeritus, College of Business Administration

Jeanne B. Patterson, Ed.D. (Montana State University) Professor Emerita of Public Health (Rehabilitation Counseling)

Oscar Patterson, Ph.D. (University of Tennessee) Professor Emeritus of Communication

Steven K. Paulson, Ph.D. (Iowa State University) Professor Emeritus of Management

Judy Perkin, DrPH (University of Texas Health Science Center) Professor Emerita of Nutrition and Dietetics

Joseph M. Perry, Ph.D. (Northwestern University) Professor Emeritus of Economics

Robert C. Pickhardt, D.B.A. (Indiana University) Professor Emeritus of Management and Quantitative Methods

J. Patrick Plumlee, Ph.D. (Rice University) Associate Professor Emeritus, Political Science and Public Administration

William Prince, D.M. (University of Miami) Professor Emeritus of Music

Theophilus C. Prousis, Ph.D. (University of Minnesota) Professor Emeritus of History; Distinguished Professor, 2006

R

Doreen Radjenovic, Ph.D. (University of Florida) A.R.N.P., B.C., Associate Professor Emerita, Nursing

V. Lynne Raiser, Ed.D. (University of Florida) Professor Emerita of Special Education

Christine Rasche, Ph.D. (Washington University) Associate Professor Emerita of Criminology (deceased)

Don Resio, Ph.D. (University of Virginia) Professor Emeritus of Engineering

William Roach, M.A. (University of Georgia) Professor Emeritus of Communication

Katherine Robinson, Ph.D. (University of Florida) R.N., CCNS, Associate Professor Emerita of Nursing

Judith C. Rodriguez, Ph.D. (Rutgers University) Professor and Chair Emerita, Nutrition and Dietetics; Distinguished Professor

Robert F. Roggio, Ph.D. (Auburn University) Professor Emeritus of Computing

Sidney B. Rosenberg, Ph.D. (Georgia State University) Associate Professor Emeritus, Accounting and Finance (Real Estate)

Connie Roush, Ph.D. (University of Washington) R.N., Associate Professor Emerita, Nursing

Samuel E. Russell, Ed.D. (University of Pennsylvania) Professor Emeritus of Education

S

Otilia L. Salmón, Ph.D. (University of Florida) Associate Professor Emerita, Childhood Education (Foundations and Secondary Education - ESOL/Multicultural Education)

Lowell M. Salter, Ph.D. (University of Arkansas) Professor Emeritus of Marketing (deceased)

A. Coskun Samli, Ph.D. (Michigan State University) Professor Emeritus, Marketing

Daniel Schafer, Ph.D. (University of Minnesota) Professor Emeritus of History; Distinguished Professor

Elinor A. Scheirer, Ph.D. (Ohio State University) Professor Emerita of Curriculum and Leadership

David Schwam-Baird, Ph.D. (Tulane University) Associate Professor Emeritus of Political Science

Shira Schwam-Baird, Ph.D. (Tulane University) Professor Emerita of French

Renee S. Scott, Ph.D. (University of California-Berkeley) Professor Emerita, Languages, Literatures and Culture (Spanish)

Pali Sen, Ph.D. (Ohio State University) Professor Emerita, Statistics

Thomas S. Serwatka, Ph.D. (Kent State University) Professor Emeritus, Exceptional Student and Deaf Education (Deaf Education) (deceased)

Behrooz Seyed-Abbassi, Ph.D. (University of Oklahoma) Associate Professor Emeritus, Computing

Stephen L. Shapiro, Ph.D. (University of South Carolina) Professor Emeritus of Economics

Sherry Shaw, Ed.D. (University of Memphis) Munoz Presidential Professor and Professor Emerita, ASL/English Interpreting

Robert M. Siudzinski, Ph.D. (Arizona State University) Professor Emeritus of Special Education

William Slaughter, Ph.D. (Purdue University) Professor Emeritus of English; Distinguished Professor

G. Pritchy Smith, Ed.D. (University of North Texas) Professor Emeritus, Foundations and Secondary Education

Kelly J. Smith, Ph.D. (Rutgers University) Associate Professor Emerita of Biology

Judith L. Solano, Ph.D. (Florida State University) Associate Professor Emerita, Computing

Jeffrey W. Steagall, Ph.D. (University of Wisconsin) Professor Emeritus of Economics

Carolyn B. Stone, Ed.D. (University of Florida) Professor Emerita of Counselor Education

Harriet A. Stranahan, Ph.D. (University of Washington) Professor Emerita, Economics

T

Henry B. Thomas, DPA (University of Southern California), Associate Professor Emeritus, Public Administration

Robert L. Thunen, Ph.D. (Northwestern University) Associate Professor Emeritus, Anthropology

E. Allen Tilley, Ph.D. (University of Iowa) Professor Emeritus of English; Distinguished Professor

Michael P Toglia, Ph.D. (University of Colorado) Professor Emeritus of Psychology

William H. Tomlinson, Ph.D. (American University) Professor Emeritus of Management

Earle C. Traynham, Ph.D. (University of South Carolina) Professor Emeritus of Economics, Dean Emeritus of the Coggin College of Business

Lucy B. Trice, Ph.D. (Texas Woman's University) A.R.N.P., B.C., Director Emerita, School of Nursing

U

Susana Urbina, Ph.D. (Fordham University) Professor Emerita of Psychology

V

Reza Vaghefi, Ph.D. (Michigan State University) Professor Emeritus of Management

Simin B. Vaghefi, Ph.D. (Michigan State University) Associate Professor Emerita of Nutrition

Royal W. VanHorn, Ph.D. (University of Nebraska) Professor Emeritus of Foundations and Secondary Education

K.S. Venkatasubban, Ph.D. (University of Kansas) Professor Emeritus of Chemistry (deceased)

John J. Venn, Ph.D. (University of Florida) Professor Emeritus, Exceptional Student and Deaf Education

W

Debra Wagner, Ph.D. (Barry University) A.R.N.P., C.N.M., Associate Professor Emerita of Nursing

Ellen Wagner, Ph.D. (University of Colorado) Associate Professor Emerita of Philosophy

Kristine Webb, Ph.D. (University of New Mexico) Distinguished Professor Emerita, Exceptional Student and Deaf Education

Ellis F. White, Ed.D. (New York University) Dean Emeritus, College of Education and Human Services

C. Donald Wiggins, D.B.A. (Louisiana Tech University) CPA, Professor Emeritus of Finance

Kenneth T. Wilburn, Ph.D. (Florida State University) Associate Professor, Leadership, School Counseling and Sports Management (Educational Leadership)

Sharon T. Wilburn, Ph.D. (University of Florida) Professor Emerita, Public Health, Clinical Mental Health Counseling

Carolyn Williams, Ph.D. (University of California at Los Angeles) Associate Professor Emerita of History (deceased)

Steven A. Williamson, Ph.D. (Memphis State University) Professor Emeritus of Management

William J. Wilson, Ph.D. (Texas A&M University) Professor Emeritus of Statistics; Distinguished Professor (deceased)

Charles N. Winton, Ph.D. (University of North Carolina-Chapel Hill) Professor Emeritus of Computing

Peter Wludyka, Ph.D. (Clemson University) Professor Emeritus of Statistics

Louis A. Woods, Ph.D. (University of North Carolina at Chapel Hill) Professor Emeritus, Economics and Geography (Economics and Geography) (deceased)

Mark E. Workman, Ph.D. (University of Pennsylvania) Professor Emeritus (Provost, Chair, English, Folklore, Honors College Fellow)

Y

Gerson Yessin, Mus.D. (Florida State University) Professor Emeritus and Founding Chair, School of Music Distinguished Professor

University Faculty

A

Juan Aceros, Ph.D. (Northeastern University) Associate Professor, Electrical Engineering

Parvez Ahmed, Ph.D. (University of Texas at Arlington) Professor, Accounting and Finance (Finance)

Sanjay P. Ahuja, Ph.D. (University of Louisville) Professor, Computing

Cigdem Akan, Ph.D. (University of South Florida) Associate Professor, Engineering (Civil)

Barry Albright, Ph.D. (University of California, Riverside), Associate Lecturer, Physics

Tracy Alloway, Ph.D. (The University of Edinburgh) Professor, Psychology

Fnu Amrita, Ph.D. (Indian Institute of Technology) Instructor, Management

Lian An, Ph.D. (University of Kentucky) Professor, Economics and Geography (Economics)

Jonathan Antal, MS (Lamar University) Associate Instructor, School Counseling and Sport Management

Paul Argott, Ph.D. (CUNY) Associate Instructor, Psychology

Mark Ari, M.F.A. (Brooklyn College - CUNY) Assistant Professor, English (Creative Writing)

Andrea Arikawa, Ph.D. (University of Minnesota) Professor and Chair, Nutrition & Dietetics

Christa Arnold, Ph.D. (University of Florida) Associate Professor, Communication

Lynne Arriale, M.M. (Wisconsin Conservatory of Music) Professor, Music

Asai Asaithambi, Ph.D. (University of Wisconsin-Madison) Director and Professor, School of Computing, Computer Science

Keith Ashley, Ph.D. (University of Florida), Associate Professor, Sociology, Anthropology, and Social Work (Anthropology)

Beyza Aslan, Ph.D. (University of Florida) Associate Professor, Mathematics and Statistics (Mathematics)

B

Julie Baker-Townsend, M.S.N., A.R.N.P., B.C. (University of North Florida) Clinical Associate Professor, Nursing

Chitra K. Balasubramainian, Ph.D. (University of Florida) Professor, Physical Therapy

Mina N. Baliamoune-Lutz, Ph.D. (Northeastern University) Professor, Economics and Geography, Distinguished Professor

Constanza Lopez Baquero, Ph.D. (City University of New York) Associate Professor, Languages, Literatures and Cultures (Spanish)

Andrew Barnes, Ph.D. (Virginia Tech) Assistant Professor, Construction Management

Elissa Barr, Ph.D., CHES, (University of Florida) Professor, Public Health

Christopher W. Baynard, Ph.D. (University of Florida) Associate Professor, Economics and Geography (Geography)

Mary Beal, Ph.D. (Florida State University) Associate Instructor, Economics and Geography (Economics)

Andrew Beall, M.S. (Arkansas State University) Associate Laboratory Lecturer, Biology

Joel W. Beam, Ed.D. (University of North Florida) ATC, LAT, Chair and Professor, Clinical and Applied Movement Sciences (Athletic Training)

Berrin Beasley, Ph.D. (University of Southern Mississippi) Professor, Communication (Communication)

James Beasley, Ph.D. (Purdue University) Associate Professor, English

Michele S. Bednarzyk, M.N. (University of South Carolina) ARNP, B.C., Clinical Associate Professor, Nursing

David J. Begley, M.F.A. (Savannah College of Art & Design) Associate Professor, Art, Art History and Design (Graphic Design)

Denis R. Bell, Ph.D. (University of Warwick) Professor, Mathematics and Statistics (Mathematics)

Erin Bennett, M.M. (University of Florida) Associate Professor, Music (Piano Pedagogy)

Devrim Bilgili, Ph.D. (Northern Illinois University) Associate Professor of Statistics

Michael Binder, Ph.D. (University of California, San Diego) Professor, Political Science and Public Administration

Stephan Boka, M.F.A. (University of California) Associate Instructor, English (Creative Writing)

Michelle Boling, Ph.D., A.T.C. (University of North Carolina at Chapel Hill) Associate Dean and Professor, Clinical and Applied Movement Sciences (Athletic Training)

Stacy Boote, Ed.D., Ed.S. (University of Central Florida) Associate Professor, Teaching Learning & Curriculum

Mary O. Borg, Ph.D. (University of North Carolina at Chapel Hill) Professor, Political Science and Public Administration

Koren Borges, M.B.A. (University of Pennsylvania) Associate Instructor, Management

Denise I. Bossy (Yale University) Associate Professor, History

Michael Bovenzi, D.M.A. (University of Illinois-Urbana-Champaign) Associate Professor, Music (Classical Saxophone)

Doria F. Bowers, Ph.D. (University of Texas - Austin) Professor, Biology

Elizabeth Brown, Ph.D. (University of Miami) Associate Professor, Psychology

Peter Scott Brown, Ph.D. (Yale University) Professor, Art, Art History, and Design (Art History)

Samantha Brown, Ph.D. (Florida State University) Assistant Professor, Criminology and Criminal Justice

Alison J. Bruey (Yale University) Professor, History

David Bryan, Ph.D. (Florida State University) Associate Professor, Accounting and Finance (Accounting)

Bernadette D. Buckley, Ph.D. (University of Florida) ATC, LAT, Associate Professor, Clinical and Applied Movement Sciences (Athletic Training)

Jamey Burns, Ed.D. (University of Florida) Faculty Administrator, Urban Education

Melissa Bush, M.Ed. (University of North Florida) University Lecturer, Research Programs and Services, Chemistry

Elena M. Buzaianu, Ph.D. (Syracuse University) Professor, Mathematics and Statistics (Statistics)

Lisa Byrge, Ph.D. (Indiana University) Assistant Professor, Psychology

C

Gaylord Candler, Ph.D. (Indiana University, Bloomington) Professor, Political Science and Public Administration (Public Administration)

Paul Carelli, Ph.D. (University of Kentucky), Associate Professor, Philosophy

Keith Cartwright, Ph.D. (Indiana University) Chair and Professor, English

Dale A. Casamatta, Jr., Ph.D. (Ohio University) Professor, Biology

Corey Causey, Ph.D. (Duke University) Associate Professor, Chemistry

Terence Cavanaugh, Ph.D. (University of South Florida) Professor, Leadership, School Counseling and Sports Management (Instructional Technology)

Stuart Chalk, Ph.D. (University of Massachusetts, Amherst) Professor, Chemistry & Biochemistry

Richard H. Chant, Ed.D. (University of Central Florida) Associate Professor, Teaching, Learning & Curriculum

John Chapman, Ph.D. (University of Florida), Associate Instructor, English

Chiradip Chatterjee, Ph.D. (Florida International University) Associate Professor, Economics and Geography (Economics)

Kim Cheek, Ph.D. (University of Durham) Associate Professor, Teaching, Learning & Curriculum

Michael Cherbonneau, Ph.D. (University of Texas at Dallas) Associate Professor, Criminology and Criminal Justice

Youngtae Choi, Ph.D. (Texas A&M University) Associate Professor, Marketing and Logistics (Marketing)

Natasha Christie, Ph.D. (University of Florida) Associate Dean, College of Arts and Sciences and Associate Professor, Political Science and Public Administration (Political Science)

James Churilla, Ph.D. (University of Tennessee) Professor, Clinical and Applied Movement Sciences (Exercise Science)

Angeles Fernandez Cifuentes, Ph.D. (University of Texas-Austin) Associate Professor, Languages, Literatures and Culture

Kerry L. Clark, Ph.D. (University of South Carolina) Professor, Public Health (Epidemiology)

Charles E. Closmann, Ph.D. (University of Houston) Associate Professor, History

Sharon C. Cobb, Ph.D. (University of Florida) Professor, Economics and Geography (Geography)

B. Jay Coleman, Ph.D. (Clemson University) Richard deRaismes Kip Professor of Operations Management and Quantitative Methods, Management (Management and Quantitative Methods), Distinguished Professor, 2005

Dee Colvin-Ott, M.F.A. (Indiana State University) Associate Instructor, Communication

Judith Comeaux, M.S.N. (University of Florida) A.R.N.P., Associate Professor, Nursing

Luke Cornelius, Ph.D. (University of Florida) & **J.D.** (Georgia State University) Associate Professor, Leadership, School Counseling and Sport Management

Hugh Cornell, M.S. (University of North Florida) Associate Instructor, Mathematics and Statistics (Mathematics)

Charles B. Coughlin, M.S. (Florida State University) Associate Lecturer, Biology

Raphael Crowley, Ph.D. (University of Florida) Associate Professor, Construction Management

Vanessa Cruz, M.F.A. (California Institute of Art) Professor, Art and Design (Multimedia and Graphic Design)

Malgorazta Czerwinska, Ph.D. (University of Memphis) Associate Professor, Mathematics and Statistics (Mathematics)

D

Frederick Dale, M.A. (University of North Florida) University Instructor, English

William Dally, Ph.D. (University of Florida) Professor, Civil Engineering

John Daugherty, D.M.A. (University of Michigan) Assistant Professor, Music

Sean M. Davis, Ph.D. (Florida Atlantic University) Associate Professor and Chair, Accounting and Finance

Sara Davis, Ph.D. (Iowa State University) Assistant Professor, Psychology

Mark Dawkins, Ph.D. (Florida State University) Professor, Accounting

John Dean, M.S. (University of North Florida) Instructor, Criminology and Criminal Justice

Michelle DeDeo, Ph.D. (University of California, San Diego) Professor, Mathematics and Statistics (Mathematics)

David Deeley, Ph.D. (University of Florida) Associate Instructor, Communication

Pieter de Jong, Ph.D. (University of Texas at Arlington) Professor, Accounting and Finance (Finance)

Rosa De Jorio, Ph.D. (University of Illinois at Urbana-Champaign) Professor, Sociology and Anthropology (Anthropology)

Todd T. DelGiudice, MM (University of Oregon) Associate Professor, Music

Brandilyn Denison, Ph.D. (University of North Carolina - Chapel Hill) Associate Professor, Philosophy

Nicholas de Villiers, Ph.D. (University of Minnesota) Professor of English

Di Shang, Ph.D. (City University of New York (CUNY) Assistant Professor, Management

Alexander Diaz, MFA (University of Florida) Associate Professor, Art and Design (Photography)

Marcus Dickman Jr., D.M.A. (North Texas State University) Associate Professor, Music (Music)

Daniel Dinsmore, Ph.D. (University of Maryland) Associate Dean, College of Education and Human Services and Professor, (Music Education)

Roberta Reid Doggett, M.S., APR (West Virginia University) Associate Instructor, Communication (Public Relations)

Timothy J. Donovan, M.A. (Pennsylvania State University) Associate Professor, English

Daniel Dreibelbis, Ph.D. (Brown University) Associate Professor and Undergraduate Director, Mathematics and Statistics (Mathematics)

Tammy Druash, M.L.S. (Emporia State University) Associate University Librarian, Library

Raluca Dumitru, Ph.D. (University of Cincinnati) Professor, Mathematics

Georgette Dumont, Ph.D. (Northern Illinois University) Associate Professor, Political Science and Public Administration (Political Science)

Trevor Dunn, M.F.A. (Utah State University) Associate Professor, Art and Design (Ceramics)

Ayan Dutta, Ph.D. (University of Nebraska) Associate Professor, Computing

E

Paul Eason, Ph.D. (University of Florida) Vice President of Strategy and Innovation and Director of the Materials Science and Engineering Research Facility (MSERF)

Michelle L. Edmonds, Ph.D. (Barry University) Director and Professor, School of Nursing

Suzanne Ehrlich, Ed.D. (University of Cincinnati) Associate Professor,Leadership, School Counseling & Sport Management

Adel El-Safty, Ph.D. (North Carolina State University) Professor, Engineering (Civil Engineering), Distinguished Professor 2018

Terri Ellis, Ph.D. (University of California, Davis) Associate Professor, Biology

Reham A. Eltantawy, Ph.D. (Florida State University) Chair, Marketing and Logistics; Professor, Marketing and Logistics (Marketing)

Hank Eng, Ph.D. (Ohio State University) Lab Lecturer, Chemistry

Cora Evensen, M.S. (Jacksonville University) Instructor, Nursing

F

Paul A. Fadil, Ph.D. (Florida State University) Professor, Management

Ashley Faulkner, Ph.D. (University of Virginia) Associate Instructor, English

Daniel Feinberg, MLIS (Kent State University) Associate University Librarian

David E. W. Fenner, Ph.D. (University of Miami) Professor, Philosophy & Religious Studies

James Fletcher, Ph.D. (University of Florida) Associate Professor, Engineering (Mechanical Engineering)

Joseph W. Flowers, M.A. (University of North Florida) Instructor, English

Christopher Flynn, Ph.D. (Auburn University) Associate Professor, Management

Bruce Fortado, Ph.D. (Case Western Reserve University) Professor, Management (Management)

Cheryl A. Fountain, Ed.D. (University of Florida) Executive Director, Florida Institute of Education; Professor, Leadership, School Counseling and Sports Management (Educational Leadership)

Jose Franco, Ph.D. (Baylor University) Professor, Mathematics and Statistics (Mathematics)

Sean Freeder, Ph.D. (University of California) Assistant Professor, Political Science and Public Administration

Rachel Frieder, Ph.D. (Florida State University) Associate Professor, Management

Anita Fuglestad, Ph.D. (University of Minnesota) Assistant Professor, Psychology

Paul Fuglestad, Ph.D. (University of Minnesota) Associate Professor, Psychology

Elizabeth Fullerton, Ph.D. (University of Florida) Assistant Professor, Childhood Education (Special Education)

G

D. Christopher Gabbard, Ph.D. (Stanford University) Professor and Graduate Coordinator, English

Raymond W. Gaddy, MFA (University of Alabama) Instructor, Art and Design (Art)

Terrie Galanti, Ph.D. (George Mason University) Assistant Professor, Teaching, Learning and Curriculum

Andrés Alberto Gallo, Ph.D. (University of Illinois Champaign - Urbana) Co-Director, International Business Flagship Program, Professor, Economics and Geography (Economics)

Bernadette Gambino, M.A. (George Mason University) Instructor, English (English)

Lev V. Gasparov, Ph.D. (Institute for Solid State Physics, Russia) Associate Dean, College of Arts and Sciences, Presidential Professor, Professor, Physics

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Joshua C. Gellers, Ph.D. (University of California, Irvine) Professor, Political Science and Public Administration

James Gelsleichter, Ph.D. (William and Mary) Professor, Biology

Daniela Genova, Ph.D. (University of South Florida) Professor, Mathematics and Statistics (Mathematics)

Quincy Gibson, Ph.D. (Georgetown University) Associate Professor, Biology

Matthew R. Gilg, Ph.D. (University of South Carolina) Professor, Biology

Hubert W. Gill, M.Acc (University of North Florida) CPA, Senior Instructor, Accounting and Finance (Accounting)

Erinn Gilson, Ph.D. (University of Memphis) Associate Professor, Philosophy

Ellen Glasser, M.Ed. (Duke University) Instructor, Criminology and Criminal Justice

James U. Gleaton, Ph.D. (University of South Carolina) Associate Professor, Mathematics and Statistics (Statistics)

Lakshmi Goel, Ph.D. (University of Houston) Professor, Management

Sheila Goloborotko, MFA (Brooklyn College) Associate Professor, Art and Design

Joseph Goodsell, M.S. (University of Southern Mississippi) Instructor, Communication

Benjamin Gordon, Ph.D. (University of South Carolina) Assistant Professor, Clinical and Applied Movement Sciences (Exercise Science)

Stephen John Gosden, Ph.D. (Yale University) Assistant Professor, Music

Daniel R. Gottlieb, B.M. (University of Miami) Professor, Music (Music)

Pramod Govindan, Ph.D. (Illinois Institute of Technology) Assistant Professor, Engineering (Electrical)

Barry R. Greene, M.M. (University of South Florida) Professor, Music (Music)

Elizabeth Gregg, Ph.D. (Indiana University) Professor, Leadership, School Counseling and Sport Management

Taylor Grimes, M.S. (University of North Florida) Assistant Professor, Mathematics and Statistics

Timothy J. Groulx, Ph.D. (University of South Florida) Associate Professor, Music

Caroline Guardino, (University of Arizona) Professor, Exceptional, Deaf and Interpreter Education

Gregory Gundlach, Ph.D. (University of Tennessee) Professor and Coggin Distinguished Professor of Marketing, Marketing and Logistics

C. Dominik Güss, Ph.D. (Otto-Friedrich University of Bamberg) Distinguished Professor, Presidential Professor, Professor, Psychology

H

Jenny K. Hager, MFA (San Jose State University) Chair and Professor, Art, Art History and Design (Sculpture)

Ty Hak, M.S. (Florida State University) Instructor, Mathematics

Donald R. Haley, Ph.D. (University of North Carolina at Chapel Hill) Chair and Professor, Public Health (Health Administration)

James Hall, D.M.A. (Rice University) Associate Professor, Music (Voice)

Katrina W. Hall, Ph.D. (University of Florida) Associate Professor, Teaching, Learning & Curriculum

Michael A. Hallett, Ph.D. (Arizona State University) Professor, Criminology and Criminal Justice

Hanadi Hamadi, Ph.D. (University of South Carolina) Professor and C, Health Administration

Sami M. Hamid, Ph.D. (Texas A & M University) Associate Professor, Mathematics and Statistics (Mathematics)

Mitchell R. Haney, Ph.D. (University of Memphis) Associate Professor, Philosophy (Theoretical and Applied Ethics)

Jason Thomas Haraldsen, Ph.D. (University of Tennessee-Knoxville) Associate Professor, Physics

Alan Harris, Ph.D. (University of Oklahoma) Director and Professor, Engineering (Electrical Engineering)

Jeffrey Harrison, Ph.D. (Virginia Commonwealth University) Professor, Public Health (Health Administration)

John D. Hatle, Ph.D. (University of Louisiana at Lafayette) Distinguished Professor, Terry Presidential Professor and Professor, Biology

Laura Heffernan, Ph.D. (University of Pennsylvania) Professor, English

Gregory Helmick, Ph.D. (University of Texas - Austin) Associate Professor and Chair, Languages, Literatures and Culture (Spanish)

Elizabeth Heuer, Ph.D. (Florida State University) Associate Professor, Art, Art History, and Design (Art History)

John William Hewitt, Ph.D. (Northwestern University) Associate Professor, Physics

Stephen Heywood, M.F.A. (Edinboro - University of Pennsylvania) Professor, Art and Design (Ceramics)

Clarence Hines, D.M.A. (Eastman School of Music, University of Rochester) Chair, School of Music and Associate Professor, Music (Trombone and Jazz Studies)

Scott H. Hochwald, Ph.D. (University of California-Berkeley) Associate Professor, Mathematics and Statistics (Mathematics)

Katherine Hooper, Ph.D. (Indiana University) Instructor, Psychology

David Hoppey, Ph.D. (University of Florida) Professor, Program Director, Teaching, Learning & Curriculum

Elissa Barr, Ph.D. (University of Florida) Professor, Public Health

Danielle Hoyt, M.S. (University of North Florida) Instructor, Mathematics and Statistics

Thobias Huning, Ph.D. (University of Memphis) Associate Professor, Management

I

Julie J. Ingersoll, Ph.D. (University of California - Santa Barbara) Professor, Department of Philosophy & Religious Studies (Religious Studies)

J

David G. Jaeger, J.D. (University of Cincinnati) Associate Dean and Associate Professor, Accounting and Finance

David D. Jaffee, Ph.D. (University of Massachusetts-Amherst) Professor, Sociology and Anthropology (Sociology); Distinguished Professor 2019

Alireza Jahan-Mihan, Ph.D. (University of Toronto) Associate Professor, Nutrition & Dietetics

Christopher Janson, Ph.D. (Kent State University) Associate Professor, Leadership, School Counseling and Sports Management (School Counseling)

Aiyan Jiang, Ph.D. (University of Florida) Professor, Construction Management

Sharon Joca, M.A. (Inter-American University of Puerto Rico) Resident Clinical Faculty, Teaching, Learning & Curriculum

Jason John, MFA (Indiana University of Pennsylvania) Associate Professor, Art and Design (Painting and Drawing)

Eric Johnson, Ph.D. (North Carolina State University) Associate Professor, Biology

Jeania Jones, M.A. (Nova Southeastern University) Instructor, Teaching, Learning & Curriculum

Christopher J. Joyce, Ph.D. (University of Virginia) ATC, CSCS, LAT, Associate Professor, Clinical and Applied Movement Sciences (Athletic Training)

K

Vamsi Kalasapudi, Ph.D. (Arizona State University) Assistant Professor, Construction Management

Rahul W. Kale, Ph.D. (University of Maryland) Associate Professor, Management (Management)

Indika Kahanda, Ph.D. (Colorado State University) Assistant Professor, Computing

Jennifer Kane, Ph.D. (Florida State University) Professor and Dean, Leadership, School Counseling and Sports Management (Sport Management)

Upulee Kanewala, Ph.D. (Colorado State University) Assistant Professor, Computing

John Kantner, Ph.D. (University of California, Santa Barbara) Senior Associate Provost of Faculty Research, and Professor, Anthropology

Philip G. Kaplan, Ph.D. (University of Pennsylvania) Associate Professor, History

Katherine M. Kasten, Ph.D. (University of Wisconsin-Madison) Professor, Leadership, Counseling and Instructional Technology (Educational Leadership)

Dilek Kayaalp, Ph.D. (University of British Columbia) Associate Professor, Teaching, Learning & Curriculum

Tara Kelley, M.A. (University of North Carolina-Charlotte) Associate Instructor, English

Chau J. Kelly, Ph.D. (University of California - Davis) Associate Professor, History

Christopher M. Kelso, Ph.D. (University of Chicago) Associate Professor, Physics

Jennifer Kilpatrick, Ph.D. (University of Tennessee Knoxville), Associate Professor, Teaching, Learning & Curriculum

Dong-Young Kim, Ph.D. (Carleton University) Professor, Management

Jonghoon Kim, Ph.D. (Arizona State University) Associate Professor, Construction Management

Junga Kim, Ph.D. (University of Florida) Associate Professor, Communication (Advertising)

William Klostermeyer, Ph.D. (University of Florida) Professor of Computing and Dean, College of Computing, Engineering and Construction

Bryan A. Knuckley, Ph.D. (University of South Carolina) Chair and Professor, Chemistry

Hans-Herbert Koegler, Ph.D. (Der Johann Wolfgang Goethe-University of Frankfurt am Main) Professor, Philosophy

Daniel D. Koo, Ph.D., P.E. (Arizona State University) Chair and Professor, Construction Management

Andrew Kozlowski, MFA (Virginia Commonwealth University) Associate Professor, Art, Art History, and Design (Printmaking)

O. Patrick Kreidl, Ph.D. (Massachusetts Institute of Technology) Professor, Engineering (Electrical Engineering)

L

Corinne Labyak, Ph.D. (University of Florida) Associate Professor, Nutrition and Dietetics

Michele Lamarsh, M.S. (University of Michigan) Instructor, Construction Management

Reinhold P. Lamb, Ph.D. (Florida State University) Professor and Jody and Layton Smith Distinguished Professor of Finance, Accounting and Finance (Finance)

Amy Lane, Ph.D. (Georgia Institute of Technology) Presidential Professor, and Professor, Chemistry & Biochemistry

Lori Y. Lange, Ph.D. (University of Wisconsin - Milwaukee) Associate Professor and Chair, Psychology

Erin Largo-Wight, Ph.D. (University of Florida) Professor, Public Health & Director of the Institute of Environmental Research and Education

Wanda LaStrapes, Ph.D. (Old Dominion University) Faculty Administrator, Education & Human Services, Research & Development

Kadesh Lauridsen, M.A. (University of Florida), Associate Instructor, English

Juliana K. Leding, Ph.D. (University of Arkansas) Professor, Psychology

Chunsik Lee, Ph.D. (University of Florida) Associate Professor, Communication

Jason W. Lee, Ph.D. (Florida State University) Professor, Leadership, School Counseling and Sports Management (Sport Management)

Michael Lentz, Ph.D. (University of Alabama at Birmingham) Associate Professor, Biology

Adrienne Lerner, JD (University of Tennessee-Knoxville) Pre-Law Associate Instructor, Political Science and Public Administration

Tru Leverette, Ph.D. (University of Florida) Professor, English

Jennifer Lieberman, Ph.D. (University of Illinois) Professor, English

James Littleton, M.S. (University of North Florida) Associate Instructor, Computing

Xudong Liu, Ph.D. (University of Kentucky) Associate Professor, Computing

Bevin Livingston, Ph.D., P.T., A.T.C. (Emory University) Associate Professor, Physical Therapy

Chung-Ping Loh, Ph.D. (University of North Carolina) Professor and Interim Dean, Coggin College of Business (Economics)

Constanza Lopez, Ph.D. (The Graduate Center, CUNY) Associate Professor, Languages, Literatures, and Cultures (Spanish)

Kristina Lopez-Smith, Ph.D. (Texas State University) Associate Professor, Criminology and Criminal Justice

Lillia M. Loriz, Ph.D. (George Mason University) A.R.N.P., B.C., Professor, Nursing (Nursing Administration)

Curt L. Lox, Ph.D. (University of Illinois) Professor, Clinical and Applied Movement Sciences (Kinesiology)

Michael Lufaso, Ph.D. (Ohio State University) Munoz Presidential Professor and Associate Professor, Chemistry & Biochemistry

Ronald A. Lukens-Bull, Ph.D. (Arizona State University) Professor, Sociology and Anthropology (Anthropology)

Clark D. Lunberry, Ph.D. (University of Wisconsin - Milwaukee) Professor, English (English)

M

David MacKinnon, Ed.D. (University of North Florida) Associate Instructor, English

Peter Magyari, Ph.D. (University of Florida) Associate Professor, Clinical and Applied Movement Sciences (Exercise Science)
Amirhossein Majidirad, Ph.D. (Wichita State University) Assistant Professor, Engineering
Hannah Malcolm, Ph.D. (Washington University) Associate Professor, Chemistry
Kally Malcom, M.F.A. (New Mexico State University) Associate Professor, Art and Design (Photography)
Maged Malek, Ph.D. (University of Central Florida) Professor, Construction Management
Angela Mann, Ph.D. (University of South Florida) Associate Professor, Psychology
Dennis J. Marks, M.M. (University of Miami) Associate Professor, Music (Studio Jazz Writing)
Elise Marshall, M.S. (University of Texas at El Paso) Advisor and Associate Instructor, Computing
Jonathan Matheson, Ph.D. (University of Rochester) Professor, Philosophy & Religious Studies
Samuel Mathies, M.A. (University of California, Northridge) Associate Instructor, Communication
Traci Mae Mathies, MA. .(Regis University) Associate Instructor, Communication
Sarah Anne Mattice, M.A. (University of Hawaii at Manoa) Associate Professor, Philosophy & Religious Studies
Diane Lyn Matuschka, M.A. (University of Northern Colorado) Instructor, Communication
Jason I. Mauro, Ph.D. (University of Connecticut) Associate Professor, English
Gokan May, Ph.D. (Politecnico Di Milano) Assistant Professor, Engineering
Eirin McBride, Ph.D. (University of Birmingham - UK) Assistant Professor, Chemistry & Biochemistry
Clayton McCarl, Ph.D. (City University of New York) Professor, Languages, Literatures and Culture (Spanish)
Elizabeth McCarthy, Ph.D. (Uniformed Services University) Professor, Nursing
John P. McDonough, Ed.D. (Drake University) C.R.N.A., A.R.N.P., Professor, Nurse Anesthesia Track, Nursing
Ross McDonough, MSW (New York University) Associate Instructor, Sociology, Anthropology and Social Work (Social Work)
John E. McEldowney, D.B.A. (Mississippi State University) CPA, CIA, Associate Professor, Accounting and Finance (Accounting)
D. Courtenay McLeland, M.S. (Florida State University) Head of Digital Strategies, Carpenter Library
Carolynn McMahan, Ph.D. (University of Tennessee at Chattanooga) Associate Professor, Communication (Advertising)
Jacqueline Meier, Ph.D. (University of Connecticut) Assistant Professor, Sociology, Anthropology, Social Work
Jan Meires, Ed.D. (University of North Florida) A.R.N.P., B.C., Professor, Nursing
Joshua Melko, Ph.D. (Pennsylvania State University) Associate Professor, Chemistry & Biochemistry
Alexander Menocal, Ph.D. (University of Florida) Associate Instructor, English
Julie Merten, Ph.D. (University of Florida) Professor and Associate Dean, MedNexus
Ognjen Milatovic, Ph.D. (Northeastern University) Professor, Mathematics and Statistics (Mathematics)
Holly Ventura Miller, Ph.D. (University of South Carolina) Professor, Criminology and Criminal Justice
James Mitchell Miller, Ph.D. (University of Tennessee) Professor, Criminology and Criminal Justice
LaRee Moody, M.S. (University of St. Francis) Associate Instructor, Health Administration
Michele J. Moore, Ph.D. (University of Florida) Dean of the Graduate School and CHES Professor, Public Health
Paul Mosley, M.S. (Florida State University), University Librarian, Head of Student Outreach & Facilities
Thomas Mullen, Ph.D. (Pennsylvania State University) Associate Professor, Chemistry & Biochemistry
Naveen Mukhtar, Ph.D. (University of Karachi - Pakistan) Lab Lecturer, Chemistry & Biochemistry
Debra L. Murphy, Ph.D. (Boston University) Professor, Art, Art History and Design (Art History)

N

Elizabeth Nabi, M.F.A. (Savannah College of Art and Design) Associate Professor, Art, Art History & Design (Graphic Design)
Siho Nam, Ph.D. (Pennsylvania State University) Associate Professor, Communication (Mass Communication)
Dag Näslund, Ph.D. (Lund School of Business and Economics) Professor, Management (Management)
Mona Nasseri, Ph.D. (University of Toledo) Assistant Professor, Engineering
Courtney Azzari, Ph.D. (University of Wyoming) Associate Professor, Marketing and Logistics
Brittany Nettles, D.N.P. (University of North Florida) Assistant Professor, Nursing
Lauren Newton, M.L.I.S. (University of South Carolina) University Librarian
Jody Nicholson, Ph.D. (University of Notre Dame) Professor, Psychology
Navid Nickdoost, Ph.D., PMP (Florida State University) Assistant Professor, Construction Management
Betsy Nies, Ph.D. (University of Florida) Professor, English
John P. Nuszkowski, Ph.D. (West Virginia University) Associate Professor, Engineering (Mechanical Engineering)

O

Judith D. Ochrietor, Ph.D. (Ohio State University) Associate Professor and Pre-Med Advisor, Biology
Matthew Ohlson, (University of Florida) Director of the Taylor Leadership Institute, Professor, Leadership, School Counseling, and Sport Management

Deb Owen, MSH (University of North Florida) Associate Instructor, Public Health

Nilufer Ozdemir, Ph.D. (University of North Carolina, Chapel Hill) Associate Professor, Economics and Geography (Economics)

P

Jonathon Pabalate, D.N.P., C.R.N.A. (Florida International University) Instructor, Nursing

Marcus Pactor, MFA (Texas State University) University Instructor, English

Megan Parkinson, Ph.D. (University of Maryland) Associate Professor, Teaching, Learning and Curriculum

Jae Hee Park, Ph.D. (University of Tennessee, Knoxville) Associate Professor, Communication

Sinyoung Park, Ph.D. (University of Florida) Associate Professor, Health Administration

Paul Parkison, Ed.D. (University of Memphis) Associate Professor, Teaching, Learning, and Curriculum

John H. Parmelee, Ph.D. (University of Florida) Professor and Director, Communication (Journalism)

Amanda Pascale, Ph.D. (University of Tennessee) Associate Professor and Chair, Leadership, School Counseling and Sport Management (Leadership)

Nirmal Patel, Ph.D. (Sardar Patel University) University Lecturer, Physics

Karen B. Patterson, Ph.D. (Kent State University) Professor, Exceptional Student and Deaf Education; Provost and Vice President of Academic and Student Affairs

Richard F. Patterson, Ph.D. (Kent State University) Professor and Chair, Mathematics and Statistics (Mathematics)

Thomas Pekarek, Ph.D. (Purdue University) Professor, Physics; Presidential Professor

Susan M. Perez, Ph.D. (University of California, Riverside) Associate Provost and Professor, Psychology (Developmental Psychology)

Stephynie Chapman Perkins, Ph.D. (University of Florida) Associate Professor, Communication (Public Relations

Anne Pfister, Ph.D. (University of South Florida) Associate Professor, Sociology, Anthropology, and Social Work (Anthropology)

Richard D. Phillips, Ph.D. (Rutgers University) Professor, Sociology and Anthropology (Sociology)

Curtis Phills, Ph.D. (York University) Associate Professor, Psychology

Sherry Pinkstaff, Ph.D. (Virginia Commonwealth University) Associate Professor and Chair, Physical Therapy

Leigh Powers, DNP (Vanderbilt University) Assistant Professor, Nursing

Zornitza G. Prodanoff, Ph.D. (University of South Florida) Interim Chair, Professor, Computing

Sarah Caissie Provost, Ph.D. (Brandeis University) AssociateProfessor, Music

Q

Nuria Ibanez Quintana, Ph.D. (Western Michigan University) Professor, Languages, Literatures and Culture

R

M. Mahbubur Rahman, Ph.D. (Arizona State University) Professor, Mathematics and Statistics (Mathematics)

George W. Rainbolt, Ph.D. (University of Arizona) Professor, Philosophy & Religious Studies

Gordon Rakita, Ph.D. (University of New Mexico) Associate Vice President, Professor, Sociology and Anthropology (Anthropology); Distinguished Professor, 2020

Luminita Razaila, M.S. (University of North Florida) Associate Instructor, Mathematics and Statistics (Statistics)

Sandeep Reddivari, Ph.D. (Mississippi State University) Associate Professor, Computing

Deborah Reed, Ed.D. (University of North Florida) University Instructor & Program Director, Leadership, School Counseling & Sport Management

Fatima Rehman, Ph.D. (Emory University) Associate Lecturer, Biology

F. Dan Richard, Ph.D. (Texas Christian University) Professor, Psychology

Pat Richards, D.N.P. (University of North Florida) Assistant Professor, Nursing

M. Ryan Richardson, M.S. (University of North Florida) Assistant Professor, Clinical and Applied Movement Sciences (Health Science)

Julie Richmod, Ph.D. (University of Connecticut) Professor, Biology

Len Roberson, Ph.D. (Gallaudet University) Professor, Leadership, School Counseling & Sport Management

Nataliya Roman, Ph.D. (University of Florida) Associate Professor, Communication

Kristen Roof, Ph.D. (Texas A&M), Associate Professor, Nutrition and Dietetics

Cliff Ross, Ph.D. (University of California, Santa Barbara) Professor and Chair, Biology

Anthony M. Rossi, Ph.D. (Florida State University) Professor and Graduate Coordinator, Biology

Swapnoneel Roy, Ph.D. (SUNY at Buffalo) Associate Professor, Computing

Dawn Russell, Ph.D. (Northwestern University) Associate Professor, Transportation and Logistics; Interim Director, Transportation and Logistics Flagship Program; Program Director, MBA, MSM and Graduate Certificate Programs

S

Ping Sa, Ph.D. (University of South Carolina) Professor, Mathematics and Statistics (Statistics)

Jane Sander, M.S.N., A.R.N.P. (University of North Florida) Instructor, Nursing

Thobias Sando, Ph.D. (Florida State University) Professor, Engineering (Civil Engineering)

Daniel Santavicca, Ph.D. (Yale University) Professor, Physics

Dawn M. Saracino, M.H.S. (University of Florida) P.T., NCS, Associate Instructor, Clinical and Applied Movement Sciences (Physical Therapy)

Claudia Scaff, M.F.A. (Iowa State University) Associate Professor, Art, Art History and Design (Graphic Design)

Oliver Schnusenberg, Ph.D. (Florida Atlantic University) Professor, Accounting and Finance (Finance)

Alexandra Schonning, Ph.D. (University of Central Florida) Professor, Engineering (Mechanical Engineering)

James B. Scott, M.M. (Florida International University) Associate Professor, Music (Music)

Nicholas Seabrook, Ph.D. (University of Buffalo) Chair and Professor, Political Science and Public Administration (Political Science)

Ramin Shabanpour Anbarani, Ph.D. (University of Illinois at Chicago) Assistant Professor, Engineering

Ryan Shamet, Ph.D. (University of Central Florida) Assistant Professor, Engineering

David L. Sheffler, Ph.D. (University of Wisconsin-Madison) Associate Professor and Chair, History

Simon Shiao, D.M.A. (State University of New York at Stony Brook) Associate Professor, Music (Music)

Deirdre D. Shoemake, M.S.N. (University of North Florida) Assistant Professor, Nursing

Ryan Shores, D.N.P. (University of North Florida) Assistant Professor, Assistant Professor, Nursing

Melissa S. Simmons, D.M. (Northwestern University) Associate Professor, Music

Alicia Sitren, Ph.D. (University of Central Florida) Associate Professor, Criminology and Criminal Justice

Robert Slater, Ph.D. (University of South Florida) Associate Professor, Accounting and Finance (Accounting)

Gary L. Smart, D.M.A. (Yale University) Professor, Music; Presidential Professor

Jillian Smith, Ph.D. (Pennsylvania State University) Associate Professor, English

Kelly J. Smith, Ph.D. (Rutgers University) Associate Professor, Biology

Sericea Smith, DrPH (Brunel University) Associate Professor, Public Health

Aaron Spaulding, Ph.D. (Texas A&M Health Science Center) Associate Professor, Public Health

Jennifer Spaulding-Givens, Ph.D. (Florida State University) Chair, Sociology, Anthropology, and Social Work, Associate Professor, Sociology and Anthropology (Social Work)

Stephen Stagon, Ph.D. (University of Connecticut) Associate Professor, Mechanical Engineering

Nile V. Stanley, Ph.D. (University of Florida) Associate Professor, Teaching, Learning & Curriculum

Jessica Stark, Ph.D. (Duke University) Assistant Professor, English

Jaimee E. Stewart, M.S. (University of North Florida) Associate Instructor, Mathematics and Statistics (Statistics)

Margaret Stewart, Ph.D. (Indiana University of Pennsylvania) Associate Professor, School of Communication

Elizabeth Stotz-Potter, Ph.D. (Indiana University School of Medicine) Associate Lecturer, Biology

Jenny Stuber, Ph.D. (Indiana University) Professor, Sociology and Anthropology (Sociology)

Michael Stultz, M.A. (McDaniel College) University Instructor & Program Director, School Counseling & Sport Management

Kaveri Subrahmanyam, Ph.D. (University of California, Los Angeles) Dean, College of Arts and Sciences, Psychology

David R. Swanson, Ph.D. (University of Arkansas) Professor, Marketing and Logistics

Kristi Sweeney, Ph.D. (University of New Mexico) Associate Professor and Chair, Leadership, School Counseling and Sports Management

Janice Swenson, Ph.D. (Tulane University) Associate Laboratory Lecturer, Biology

T

Kim Taeho, Ph.D. (University of Florida) Assistant Professor, Leadership School Counseling and Sport Management

Candice Tahimic, Ph.D. (Tottori University) Assistant Professor, Biology

Madalina Tanase, Ph.D. (University of Nevada at Las Vegas) Associate Professor, Teaching, Learning & Curriculum

Cara Suzanne Tasher, D.M.A. (University of Cincinnati) Professor, School of Music (Music)

Kassie Terrell, Ph.D. (University of Mississippi) Associate Professor, Public Health

Brian Patrick Thornton, Ph.D. (University of Utah) Professor, School of Communication

Randall C. Tinnin, D.M.A. (Rutgers University) Professor of School of Music (Trumpet)

Joshua Tomlinson, Ph.D. (University of Oklahoma) Instructor, Music

Christopher Winston Trice, M.F.A. (University of Illinois at Chicago) Associate Professor, Art, Art History & Design (Photography)

Russell Triplett, Ph.D. (University of North Carolina) Associate Professor and Interim Dean, Coggin College of Business, Economics and Geography (Economics)

Heather Truelove, Ph.D. (Washington State University) Professor, Psychology

Ma. Teresa Tuason, Ph.D. (State University of New York, Albany) Professor, Public Health

Russell Turney, M.A. (George Mason University) University Instructor, English

U

Karthikeyan Umapathy, Ph.D. (Pennsylvania State University) Professor, Computing

V

Cheryl A. Van Deusen, Ph.D. (University of South Carolina) CHA, CHE, Professor, Management (International Management)

Andrea Venet, DMA (Eastman School of Music) Associate Professor, Music (Percussion)

Marielle Veve, M.L.I.S. (Louisiana State University) Metadata Library, Digital Strategies & Technology

Lance Vickery, MFA (University of Kentucky) Associate Professor, Art, Art History & Design (Sculpture)

Brenda Vose, Ph.D. (University of Cincinnati) Chair and Associate Professor, Criminology and Criminal Justice

W

David Waddell, Ph.D. (Duke University) Professor, Biology

Dongyuan "Debbie" Wang, Ph.D. (Purdue University) Professor, Psychology (Cognitive Psychology)

Kening Wang, Ph.D. (University of South Carolina) Professor, Mathematics and Statistics (Mathematics)

Maitri P. Warusawithana, Ph.D. (University of Illinois, Urbana) Associate Professor, Physics

Christine Weber, Ph.D. (Texas A&M University) Professor, Teaching, Learning & Curriculum

Bart Welling, Ph.D. (University of Virginia) Associate Professor, English

Jennifer K. Wesely, Ph.D. (Arizona State University) Professor and Coordinator for the MSCJ Program, Criminology and Criminal Justice

Dawn Wessling, Ph.D. (University of North Florida) Assistant Professor, Leadership, School Counseling & Sport Management

John W. White, Ph.D. (University of Colorado) Professor, Teaching, Learning & Curriculum

Cynthia White-Williams, Ph.D. (University of Central Florida) Associate Professor, Public Health

Michael C. Wiley, Ph.D. (New York University) Professor, English

Jeffry Will, Ph.D. (University of Massachusetts) Professor, Sociology, Anthropology and Social Work (Sociology) and Director of Center for Community Initiatives

Lunetta M. Williams, Ph.D. (University of Florida) Professor, Teaching, Learning & Curriculum

Pamela Williamson, Ph.D. (University of Florida) Professor, Teaching, Learning & Curriculum

Steven A. Williamson, D.B.A. (Memphis State University) Director, PAPER Institute and Institute of Management Development and Organizational Quality; Professor, Management (Management)

Christian Winterbottom, Ph.D. (Florida State University) Professor and Chair, College of Education and Human Services

Dawn Witherspoon, Ph.D. (Case Western Reserve University) Associate Professor, Psychology

Greg Wurtz, Ph.D. (University of Technology Troyes) Assoiate Professor and Chair, Physics

Richmond D. Wynn, Ph.D. (University of Florida) Vice President and Professor, Public Health

Y

Gabriel J. Ybarra, Ph.D. (University of Wisconsin - Milwaukee) Associate Professor and Coordinator for the MACP Program, Psychology

Diane Yendol-Hoppey, Ph.D. (Penn State University) Professor, Curriculum and Instruction

Zhiping Yu, Ph.D. (Pennsylvania State University) Associate Professor, Nutrition and Dietetics

Z

Pamela A. Zeiser, Ph.D. (Clairmont Graduate University) Professor, Political Science and Public Administration

Mei-Qin Zhan, Ph.D. (Indiana University) Professor, Mathematics and Statistics (Mathematics)

Justin Zhang, Ph.D. (Pennsylvania State University) Associate Professor, Management

Ping Ying Zhang, Ph.D. (Norwegian School of Management BI) Professor and Chair, Management

Mei Zhao, Ph.D. (Virginia Commonwealth) Professor and Interim Dean, Brooks College of Health (Health Administration), Distinguished Professor 2021

Jennie Ziegler, M.F.A. (University of Arizona) Associate Instructor, English

Zoellner, Brian, Ph.D. (University of Wisconsin-Madison) Associate Professor, Teaching, Learning & Curriculum

About UNF

University Deans

Edythe Abdullah, JD (University of Florida) Dean, Professional and Lifelong Learning

Peter Scott Brown, Ph.D. (Yale University) Interim Dean, Hicks Honors College; Professor, Art History

Stephen Dittmore, Ph.D. (University of Louisville) Dean, Silverfield College of Education and Human Services, Sport Management

William Klostermeyer, Ph.D. (University of Florida) Dean, College of Computing, Engineering and Construction; Professor, Computing

Chung-Ping (Albert) Loh, Ph.D. (University of North Carolina) Interim Dean, Coggin College of Business; Professor, Economics

Michelle J. Moore, Ph.D. (University of Florida) Dean, Graduate School and CHES Professor, Public Health

Jennifer Murray, MLS. (State University of NY at Buffalo) Dean, Carpenter Library

Kaveri Subrahmanyam, Ph.D. (University of California, Los Angeles) Dean, College of Arts and Sciences, Psychology

Mei Zhao, Ph.D. (Virginia Commonwealth) Interim Dean, Brooks College of Health Professor, Health Administration

About UNF

UNF Welcome Center

UNF Welcome Center

UNF Campus Tours and Admissions Special Events

The University of North Florida invites you to visit and spend a day with our Swoop Squad touring the campus. See what the hallmarks of a UNF education are all about as they come to life. Talk to our students. Walk our campus. You will have first-hand knowledge and witness student life through various campus recruitment experiences. Limited space is available on each opportunity, so we request that those planning to attend reserve a space in advance through our online reservation system. The Welcome Center offers in-person tours Monday-Friday, along with several virtual options that are available anytime! Explore our touring offerings on our website and register for the tour that's best for you. All tour inquiries can be directed to the UNF Welcome Center at (904) 620-1183.

The University of North Florida hosts a variety of Admissions Special Events throughout the year designed to provide prospective students with valuable insights into the admissions process, campus life, and academic opportunities at UNF. These events offer an engaging and informative experience, allowing future Ospreys and their families to explore what makes UNF unique. Whether attending large-scale open houses, specialized workshops, or networking opportunities with faculty and current students, our events ensure that students feel prepared and excited about their journey to higher education. All event inquiries can be directed to the UNF Welcome Center at (904) 620-2420.

For more information, please check out the **UNF Welcome Center webpage or email the Welcome Center at visitunf@unf.edu.**

About UNF - Accreditations

Accreditation

UNF holds both institutional and disciplinary accreditation. Institutional accreditation evaluates the university's overall quality and compliance, while disciplinary accreditation focuses on the standards of specific degree programs, often tied to professional fields.

Institutional Accreditation

The University of North Florida is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate, masters, and doctorate degrees. The University of North Florida also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of the University of North Florida may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on the SACSCOC's website (**www.sacscoc.org**).

Institutional accreditation inquiries should be directed to:

Chadwick Lockley, M.S.
Director of Institutional Effectiveness
UNF SACSCOC Liaison
chadwick.lockley@unf.edu

Disciplinary Accreditation/Approval

In addition to maintaining institutional accreditation, UNF also expects disciplinary accreditation to be sought and maintained when appropriate. UNF has achieved accreditation or approval status with the following accreditation agencies. Additional information on **accreditation**.

- AACSB International - The Association to Advance Collegiate Schools of Business
- Computing Accreditation Commission (CAC) of ABET
- Engineering Accreditation Commission (EAC) of ABET
- Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)
- Academy of Nutrition and Dietetics/Accreditation Council for Education in Nutrition and Dietetics (ACEND)
- American Association of Nurse Anesthetists, Council on Accreditation of Nurse Anesthesia Educational Programs (COA)
- American Chemical Society (ACS)
- American Council for Construction Education (ACCE) Construction Management
- Association for University Programs in Health Administration (AUPHA)
- Commission on Accreditation of Athletic Training Education (CAATE)
- Commission on Accreditation of Allied Health Education Programs (CAAHEP)
- Commission on Accreditation of Healthcare Management Education (CAHME)
- Commission on Accreditation in Physical Therapy Education/American Physical Therapy Association (CAPTE)
- Commission on Collegiate Interpreter Education (CCIE)
- Commission on Collegiate Nursing Education (CCNE)
- Commission on Sport Management Accreditation (COSMA)
- Council for Accreditation of Counseling and Related Educational Programs (CACREP)
- Council for the Accreditation of Educator Preparation (CAEP)
- Council on Education for the Deaf (CED)
- Council on Education for Public Health (CEPH)
- Council on Social Work Education (CSWE)
- Florida Board of Nursing
- Florida Department of Education
- National Association of Schools of Art and Design (NASAD)
- National Association of Schools of Music (NASM)
- National Association of Schools of Public Affairs and Administration (NASPAA)

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Notices

Through the university governance and administrative processes, after publication of this catalog, changes may occur in the academic calendar, admission and graduation requirements, academic programs, course offerings, policies and regulations, and tuition and fee charges. As a result, this catalog should not be construed as an agreement between the University and the reader or as an irrevocable commitment from the University to the reader.

While reasonable effort will be made to publicize such changes, a student is encouraged to seek current information from appropriate offices, because responsibility for complying with all applicable requirements ultimately rests with the student.

Title IX Statement

The University of North Florida does not discriminate on the basis of sex in the University's educational programs and activities, and the University is required by Title IX and its implementing federal regulations to not discriminate on that basis. The requirement not to discriminate also extends to admissions and employment. Inquiries about the application of Title IX and its implementing federal regulations may be referred to the University's Title IX Coordinator, the Assistant Secretary for Civil Rights for the U.S. Department of Education, or both. UNF's Title IX Coordinator, Tricia Buchholz may be contacted at 1 UNF Drive, Building 1, Suite 1200, Jacksonville, FL 32224, otcr@unf.edu, 904-620-2507.

Policies - General

Acad Integrity

Academic Integrity

The Free and Open Pursuit of Knowledge

The University of North Florida encourages the free and open pursuit of knowledge; we consider this to be a fundamental principle and strength of a democratic people. To this end, the University of North Florida expects its students, its faculty, its administrators, and its staff to uphold the highest standards of academic integrity. The University of North Florida expects all members of the University community to both honor and protect one another's individual and collective rights.

Course Content

A course may deal with subjects, issues, or perspectives to which some might object. Such objections will not exempt a student from course requirements. The University of North Florida stands behind the right of its instructors to include material that is challenging in any number of ways. The faculty urges students to discuss any concerns they might have concerning the content of their courses with their instructors.

Claiming One's Own Work

Each student is honor-bound to submit under his or her name or signature only his or her own work; to fully acknowledge his or her use of any information, ideas, or other matter belonging to someone else, and to properly document the source in question; and to offer for credit only that work which he or she has completed in relation to the current course.

Violations of Academic Integrity

The University of North Florida Academic Misconduct Policy identifies several types of violations; these include but are not limited to: cheating; fabricating and falsifying information or citations; submitting the same work for credit in more than one course; plagiarizing; providing another student with access to one's own work to submit under this person's name or signature; destroying, stealing or making inaccessible library or other academic resource material; and helping or attempting to help another person commit an act of academic dishonesty. The University of North Florida authorizes any instructor who finds evidence of cheating, plagiarism or other wrongful behavior that violates the University of North Florida Academic Integrity Code to take appropriate action. Possible action includes, but is not limited to, failing the student on the work in question, failing the student for the course, notifying the appropriate academic dean or Vice President for Academic and Student Affairs and requesting additional action be taken.

The consequences of a breach of academic integrity may result in an unforgiveable F, which cannot be changed regardless of withdrawal status.

View the Student Handbook.

Policies - General

Alcohol/Drugs

Alcohol and Other Drugs

The University of North Florida expressly prohibits the following by students and employees in or on property owned and controlled by the University of North Florida or off campus when a student or employee is acting as a representative of the University:

1. Unlawful manufacture, alteration, distribution, dispensing, possession or use of any illicit drug.
2. Unlawful possession or use of a prescription drug regulated under the provisions of Chapter 893, Florida Statutes (controlled substances and "designer drugs") unless dispensed and used pursuant to prescription or otherwise authorized by law. Manufacture, alteration, delivery, distribution, dispensing and/or sale of such substances are prohibited unless authorized by law.
3. Unlawful purchase, possession, distribution and/or use of alcohol.

The use of alcoholic beverages and/or use, possession, manufacture, sale or attempted sale of any illicit drug or prescribed drug by members of the University community is at all times subject to federal, state and county laws, ordinances and statutes governing these substances.

The unlawful manufacture, distribution, dispensing, possession or use of an illicit drug, or prescription drug regulated under the provisions of Chapter 893, Florida Statutes, or the unlawful use or possession of alcohol is wrong, harmful and prohibited in and on UNF owned and controlled property or as part of any of its activities. No employee or student is to report to work, class or any University function while under the influence of alcohol or other drugs. Violation of this policy will subject the individual not only to University sanctions but also to potential criminal prosecution by the appropriate authorities.

Additionally, a violation of this policy may result in a referral for evaluation.

Disciplinary action against an employee or student by the University does not preclude the possibility of criminal charges against that individual. The filing of criminal charges similarly does not preclude action by the University.

Penalties

The penalties imposed for violating this policy range from written warnings with probationary status to expulsion from enrollment and termination of employment. The choice of sanction will depend on the individual circumstances of the case, including any extenuating circumstances. Specific penalties for faculty, administration, staff, and students can be found within the areas responsible for each constituency:

For faculty: The Office of Academic Affairs

For administrators and staff: The Office of Human Resources

For students: The Office of the Vice President for Student and International Affairs / Student Conduct Office

Suspension Pending Final Disposition

The University reserves the right to suspend a faculty member, administrator, staff or student between the time of the initial charges and the impending hearing. This suspension action will be subject to the applicable personnel rules and will be invoked only if in the opinion of campus administrators, the continued presence of this individual poses a clear and immediate danger to him- or herself and/or other members of the University community. Under such circumstances, a formal hearing must be held within a requisite number of school/working days, determined by the areas responsible for each constituency, to lift the suspension or impose more severe sanctions.

View the University's current official policy.

Policies - General

Appeals

Right of Appeal

All members of the University community are entitled to fair and impartial procedures.

Appeals concerning UNF Academic policies

Any student who believes that an Academic policy imposes an undue hardship may petition that policy by submitting a Student Petition of Academic Policy (SPAP). Supporting documentation is required before a petition will be reviewed. Students will be notified via email of the results of a submitted petition. Submission of a petition does not guarantee approval. Learn more about Academic policies and regulations that may not be petitioned.

Appeals concerning course grades

Students who wish to appeal a course grade (except for the grade of "Incomplete") must do so within 90 days from the date final grades are posted. Learn more about appealing academic grades not related to academic misconduct.

View the University's current official policy concerning grade appeals.

Appeals concerning civil rights

Members of the community who believe that they have not been accorded rights under the Civil Rights Act of 1964 or Title IX of the Higher Education Amendments of 1972 should contact the Director for the Office of Title IX and Civil Rights.

Policies - General

Attendance

Student Attendance

Registered students not attending the first day of a class **may** be dropped from the course(s) at the discretion of the instructor. Please note: if a student no longer intends to remain in a course, it is the responsibility of the student to ensure that the course is dropped by the add/drop deadline published in the academic calendar. Students who are unable to attend the first class meeting due to circumstances beyond their control must notify the instructor of the course prior to the first class meeting. Students who late-register during add/drop or late registration period should not be dropped for first-day non-attendance.

Students are expected to attend all of their registered classes in order to satisfy all academic objectives as outlined by the instructor. Instructors may establish specific attendance requirements. These attendance requirements must be published in the course syllabus and disseminated at the first class meeting. It is the student's responsibility to give the instructor notice prior to any anticipated absence, and within a reasonable amount of time after an unanticipated absence. The instructor has the right to handle individual cases of student non-attendance and to determine the effect of absences upon student grades.

In the event of absences related to participation in a University-sponsored activity, instructors must allow students the opportunity to make up work due during such absences; however, it is the student's responsibility to make prior arrangements with the instructor to hand-in written materials (e.g., assignments, papers and projects) and to reschedule any activities that would normally occur during class (e.g., quizzes, tests, presentations and performances).

Instructors use a variety of means to determine the extent to which a student has met the objectives of a course. Students absent due to participation in University-sponsored activities can expect their course grades to be determined based on their performance on graded material and activities. There should not be any reduction in a student's final course grade simply because the student was absent due to a University-sponsored activity.

For the purposes of this process, a University-sponsored activity means any activity on or off campus which is initiated, aided, authorized or supervised by the University, such as academic field/study trips, experiential learning activities, intercollegiate athletic events (competition and travel related to competition; does not include practice), official meetings of student government leaders, University programming and international travel. In case of a disagreement about whether an activity constitutes a University-sponsored activity, the Provost shall make the determination.

Students who have been administratively dropped from a class roster for failure to pay fees may continue attendance until the reinstatement deadline, as published in the academic calendar. Only those students who are enrolled in classes are permitted to attend class beyond the reinstatement period. Special guests may be permitted to attend specific class sessions with the permission of the instructor and in compliance with fire code capacity and other safety protocols.

Non-attendance does not guarantee that a student will be dropped from a course. Students are fee liable for all courses in which they are registered unless the student initiates a drop during the add/drop period as published in the UNF Academic Calendar.

Policies - General

FERPA

Release of Student Information (FERPA)

Upon written request, students may review their academic records. This review is subject to guidelines outlined by University policy and by the provisions of the Family Educational Rights and Privacy Act of 1974 (FERPA) as amended.

- Education records or personally identifiable information contained in student records shall be released or open for inspection to only the student, parent(s), or legal guardian(s) of dependent students as defined in Section 152 of the Internal Revenue Code of 1954. "Personally Identifiable" means that the data or information includes the name of the student, the student's parent(s), or other family member(s), the address of the student, a personal identifier such

as the student's social security number or a University issued student ID number, a list of personal characteristics or other information which would make the student's identity easily traceable. "Education records" are those records maintained by the University and employees or agents of the University which contain educational information directly related to a student. "Record" includes any information or data recorded in any medium including, but not limited to scanned documents, handwriting, print, tapes, film, microfilm and microfiche. "Agents" are any individuals who, pursuant to express or implied authorization, represent and act for the University. The custodian of the records shall require that those requesting access (the student, parent, or legal guardian) present proper identification such as a valid driver's license or passport. The request must be in writing and signed by the person seeking access or release. A copy of the request for access or release shall be retained in the student's file. The custodian shall have 45 days in which to comply with the request. When the record includes information on more than one student, the custodian shall release or permit access to only that part of the record which relates to the student who is the subject of the request. Students requesting the release of personally identifiable information contained in their records to others must provide the custodian of such records with a signed, written request specifying the information to be released, the purpose(s) for such release, and the person or organization to whom such information shall be released. The custodian of the records shall retain a copy of all requests for access and releases.

- "Student" is defined as an individual who is or has registered for an on- or off-campus program leading to the award of academic credit from the University. While this definition applies specifically to credit students, the University's policy is to exercise good judgment in protecting all records of individuals participating in University-sponsored programs.
- The University may disclose identifiable information from student educational records without student consent to the following:
    - officials and faculty of the University or other state of Florida school official(s) who have a legitimate educational interest in the information;
    - officials of other schools in which the student seeks to enroll;
    - federal, state, local and independent agencies and representatives as authorized by federal and state law who have a legitimate educational interest in the information;
    - officials presenting a judicial order or lawfully issued subpoena;
    - appropriate parties in a health or safety emergency;
    - parent(s) or legal guardian(s) of a dependent student as defined in Section 152 of the Internal Revenue Code of 1954, after presenting proof of student dependency and in accordance with the USA Patriot Act of 2001.
    - Additionally, because of the University's commitment to continuous improvement of educational services, One-Stop Student Services will furnish copies of transcripts to the institutions previously attended by the student for use in ongoing programs of research and improvement at these institutions. Grade information will also be made available for studies conducted to improve academic quality within public higher education in Florida. These policies are sanctioned under the provisions of the Family Educational Rights and Privacy Act of 1974, as amended.

- Right to Waive Access to Letters of Recommendation: Students have the right to waive their access to letters of recommendation and other confidential statements. Such waivers are not required as a condition of admission, the receipt of financial aid, or receipt of any other benefits.

Right to Request Copies and Copy Fees

The University reserves the right to deny a request for copies of educational records made by a student or eligible parent or legal guardian when there is a financial obligation to the University which has not been satisfied or when there is an unresolved disciplinary action pending against the student.

The University will charge the following fees for furnishing copies of student records and reports or any material included therein:

1. UNF transcripts: There is an $8 charge per transcript (plus a $2.50 service fee). Transcripts from previous educational institutions or standardized test scores must be requested from that institution or testing agency.
2. Copies of all other educational records: 15 cents per page for copying plus any administrative costs incurred for search, retrieval, and mailing. (Note: copies cannot be provided on-demand)

Requests for educational records should be submitted in writing to One-Stop Student Services for review by the Office of Records and Registration. This request should include the specific education records being requested and the purpose of the disclosure. The student record custodian shall have 45 days from the date of receipt to comply with the request. Other student record information regarding health, law enforcement, finances, pre-attendance, employment, housing, disciplinary, personal non-academic counseling and international student records should be made directly to the appropriate offices. Picture identification is required when picking up copies of information related to student records. If someone other than the student is picking up this information prior written authorization from the student and valid photo identification is required.

Right to Explanation and Interpretation

1. Current and former students are entitled to a response from the University to reasonable requests for explanation and interpretation of their records and to have an opportunity for a hearing to challenge the contents of their educational records in order to ensure that the records are not inaccurate, misleading or otherwise in violation of the privacy or other rights of the student, and to provide an opportunity for the correction or deletion of any such inaccurate, misleading or otherwise inappropriate data contained, and to insert into such records a written explanation by the student regarding the content of such records. The University will first attempt to settle a dispute with the student regarding the content of the student's educational records through informal meetings with the student.
2. Any challenge to a student's record that cannot be resolved in the office maintaining the record shall be processed through the student grievance procedure. Student grievance procedures may be obtained from the Office of the Vice President for Academic and Student Affairs or One-Stop Student Services.
3. If, as a result of a hearing, the University decides that the information is not accurate, is misleading or is otherwise in violation of the privacy or other rights of the student, the University shall inform the student of the right to place in the educational record of the student a statement commenting upon the information in the educational record and/or setting forth any reasons for disagreeing with the decision of the institution. (Specific authority 228.093, 240.227(1), 240.237 Florida Statute. Law implemented 228.093, 240.237 Florida Statute).

Directory Information

In accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA) as amended, the University of North Florida defines public or directory information as follows:

"Name, mailing address, telephone number, dates of attendance, admitted college/majors, degree(s) awarded, status (full- or part-time), classification (freshman, sophomore, etc.), participation in officially recognized activities and sports, Honors, weight/height of athletes and student images, including photographs, videos or any other media containing a student's image or likeness."

Directory information, as defined by the University of North Florida, may be released at the University's discretion without the student's expressed consent unless a request for non-disclosure is submitted by the student through myWings. Non-disclosure shall remain in effect until the student removes the non-disclosure option from their account in myWings or gives written request to remove said non-disclosure to One-Stop Student Services. Instructions for accessing the online Non-Disclosure Request can be found on the FERPA website.

The University will honor a student's request to not release directory information but cannot assume responsibility for contacting the student for subsequent permission to release this information. Prior to releasing requested information for students who completed a non-disclosure request, the University requires that the individual or organization requesting the information supply written permission from the student confirming that the requested information can be released. Regardless of the effect on the student, the University assumes no liability for honoring a student's instructions that such information be withheld.

Students should be aware that they cannot hold the University of North Florida liable for the consequences of honoring their instructions to withhold directory information.

View the University's current official student records accessing policy.

Policies - General

GALC

Graduate Academic Learning Compact

OBJECTIVE & PURPOSE

This policy identifies the minimum content of Graduate Academic Learning Compacts (GALCs) at the University of North Florida. It articulates a sequence of steps that must be followed to ensure that GALCs reflect essential learning outcomes, that they are kept up to date, that their learning outcomes are assessed on a regular, recurring basis, and that the results of their assessment inform continuous program improvement. The purpose is to ensure clear communication to students of program learning outcomes and their means of assessment, and to ensure continuous review and improvement of program quality.

STATEMENT OF POLICY

Each graduate academic major offered by the University of North Florida will have a published Graduate Academic Learning Compact (GALC) which can be viewed by students and other interested parties. This publicly available GALC will clearly articulate:

- a program mission statement.
- learning outcomes for program graduates. These outcomes must address, at a minimum, (a) knowledge of the literature of the discipline and (b) engagement in independent research and/or professional practice. Additional outcome categories might include communication skills appropriate to the discipline, critical thinking skills, ethical conduct, and other categories that are discipline-specific and/or required by professional accrediting bodies.
- a summary of the types of assessments students might encounter in the program and that faculty will use to judge how student learning reflects the expected outcomes.

In addition, the internally available portion of the GALC will contain:

- a curriculum map that demonstrates how program instructional content supports student attainment of the identified outcomes.
- a plan for a four-year cycle of assessment that includes assessment and continuous improvement of each outcome based on the results of the most recent assessment.

It is the responsibility of the academic departments to ensure each GALC is kept up to date and to create a GALC for each new graduate program proposal.

STATEMENT OF PROCEDURES

The following procedures will be used in implementing this policy:

1. New program proposals must be accompanied by a draft GALC for the program. These draft GALCs will be reviewed and approved by the Office of Institutional Effectiveness.
2. As faculty change programs of study or make other curricular modifications within a major through the APC process, they are obligated to update the corresponding GALC as appropriate.
3. Assessments must include the validation of programmatic efficacy beyond having one faculty member grade their students' work for a course that they taught. External validation can include departmental faculty committee review of student work completed in a graduate thesis, dissertation, or capstone course, or the use of discipline-specific national or state examinations, certification, or licensure test evaluation procedures. Except in unusual and well-justified circumstances, course grades may not be used as evidence of learning.
4. Faculty will implement and review the results of the assessments listed in the GALC on a cyclical basis, with a minimum of two outcomes assessed each year, with each outcome assessed at least every four years, and with a plan for and results of a continuous improvement process for each outcome documented on an ongoing basis.
5. Faculty teaching in the program will use the results of the assessments identified in the GALC during their respective program reviews in determining program effectiveness. The results from the GALCs will also be used in meeting institutional accreditation standards.
6. When appropriate, faculty may use outcomes and/or assessment systems developed for professional accrediting bodies as part of their GALCs. If these do not include all the key elements required in a GALC, they must be supplemented to include the missing elements.
7. The Office of Institutional Effectiveness will conduct a yearly audit to ensure that complete and updated GALCs are posted on the UNF website.

View the University's policy on Graduate Academic Learning Compact.

Policies - General

Grad Fac Member

Graduate Faculty Membership and Review

Definition

Graduate faculty are those faculty who meet eligibility criteria to teach graduate courses and/or to offer direct assistance to graduate students. Teaching graduate courses does not automatically confer graduate faculty status.

Two categories of graduate faculty are recognized: Research Graduate Faculty and Teaching Graduate Faculty. Faculty who are approved as Research Graduate Faculty are permitted to teach graduate courses, serve on graduate student exam/thesis/dissertation committees, serve as Graduate Program Directors, and participate on the Graduate Council. Faculty who are approved as Teaching Graduate Faculty are permitted to teach specified graduate courses. Teaching Graduate Faculty may serve as a Graduate Program Director with approval of the college dean and graduate school dean. They can only serve on student exam/thesis/dissertation committees as an additional member beyond the minimum required membership established by the graduate program. Exceptions to this policy must be approved by the college dean and graduate school dean.

Eligibility

The Graduate School determines qualifications for both Research Graduate Faculty and Teaching Graduate Faculty based on eligibility criteria detailed below and monitors each category's appointments.

Research Graduate Faculty

Faculty on tenured or tenure-earning lines who possess a doctorate/terminal degree are automatically classified as members of the Research Graduate Faculty.

Teaching Graduate Faculty

Faculty on continuing lines (e.g., instructors, lecturers, clinical faculty) who possess a doctorate/terminal degree are eligible to become members of the Teaching Graduate Faculty. Academic departments are required to provide evidence of a Teaching Graduate Faculty candidate's continuing scholarship, creative activity, and/or clinical practice, as appropriate to the discipline and teaching assignments.

Faculty without a terminal degree, adjuncts and visiting faculty are ineligible for graduate faculty status. A Request for Non-Graduate Faculty to Teach Graduate Courses is required for requests to assign these individuals to teach a graduate course.

Appointment

The initial appointment of Research Graduate Faculty is automatic upon hire for faculty who possess a doctorate/terminal degree and are hired into a tenured or tenure-earning position. College Deans reserve the right to revoke Research Graduate Faculty membership with appropriate notice.

The initial appointment of Teaching Graduate Faculty may be recommended to the Dean of the Graduate School at any time. Academic department chairs may recommend qualified faculty who are, or will be, actively involved with teaching graduate courses for appointment to Teaching Graduate Faculty. The Dean of the College will review each nomination and add a recommendation. (The College Dean has the right not to forward names she/he does not judge to be appropriate.) The nomination will then be forwarded to the Dean of the Graduate School, with accompanying documentation of eligibility (e.g., curriculum vitae, faculty credentialing matrix), for final review and approval.

Renewal of Graduate Faculty Membership Status

The initial appointment of Teaching Graduate Faculty may be recommended to the Dean of the Graduate School at any time. Academic department chairs may recommend qualified faculty who are, or will be, actively involved with teaching graduate courses for appointment to Teaching Graduate Faculty. The Dean of the College will review each nomination and add a recommendation. (The College Dean has the right not to forward names she/he does not judge to be appropriate.) The nomination will then be forwarded to the Dean of the Graduate School, with accompanying documentation of eligibility (e.g., curriculum vitae, faculty credentialing matrix), for final review and approval.

View the University's official policy on Graduate Faculty Membership and Review.

Policies - General

Grad Ind Learn

Graduate Program Independent Learning Policy

All graduate and post-baccalaureate professional degree programs at the University of North Florida include opportunities for students to participate in independent scholarly/research engagement and/or appropriate professional preparation experiences. These opportunities may be offered through traditional thesis or dissertation experiences, culminating experience projects, or assignments embedded in particular courses in a program.

View the University's official policy on Graduate Program Independent Learning Policy.

Policies - General

Intellect Prop

Rights of Students to Intellectual Property

Students who utilize University support in producing intellectual property, other than a directed work, have the right to share in any proceeds derived from the intellectual property in accordance with the distribution procedure set forth in the University's policy on patents, copyrights, trademarks and other intellectual property. However, it is not the intent of the University to assert rights to works for which the intended purpose is to disseminate the results of academic research or scholarly study. Students who develop intellectual property utilizing entirely their own independent efforts, as defined by University policy, are not required to share with the University the intellectual property rights derived from their independent efforts.

View the University's current official policy.

Policies - General

Internet

Computer and Internet Access

All students are required to have access to a personal computer with Internet access. Every currently enrolled student has been provided with an email account at no cost to the student. Email is the official method of communication for University correspondence.

These University-provided email addresses are the only officially recognized email addresses for all currently enrolled students.

UNF email accounts should be checked regularly.

View the University's current official policy.

Policies - General

Sexual Misconduct

The University of North Florida is committed to providing all students, faculty, staff, vendors, visitors or others, an environment where they can work, study and interact with each other in a safe and dignified learning community free from any form of sexual misconduct. This regulation provides guidance regarding conduct that constitutes sexual misconduct, reporting responsibilities regarding such conduct and information on complaint procedures to address alleged violations of this regulation.

For purposes of this regulation, "sexual misconduct" includes sexual exploitation, sexual harassment, non-consensual sexual contact, non-consensual sexual intercourse, dating violence, domestic violence and stalking, each as more fully defined below. Sexual misconduct violates University policy and federal civil rights law and may also be subject to criminal prosecution. The University is committed to fostering an environment that promotes prompt reporting of all types of sexual misconduct and timely and fair resolution of sexual misconduct complaints.

When addressing complaints against faculty, staff, contractors or visitors, determining whether alleged conduct constitutes sexual misconduct or retaliation in violation of this regulation, the conduct will be evaluated from the perspective of a reasonable person in the alleged victim's position considering the totality of the circumstances, such as the nature of the alleged conduct and the context in which the alleged conduct occurred. In an academic setting, consideration will be given to free speech and academic freedom. For example, expression that is intended to facilitate discourse or debate in a classroom setting or open debate forum may be considered appropriate, but similar expression in the workplace may be unwelcome and inappropriate in the context of communications between employees. Those found to have violated this prohibition against retaliation will be subject to disciplinary action up to and including suspension or expulsion for students and termination for employees.

Any member of the University community who believes that he or she has been subjected to sexual harassment; any member of the community who believes that he or she has been subjected to retaliation related to an allegation of sexual misconduct; or any member of the community who believes that others have been subjected to sexual harassment in violation of this regulation, may seek guidance, counseling or file a complaint in accordance with this regulation by contacting: **Director, Office of Title IX and Civil Rights**, University of North Florida, J. J. Daniel Hall, Room 1201, 1 UNF Drive, Jacksonville, Florida 32224-2645, (904) 620-2507 Voice and TDD and (904) 620-1004 fax or via 711 Florida Relay for persons who are deaf or hard of hearing or those with speech impairments and/or limitations.

View the University's current official policy.

Policies - General

Custodian of Records

Different types of student records are kept by various offices at the University of North Florida as indicated below. In accordance with University policy and state and federal regulations, the right to inspect and review records may be exercised by presenting a written request to the appropriate custodian:

- Athletes: Athletic Office
- Educational Records: University Registrar
- Financial Aid Records: Enrollment Services
- Non-Academic Counseling Records: Academic and Student Affairs
- Student Disciplinary: Academic and Student Affairs
- Student Health/Medical: Office of Student Health Services
- Student Placement Records: Enrollment Services
- Student Services: Academic and Student Affairs

Policies - General

Transfer Rights

Transfer Student Bill of Rights

Those who earn an Associate in Arts degree (A.A.) from a Florida public university, state college or community college are guaranteed certain rights as outlined in the Statewide Articulation Agreement, 1007.23 F.S.

- Admission to one of the state universities, except to Specialized Admissions (formerly Limited Access) programs which have additional admission requirements
- Acceptance of at least 60 semester hours by the state universities toward the baccalaureate degree;
- Adherence to university requirements and policies based on the catalog in effect at the time the student first entered a Florida public college, provided the student maintains continuous enrollment;
- Transfer of equivalent courses under the Statewide Course Numbering System;
- Acceptance by the state universities of credit earned in accelerated programs (e.g., CLEP, AP, Excelsior College Examinations, Dual Enrollment, Early Admission, International Baccalaureate and University of Cambridge International Examinations, etc.);
- No additional General Education Core requirements;
- Advance knowledge of selection criteria for Specialized Admissions programs; and
- Equal opportunity with native university students to enter Specialized Admissions programs.

A.A. students who feel that they have not been accorded their rights should contact One-Stop Student Services.

Members of the community who believe that they have not been accorded rights under the Civil Rights Act of 1964 or Title IX of the Higher Education Amendments of 1972 may submit inquiries to the Office of Title IX and Civil Rights.

See more information on Admissions - Articulation & Institutional Agreements.

Policies - General

UG Class

Undergraduate Student Classification

Undergraduate students are classified as follows:

YEAR	EARNED CREDITS
Freshman	0 - 29
Sophomore	30 - 59
Junior	60 - 89
Senior	90 - 120 (including at least 30 upper-level credit hours)

Policies - General

Univ Class/Majors

University Classification and Majors

Students entering the University of North Florida as freshmen may not be classified within a department or division and may be assigned to an academic advisor in the First Year Advising Office. After completion of 30 credit hours, students must declare a major and establish an official program of study within one of these academic units: the Brooks College of Health; the Coggin College of Business; the College of Arts and Sciences; the College of Computing, Engineering and Construction; or the Silverfield College of Education and Human Services.

Association with an academic unit effectively classifies the student, facilitates advisement and career planning, and enables the development of an appropriate program of study plan to support timely graduation. This program of study plan may be amended to accommodate additional required courses as well as waivers and/or substitutions of courses. The programs listed in this catalog show the generally accepted courses necessary for completion of degree program requirements.

The University may disallow a student's continued enrollment in a major if it is determined they are not meeting degree progression standards. See the official degree progression and change of major policy for further details.

Admissions - General

First-Time-in-College Admission Requirements

A freshman is a current high school student and applicant who has earned fewer than 12 transferable semester credits after high school graduation. Applicants who received their high school diploma and an Associate of Arts (A.A.) degree at the same time should complete the freshman application.

If an applicant who earned their A.A. degree while in high school is not able to be admitted as a freshman, they will be offered the chance to be reconsidered as a junior-level transfer student.

Please also refer to the General Admissions official policy.

Application Requirements



Please submit the following materials to the Office of Admissions by the posted deadlines to be considered for admission to UNF. Only minimum requirements for admission are provided; satisfaction of these minimums does not guarantee admission.

- Online admission application
- $30 non-refundable application fee or an application fee waiver
- Official high school transcripts or a G.E.D.
- Official transcripts from any credit-earning mechanism
- CLT, SAT and/or ACT score reports
- Official transcripts from each post-secondary institution attended, including military and dual enrollment transcripts

All transcripts, test scores, and documentation of credit-earning mechanisms must be official, arriving at the Office of Admissions directly from the originating school or testing agency. Official documents are received directly from the awarding institution or delivered in their original, sealed envelope. All application materials must be received by the Office of Admissions by close of business on the posted deadline date to be considered complete. Incomplete applications will not be processed.

Admission application

Incoming freshmen may apply for entrance into the spring (January), summer (June), or fall (August) semesters. Applicants may apply for admission up to one year before their intended enrollment term. Applicants are required to submit an online application. UNF also participates in the Common Application. Applicants should apply only using one of these platforms.

Application fee

A $30 non-refundable application fee is required. Acceptable payment methods include MasterCard, Discover, Visa, or American Express when the online application is submitted, or personal check/money order made payable to UNF. Applicants should inquire with their high school guidance office to see if they are eligible for a college application fee waiver.

High school transcripts

It is the applicant's responsibility to ensure that official high school transcripts have been received by the Office of Admissions by the posted deadline. Florida public schools should send transcripts electronically via FASTER/SPEEDE, while private and non-Florida schools may mail transcripts to the Office of Admissions. High School transcripts for initial admissions consideration can have in progress (IP) coursework listed.

Applicants can submit the Self-Reported Transcript and Academic Record System (STARS – formerly known as SSAR), which allows students to enter all courses and associated grades that have been attempted, or will be attempted, for high school and/or college credits without requiring the submission of an official transcript to the university. All freshman applicants (except international students) should link their STARS to their application through their applicant portal. STARS linking steps and FAQs are available on the Office of Admissions STARS webpage.

The Office of Admissions will recalculate a grade point average (GPA) based on the following eighteen academic credits in college preparatory courses. This computation does not recognize plus or minus grades. Additional weight is given to grades of "C" or higher earned in advanced, honors, dual enrollment, AP, IB, or AICE courses. While students may not have completed all the required courses at the time an application is submitted, they are required to complete them before high school graduation and entrance into UNF.

- Four (4) years of English
- Four (4) years of math (Algebra 1 or higher)
- Three (3) years of natural science
- Three (3) years of social science
- Two (2) sequential years of the same foreign language
- Two (2) years of academic electives (optional)

Applicants are required to submit final, official transcripts reflecting graduation from high school no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until the final documents are received.

Post-secondary transcripts

It is the applicant's responsibility to ensure that an official transcript from every post-secondary institution they have attended has been received by the Office of Admissions by the deadline. Transcripts for initial admissions consideration can have in progress (IP) coursework listed.

Florida College System (FCS) and State University System (SUS) schools should send transcripts electronically via FASTER/SPEEDE, while all other institutions may mail transcripts to the Office of Admissions. The Office of Admissions computes a grade point average (GPA) for each institution attended, as well as a cumulative GPA on all college courses attempted. This computation does recognize plus or minus grades.

Applicants are required to submit final official transcripts from all post-secondary institutions attended no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until the final documents are received.

Transcripts from credit-earning mechanisms

If coursework has been completed through any credit-earning mechanism at the time of application then applicants must submit official transcripts/score reports no later than 30 days after the start of the term to which they have been admitted. Credit-earning mechanisms include but are not limited to International Baccalaureate (IB), Advanced Placement (AP), Advanced International Certificate of Education (AICE), College Level Exam Program (CLEP), Defense Activity for Non-Traditional Education (DANTES), or military SMART/Joint transcripts.

CLT, SAT and/or ACT score reports

UNF requires all applicants for freshman admission to submit either CLT, SAT or ACT scores. To have SAT scores sent to the University of North Florida, contact College Board at www.collegeboard.org or (866) 630-9305. To have ACT scores sent, contact American College Testing Program at www.act.org or (319) 337-1313. To have CLT scores sent, upload a copy through your applicant portal or have CLT send a copy to electronicprocessing@unf.edu. UNF's SAT code is 5490 and its ACT code is 0711.

The first administration of the Redesigned SAT was in March 2016. UNF will accept scores for both versions of the SAT exam for all future terms: those exams taken before March 2016 and those taken after that date. We will continue to use your highest subscore from all tests (also known as your superscore) for both admission and scholarship decisions. We will only superscore on the same version of the exam; we will not mix scores from the two versions.

To expedite the review of their admissions application, applicants can self-report their test scores at applynow.unf.edu/apply/status. Official test scores will still be required no later than 30 days after the start of the term to which they have been admitted.

Home School and G.E.D. Students

Home school applicants must submit transcripts indicating course title, semester, grade, and awarded credit for all academic courses. Please see the UNF Home School Transcript Form for assistance or a template. Official CLT, SAT, and/or ACT scores and official transcripts from accelerated mechanisms are also required.

Applicants who received a G.E.D. must submit evidence of passing scores on the subtests of the G.E.D. exams and a G.E.D. diploma, in addition to official CLT, SAT or ACT score reports.

State Academic Standards

The Florida Board of Governors has updated the minimum admission standards for freshman applicants to all Florida public state universities listed in BOG Regulation 6.002. Any student who meets the minimum admission standards in BOG Regulation 6.002 is encouraged to apply. Please keep in mind that the minimum standards only outline potential eligibility for admission to a state university. UNF's admission criteria depend on the size and competitiveness of the applicant pool and will be higher than these minimums.

An overall recalculated grade point average in academic course work as computed by UNF and scores on the SAT or the ACT program are combined to meet the minimum established by the Florida Board of Governors and the University. Some applicants who do not meet these established academic criteria, but who bring to the University other important attributes, may be considered for admission.

Decision notification process

When an application for admission is approved, the university will send a notice of admission for a specific term. All applicants are emailed an official notification. Periodically, e-mails are sent to applicants about missing application documents. Please check your Applicant Status Portal frequently to ensure that all official application documents are received.

All offers of admission are tentative and will remain so until the Office of Admissions receives and reviews final transcripts and credentials. Applicants who are admitted conditionally may enroll, subject to verification of satisfaction of all conditions of admission. Admission offers will be revoked if final coursework/credentials do not meet admission requirements.

Appeals process

An applicant who is denied admission to UNF has a right to appeal that decision. If he or she chooses to appeal, the applicant must submit the appeal form and supporting documentation detailing the reasons the application should be reviewed. Supporting documentation that substantiates the appeal may be sent to the address below:

- Admissions Office at the University of North Florida
- c/o The Director of Undergraduate Admissions
- 1 UNF Drive
- Jacksonville, FL 32224

Examples of supporting documentation include:

- Updated high school transcripts showing improved academic performance
- Improved CLT, SAT, or ACT scores sent directly from the testing agency
- If applicable, post-secondary transcripts showing satisfactory or improved college coursework
- Documentation to support situations that are out of the student's control, if applicable.

Applicants who wish to appeal based on a disability may submit documentation verifying the disability along with the letter of appeal. If applicable, we recommend that updated transcripts or new test scores are included.

Please note that there is no guarantee that an appeal decision will result in admission to the University of North Florida. The likelihood of a decision will be reversed on appeal is low.

View the University's current official policy.

Tuition deposit after admission

Freshmen are required to submit a $200 non-refundable tuition deposit no later than May 1 to secure their place in the class. The tuition deposit will not be reimbursed if the student does not enroll in the term offered for admission.

The tuition deposit will be credited to the applicant’s account and applied toward the first semester tuition. If there is a credit balance on the account at the end of drop/add, the balance will be refunded. This deposit can be waived for those who qualified for an SAT or ACT application fee waiver.

Admissions - General

Graduate Admissions

Standard Admission Requirements

There are two sets of requirements: University admission requirements and the program specific requirements of each UNF graduate program.

University Admission Requirements

1. All applicants are required to use our online system to create an account and submit an application. The application opens approximately one year in advance and is only good for the term and program in which it is submitted. Applicants who have submitted their application and wish to change their admission term or major/concentration may submit a new application and associated application fee.
2. A $30 (USD) application fee is required regardless of previous enrollment. The application fee is non-refundable and cannot be waived. Undergraduate application fees cannot be used for a graduate application, and vise versa. The application fee must be submitted prior to the review of an application.
3. All applicants must provide transcripts from a U.S. institution accredited by an accepted institutional accreditor or its equivalent from a non-US institution that awarded the bachelor’s degree and master’s degree, if applicable, and transcripts from institutions where any post-baccalaureate and/or graduate credits were earned. All international transcripts will require a course-by-course evaluation by an approved third-party credential evaluation agency unless a graduate program has established an alternative credential evaluation procedure that is approved by the graduate school.
4. All applicants, except those from countries where English is the only official language, are required to show proof of satisfactory evidence that the applicant's competency in English is adequate. Applicants whose native language is not English must meet English Language Proficiency requirements.

UNF Program Specific Admission Requirements

Students may also be required to meet specific or more stringent requirements of the program to which they are seeking admission. Such requirements may include, but are not limited to:

- Standardized test scores
- Supplemental documents (i.e. letters of recommendation, resume, personal statement)
- Licensing

Please visit the Graduate School website for a list of offered programs and their specific requirements. Students should be aware that admission into any graduate program is granted on a competitive basis. Students meeting minimum requirements may be denied admission based on such factors as program capacity or academic discretion. Likewise, students may be considered for admission as an exception if stated admissions criteria are not met.

Decision Notification

Admission decisions are provided to all applicants who have submitted a completed application with all required additional material regardless of the nature of the admission decision. Admission decision notifications are sent via e-mail after the decision is posted and can be viewed from the applicant status portal. Please note that the time frame in which a decision is made is dependent on the reviewing process of the program director or the departmental committee (if applicable).

You can view your decision e-mail by logging into your application status portal. Please note that admission decisions cannot be appealed.

Admissions - General

International Student

International Student Requirements

In addition to meeting admission standards for their chosen program and major, international students seeking to study at the University of North Florida must satisfy the following requirements to be issued a Form I-20. Information related to the admission requirements for specific majors and programs may be found in the Undergraduate and Graduate areas of this catalog. For additional information, please contact the UNF International Center

United States Immigration & Financial Requirements

1. **Certification of Finances:** The Department of Homeland Security requires UNF to ensure that international students have sufficient financial resources before issuing a Certificate of Eligibility (Form I-20). All applicants must complete and submit an Affidavit of Financial Support and Bank Certification. The Affidavit is a document signed by the applicant's sponsor (the person who will be providing the funds) stating the amount of funds that she/he will provide for the educational expenses of the student applicant. A bank official then certifies that the sponsor does have that amount of funds in his/her account. This form represents an obligation on the part of the sponsor to provide the required amount of funds as indicated on the form. Please see "Estimated Costs of Attendance for International Students" to determine the amount of funds needed to be written on the Affidavit.
2. **Transfer Students:** All applicants intending to transfer from another U.S. university must notify their current school so that the Department of Homeland Security transfer requirements can be initiated. A new form I-20 from UNF cannot be issued until the current school transfers the applicant to UNF in the SEVIS program.

Health Requirements

Before enrolling in classes at UNF, all admitted students must supply the following health certifications. These certifications are not necessary in order to apply for admission to UNF; however, they are necessary for admitted students to register for classes. Please visit the Medical Compliance section of the catalog and the Medical Compliance website for additional information.

1. **Certification of Health Insurance:** All students in an immigration status of F1 or J1 must show proof of health insurance before registering for classes. All international students are automatically enrolled in the UNF Health Insurance Plan. If you currently have alternative health insurance coverage, you may fill out the International Insurance Evaluation form available from the UNF Medical Compliance office.
2. **Certification of Immunization:** All students born after 1956 must meet immunization requirements of two doses of Measles and one dose of Rubella. All new matriculating students must provide documentation of vaccination against Meningococcal Meningitis and Hepatitis B unless the student has signed a waiver declining each of these vaccinations and acknowledging receipt and review of the University-provided information concerning Meningitis and Hepatitis B. Please refer to the Medical Compliance Immunization Form.

Admissions - General

Re-Admission

Students Seeking Re-Admission

Any former UNF student who has not enrolled at the university in the last three consecutive terms and wishes to re-enroll in the University must apply for re-admission. Transient students and non-degree-seeking students are not considered former students returning.

Application Requirements

Please submit the following materials to the Office of Admissions by the posted deadlines to be reconsidered for admission to UNF. Only minimum requirements for admission are provided; satisfaction of these minimums does not guarantee admission.

- Online admission application
- $30 non-refundable application fee

The Office of Admissions will review the new application to determine if updated application materials are needed (i.e., transcripts, test scores, etc.). Any notifications for requested materials will be sent via e-mail. Please check your Applicant Status Portal frequently to ensure that all official application documents are received.

All transcripts, test scores, and documentation of credit-earning mechanisms must be official, arriving at the Office of Admissions directly from the originating school or testing agency. Official documents are received directly from the awarding institution or delivered in their original, sealed envelope. All application materials must be received by the Office of Admissions by close of business on the posted deadline date to be considered complete. Incomplete applications will not be processed.

Admission application

Returning students may apply for entrance into the spring (January), summer (May or June), or fall (August) semesters. Applicants may apply for admission 9-10 months before their intended enrollment term. Applicants are required to submit an online application.

Collections Hold

Returning students who have a collections hold must clear their balance with the cashier's office (Student Financial Services) before reapplying. Students must pay the balance in full before holds are lifted and their application can be processed. Please note that the collection agencies remit payment to the University for the amounts collected the previous month, so holds are not released immediately.

Academic Standing

Returning students who are on probation or suspension must be reviewed by their respective department(s) for an admissions decision.

Application fee

A $30 non-refundable application fee is required . Acceptable payment methods include MasterCard, Discover, Visa, or American Express when the online application is submitted, or personal check/money order made payable to UNF. Applicants should inquire with their high school guidance office to see if they are eligible for a college application fee waiver.

Decision notification process

When an application for admission is approved, the university will send a notice of admission for a specific term. All applicants are emailed an official notification. Periodically, e-mails are sent to applicants about missing application documents. Please check your Applicant Status Portal frequently to ensure that all official application documents are received.

All offers of admission are tentative and will remain so until the Office of Admissions receives and reviews final transcripts and credentials. Applicants who are admitted conditionally may enroll, subject to verification of satisfaction of all conditions of admission. Admission offers will be revoked if final coursework/credentials do not meet admission requirements.

Appeals process

An applicant who is denied admission to UNF has a right to appeal that decision. If he or she chooses to appeal, the applicant must submit the appeal form and supporting documentation detailing the reasons the application should be reviewed. Supporting documentation that substantiates the appeal may be sent to the address below:

Admissions Office at the University of North Florida
c/o The Director of Undergraduate Admissions
1 UNF Drive
Jacksonville, FL 32224

Examples of supporting documentation include:

- Updated high school transcripts showing improved academic performance
- Improved CLT, SAT, or ACT scores sent directly from the testing agency
- Post-secondary transcripts showing satisfactory or improved college coursework
- Documentation to support situations that are out of the student's control, if applicable.

Applicants who wish to appeal based on a disability may submit documentation verifying the disability along with the letter of appeal. If applicable, we recommend that updated transcripts or new test scores are included.

Please note that there is no guarantee that an appeal decision will result in admission to the University of North Florida. The likelihood of a decision being reversed on an appeal is low.

View the University's current official policy.

Admissions - General

Special Admission

Special Admission Consideration based on a Disability

The University does not discriminate based on disability in admission or access to its programs or activities. Students who do not meet general admission requirements and have documented proof of a disability (e.g., blind or low vision, deaf or hard of hearing, motor or physical disabilities, psychological or emotional disorders, specific learning disabilities, ADHD/ADD, or other disabilities) may request consideration of the disability in the appeal process. Applicants who wish to appeal may submit documentation verifying the disability and a letter of appeal. For more information on the appeal process, please visit the Admissions webpage.

The University advises students with disabilities to register with the Student Accessibility Center (SAC) immediately upon admission to UNF. **To provide accommodations, a student must be registered with the Student Accessibility Center (SAC).**

To register with the SAC, the student must supply the SAC office with written documentation of his/her disability (see How to Register with the SAC).

Prior UNF students returning for coursework after an absence of three consecutive semesters must follow current SAC documentation requirements and policies.

APPLY NOW exit_to_app

Admissions - General

Transient Graduate

Transient Graduate Student Admission

Special Admission

Under certain circumstances students currently enrolled at other universities may enroll at UNF as "transient students" on a space available basis.

Special Admission for Transient Students

A student in good standing at an approved institution may apply to UNF for one term to complete work; the credit for which will be transferred back to the student's home institution. Applicants must submit either an official transcript or a letter from their college or university's Registrar verifying their good standing. A transient enrollment form or other documentation may be required by the program in which the student seeks to take coursework.

Special Admission for Inter-Institutional Transient Students

A student in good standing at a school participating with UNF in various exchange programs or exchange agreements may apply to UNF for one term, or for the duration of a special program, to complete work the credit for which will be transferred back to the home institution. The student must be sponsored by his or her academic dean, who is responsible for arranging with the UNF Registrar's Office and the appropriate college dean for the student's visit. The student will register at UNF and pay UNF tuition and registration fees. The process is the same for UNF students seeking to attend other institutions for a single term or for the duration of a special program. UNF students must have the support of their academic dean, who is responsible for arranging their visits. UNF students will register at and pay the tuition and fees of the institution they are visiting.

View the University's policy on Transient Student Admissions

Admissions - General

Transfer Student - Undergrad

Transfer Student Admission

Per Florida Board of Governors (BOG) Regulation 6.004, a transfer student has earned more than twelve (12) transferable semester hours **after** high school graduation but has not yet earned a bachelor's degree. Applicants who only earned their Associate of Arts (A.A.) degree while in high school and have no other coursework **after** high school graduation are considered freshmen and must complete the freshman application. If an applicant who earned their A.A. degree while in high school cannot be admitted as a freshman, they will be offered the chance to be reconsidered as a junior-level transfer student.

Application requirements

The requirements stated below are the minimum standards for admission to UNF. Please be aware that admission to some academic programs may include additional requirements. For more information on admission to the academic program, visit the UNF Specialized/Selective Admission webpage.

Please submit the following materials to the Office of Admissions by the posted deadlines to be considered for admission to UNF. Only minimum requirements for admission are provided; satisfaction of these *minimums* does not guarantee admission.

All transcripts, test scores, and documentation of credit-earning mechanisms **must be official**, arriving at the Office of Admissions directly from the originating school or testing agency. Official documents are received directly from the awarding institution or delivered in their original, sealed envelope. All application materials must be received by the Office of Admissions by close of business on the deadline date to be considered complete.

Lower-level (LL) transfer

Lower-level transfer applicants are defined as those with 12-29 transferable semester hours including in-progress coursework. Lower-level transfer applicants must satisfy the same admission requirements as incoming freshman applicants as outlined in BOG regulation 6.002.

- Online admission application
- $30 non-refundable application fee or application fee waiver
- Official high school transcripts
- Official transcripts from any credit-earning mechanisms
- CLT, SAT and/or ACT score reports
- Official transcripts from each post-secondary institution attended, including military and dual enrollment transcripts

Mid-level (ML) transfer

Mid-level transfer applicants are defined as those with 30-59 transferable semester hours including in-progress coursework. Mid-level transfer applicants may be considered for admission without meeting the incoming freshman requirements outlined in BOG Regulation 6.002. Applicants must earn at least 30 transferable semester hours including a "C" or higher in both English Composition and college-level mathematics or above, and a minimum cumulative college GPA of 2.0 ("C") or higher, including a "C" or higher average and "good standing" status (eligible to return) at the most recent college attended.

- Online admission application
- $30 non-refundable application fee or application fee waiver
- Official, final high school transcripts (may be waived)
- Official transcripts from any credit-earning mechanisms
- CLT, SAT and/or ACT score reports (may be waived)
- Official transcripts from each post-secondary institution attended, including military and dual enrollment transcripts

Upper-level (UL) transfer

Upper-level transfer applicants are defined as those with 60 or more transferable semester hours including in-progress coursework. Additional documentation may be requested, and additional requirements may exist for those applications applying to a specialized/selective admission program.

- Online admission application
- $30 non-refundable application fee or application fee waiver
- Official transcripts from any credit-earning mechanisms
- Official transcripts from each post-secondary institution attended, including military and dual enrollment transcripts

Admission application

Incoming transfer applicants may apply for entrance into the spring (January), summer (May or June), or fall (August) semesters. Applicants may apply for admission 9-10 months before their intended enrollment term. Applicants are required to submit an online application.

Application fee

A $30 non-refundable application fee is required for any application for admission. Acceptable payment methods include MasterCard, Discover, Visa, or American Express when the application is submitted, or personal check/money order made payable to UNF. Applicants who are Pell Grant eligible can submit the NACAC application fee waiver for transfer students.

High school transcripts

It is the applicant's responsibility to ensure that final, official high school transcripts are received by the Office of Admissions by the posted deadline. Florida public schools should send transcripts electronically via FASTER/SPEEDE, while private and non-Florida schools may mail transcripts to the Office of Admissions.

The Office of Admissions will recalculate a grade point average (GPA) based on the following eighteen (18) academic credits in college preparatory courses. Additional weight is given to grades of "C" or higher earned in honors, pre-AP/IB/AICE, dual enrollment, AP, IB, or AICE courses.

- Four (4) years of English
- Four (4) years of math (Algebra 1 or higher)
- Three (3) years of natural science
- Three (3) years of social science

- Two (2) sequential years of the same foreign language
- Two (2) academic electives

Applicants are required to submit final, official transcripts reflecting graduation from high school no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until final documents are received.

Post-secondary transcripts

It is the applicant's responsibility to ensure that an official transcript from every post-secondary institution they have attended is received by the Office of Admissions by the posted deadline.

Florida College System (FCS) and State University System (SUS) schools should send transcripts electronically via FASTER/SPEEDE, while all other institutions may mail transcripts to the Office of Admissions. The Office of Admissions computes a grade point average (GPA) for each institution attended, as well as a cumulative GPA on all college courses attempted. This computation does recognize plus or minus grades.

Applicants are required to submit final, official transcripts from all post-secondary institutions attended no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until the final documents are received.

Transcripts from credit-earning mechanisms

If coursework has been completed through any credit-earning mechanism at the time of application then applicants must submit official transcripts/score reports to complete their applications before the appropriate deadline date. Incomplete applications will not be processed. Credit-earning mechanisms include but are not limited to International Baccalaureate (IB), Advanced Placement (AP), Advanced International Certificate of Education (AICE), College Level Exam Program (CLEP) Defense Activity for Non-Traditional Education (DANTES), or military SMART/Joint transcripts.

CLT, SAT and/or ACT score reports

UNF requires all applicants for lower-level and mid-level transfer admission to submit either SAT or ACT scores.

To have SAT or ACT scores sent to the University of North Florida, contact College Board at www.collegeboard.org or (866) 630-9305. To have ACT scores sent, contact American College Testing Program at www.act.org or (319) 337-1313. To have CLT scores sent, upload a copy through your applicant portal or have CLT send a copy to electronicprocessing@unf.edu.

UNF's SAT code is 5490 and its ACT code is 0711.

The first administration of the Redesigned SAT was in March 2016. UNF will accept scores for both versions of the SAT exam for all future terms: those exams taken before March 2016 and those taken after that date. We will continue to use your highest sub-score from all tests (also known as your superscore) for both admission and scholarship decisions. We will only superscore on the same version of the exam; we will not mix scores from the two versions.

Home school and G.E.D. students

Home school students must submit transcripts indicating course title, semester, grade, and awarded credit for all academic courses. Please see the UNF Home School Transcript Form for assistance or a template. Official CLT, SAT and/or ACT scores and official transcripts from accelerated mechanisms are also required.

Students who received a G.E.D. must submit evidence of passing scores on the subtests of the G.E.D. exams and a G.E.D. diploma, in addition to official CLT, SAT, or ACT score reports.

Decision notification process

When an application for admission is approved, the university will send a notice of admission for a specific term. All applicants are emailed and mailed an official notification. Periodically, e-mails are sent to applicants about missing application documents. Please check your Applicant Status Portal frequently to ensure that all official application documents are received.

All offers of admission are tentative and will remain so until the Office of Admissions receives and reviews final transcripts and credentials. Applicants who are admitted conditionally may enroll, subject to verification of satisfaction of all conditions of admission. Admission offers will be revoked if final coursework/credentials do not meet admission requirements.

Appeals Process

An applicant who is denied admission to UNF for academic reasons has the right to appeal that decision. Applicants who choose to appeal must submit a letter of appeal and supporting documentation detailing why the application should be reviewed. Supporting documentation that substantiates the appeal may be sent to the address below:

Admissions Office at the University of North Florida
c/o Transfer Student Services
1 UNF Drive
Jacksonville, FL 32224

Examples of supporting documentation include:

- Updated high school transcripts showing improved academic performance
- Improved CLT, SAT or ACT scores sent directly from the testing agency
- If applicable, post-secondary transcripts showing satisfactory or improved college coursework or
- Documentation to support situations that are out of the student's control, if applicable.

Applicants who wish to appeal based on a disability may submit documentation verifying the disability along with the letter of appeal. If applicable, we recommend that updated transcripts and/or new test scores are included.

Please note that there is no guarantee an appeal decision will result in admission to the University. The likelihood of a decision being reversed on an appeal is low.

View the University's current official policy.

Transfer Student Resources

- University's Official Regulation

- Transfer Student Bill of Rights
- Foreign Language Requirement

View the University's current official policy for undergraduate transfer student admissions.

Admissions - General

General Admissions

Admissions

To learn more about general admissions to the University of North Florida, view the University's current official policy for the process by which applicants to the University of North Florida apply and have their application reviewed for admissions.

Policies - Courses

Course Designations

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida's Statewide Course Numbering System (SCNS). This numbering system is used by all public postsecondary institutions in Florida and by participating nonpublic institutions to facilitate the transfer of courses between participating institutions. Courses are identified with an alphabetic and numeric coding system. The alphabetic abbreviation identifies the course content. The numbers have the following meaning:

COURSE DESIGNATIONS	LEVEL
1000 and 2000 series	Freshman- or sophomore -level courses (lower-level)
3000 and 4000 series	Junior- or senior-level courses (upper-level)
5000 series	Beginning graduate-level courses
6000 series and higher	Graduate-level courses

View a more detailed explanation of the Florida State Numbering System.

Policies - Courses

Add/Drop

Adding/Dropping Courses and Late Registration

Students should exercise care when registering to avoid the necessity of schedule changes after classes have begun. Classes may be added or dropped from a student's schedule during a term's registration period through the last day of add/drop. Course adds and drops may be completed via the myWings web portal or in-person at One-Stop Student Services. Courses officially dropped during the add/drop period will generate a refund and will not appear on a student's permanent record.

If a student discontinues attendance in a course without officially dropping or withdrawing, a final grade of "F" may be assigned.

Non-attendance and/or failure to pay does not guarantee that a student will be dropped from their class(es). Students are fee liable for all courses for which they register. Students must drop themselves from any courses for which they do not wish to remain enrolled.

A Late Registration fee of $100 is assessed for students whose first registration activity for a given semester occurs during add/drop week or for students who add a class during Late Registration after the add/drop period has ended. Students are not charged the Late Registration fee for every class added- this fee is assessed only once per term.

Students are not permitted to add a course after the add/drop period ends unless there are unusual circumstances clearly beyond the student's control. When such a case exists, the student must complete a Request for Late Registration Form and obtain all necessary approvals (signatures). Students must submit completed forms to One Stop Student Services either in-person or via their secure UNF email. A Late Registration fee of $100 will be added to the student's account. A Late Payment fee of $100 may also be assessed. The Late Registration deadline is posted on the Academic Calendar. Students wishing to register for a course after the posted Late Registration deadline must submit a Student Petition of Academic Policy (SPAP), supported by a statement of extenuating circumstances and proper documentation, to be considered for late-adding a course. The SPAP Committee makes final decisions on petitions to add courses after the late registration deadline.

Courses that are scheduled to meet for the first time after the add/drop period ends may be dropped the next business day by contacting One-Stop Student Services either in-person or via secure UNF email. Tuition payments are still due on the regular deadline for all classes.

Please refer to the Academic Calendar for specific registration and add/drop dates and specific registration deadlines

Policies - Courses

Cross-Level Listing

Cross-Level Listing of Graduate and Undergraduate Courses

Cross-level listing occurs when an undergraduate and graduate course are offered at the same time, with the same instructor, and in the same physical or online space. While the classroom experience is shared between the undergraduate and graduate students, the actual courses are expected to have content, learning outcomes, and assessment measures that are both separate and distinct.

In general, the cross-level listing of undergraduate and graduate courses should be rare and require compelling, academically defensible rationales for combining students of such different academic levels. Graduate level work must demonstrably involve a greater degree of analysis, synthesis, rigor, critical thought, and independence than undergraduate-level work. Therefore, if it is necessary for an undergraduate and graduate course to be cross-level listed, it is imperative that a clear distinction is made in the student learning outcomes and in the work of the students. In this event, the following guidelines should be observed:

- Acceptable configurations of such courses include only 4000/5000 and 4000/6000 cross-listings. Undergraduate courses at the 3000 level or below should not be cross-listed with a graduate course.

- Each course must have a separate syllabus, and specific student learning outcomes are to be provided for each course clearly indicating the greater degree of analysis, synthesis, rigor, critical thought, and independence required for the graduate course. Differentiated syllabi will be approved by the appropriate designee as determined by the college and Graduate School review process.
- The expectations of graduate students must be commensurate with the level of the graduate course and exceed the expectations of the academic content of the undergraduate course. Graduate students are to do more difficult work, not just more work, than undergraduate students.
- Course titles should be similar but do not need to be identical.
  Courses that do not meet the above qualifications for cross-level listing may not be cross-listed or taught together at the same time and/or in the same space. Approved courses are based on submitted content only and do not apply if course details such as assigned instructor, title/topic or level changes occur. Courses that vary by term, such as Special Topics, require unique approvals for each topic offered. Exemptions to this policy must be approved by the Provost and Dean of the Graduate School. Courses will not be formally scheduled until approved.

View the University's current official policy on cross-level listing of courses.

Policies - Courses

Grad Courses

Graduate Program Course Level

Eighteen hours of any UNF graduate degree must be successfully completed at the 6000 level. All graduate and post-baccalaureate professional degree programs at the University of North Florida shall include only courses at the 5000 level and above. This does not include:

1. Pre-requisites
2. Minors
3. Teacher certification add-on programs
4. Field-based coursework connected to teacher certification programs

View the University's official policy.

Policies - Courses

Military Courses

Military Coursework

This regulation applies to eligible members of the United States Armed Forces. The basis for this regulation (6.013 - Military Veterans and Active Duty) can be downloaded and viewed from the FLBOG Regulations website, which governs the awarding of appropriate academic college credit for college-level training and education acquired in the military.

1. College credit will be granted to students with military training, experience, or coursework that is recognized by the American Council on Education (ACE) and the Articulation Coordinating Committee for Military Experience Equivalency List. Military training, experience or coursework is subject to regular institution transfer practices including limitations on amount (maximum of 21 hours) and level of transfer credit. The process is subject to the same treatment as any other transfer credit evaluated.
2. The ACE Guide to the Evaluation of Educational Experiences in the Armed Services will be used to determine equivalency and alignment of military coursework with appropriate university courses.
3. If the course to which the military training or coursework is equivalent fulfills a general education or major course or degree program requirement at the receiving institution, the credit should count towards graduation and meet a requirement accordingly. Otherwise, appropriate course credit including free elective course credit will be granted.
4. The credit that was previously evaluated and awarded by a college degree granting institution, and that is appropriate to the transfer student's major at the university, should be accepted, subject to institutional limit on the amount and level of transfer credit allowed for a given degree.

Policies - Courses

Florida State Numbering System

Florida's Statewide Course Numbering System

Courses in this catalog are identified by prefixes and numbers assigned by Florida's Statewide Course Numbering System (SCNS). This numbering system is used by all public postsecondary institutions in Florida and by participating nonpublic institutions to facilitate the transfer of courses between participating institutions. Students and administrators can use the SCNS website at https://flscns.fldoe.org/ to obtain course descriptions and specific information about course transfer between participating Florida institutions.

Each participating institution controls the title, credit and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to the type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the SCNS. The listing of prefixes and associated courses is referred to as the "SCNS taxonomy." Descriptions of the content of courses are referred to as "statewide course profiles."

Example of Course Identifier

EXAMPLE OF COURSE IDENTIFIER							
PREFIX	**LEVEL CODE**	**CENTURY DIGIT**	**DECADE DIGIT**	**UNIT DIGIT**	**LAB CODE**		
	(first digit)	(second digit)	(third digit)	(fourth digit)			
ENC	1	1	0	1			
ENGLISH COMPOSITION	Lower (Freshman) Level at this institution	Freshman Composition	Freshman Composition Skills	Freshman Composition Skills I	No laboratory component in this course		

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and the same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions, as listed below in Exceptions to the General Rule for Equivalency.

For example, a freshman composition skills course is offered by 84 different public and nonpublic postsecondary institutions. Each institution uses "ENC_101" to identify its freshman composition skills course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, "ENC" means "English Composition," the century digit "1" represents "Freshman Composition," the decade digit "0" represents "Freshman Composition Skills," and the unit digit "1" represents "Freshman Composition Skills I."

In the sciences and certain other areas, a "C" or "L" after the course number is known as a lab indicator. A "C" represents that there is a combined lecture and laboratory within a course, while an "L" represents a standalone laboratory. Course transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, ENC 1101 is offered at a community or state college and the same course is offered at a state university as ENC 2101. A student who has successfully completed ENC 1101 at a Florida College System institution is guaranteed to receive transfer credit for ENC 2101 at the state university should the student transfer. Because ENC 1101 is equivalent to ENC 2101, as student is not required to take ENC2101 again. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent. NOTE: Credit generated at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on the semester-term system. For example, 4.0 quarter hours often transfers as 2.67 semester hours.

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

Authority for Acceptance of Equivalent Courses

Section 1007.24(7), Florida Statutes, states:

Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

Exceptions to the General Rule for Equivalency

Since the initial implementation of the SCNS, specific disciplines or types of courses are exempt from the guarantee of transfer for equivalent courses rule. These include courses that must be evaluated individually or courses in which the student must be evaluated for mastery of skill and technique. Transferability is at the discretion of the receiving institution. The following courses are exceptions to the general rule for course equivalencies and may not transfer:

1. Courses not offered by the receiving institution
2. Courses offered prior to the established transfer date of the course in question (for courses at non-regionally accredited institutions)
3. Courses in the _900-999 series are not automatically transferable, and must be evaluated individually; these include such courses as Special Topics, Experimental, seminars, internships, apprenticeships, practicums, Study Abroad, Thesis and Dissertations (including any similar individualized courses with numbers other than those in the 900-999 series)
4. Applied academics for adult education courses
5. College preparatory (developmental or remedial) and career preparatory courses
6. Graduate courses
7. Applied courses in the performing arts (Art, Dance, Interior Design, Music and Theatre) and skills courses in Criminal Justice (academy certificate courses) are not guaranteed as transferable; these courses need evidence of achievement (i.e., portfolio, audition, interview, etc.)

Note: Transferability is at the discretion of the receiving institution.

Courses at Non-Regionally Accredited Institutions

The SCNS web page contains a report entitled "Courses at Non-Regionally Accredited Institutions" that includes a comprehensive listing of all nonpublic institution courses in the SCNS inventory as well as each course's transfer level and transfer effective date. This report is updated monthly.

Questions about the SCNS and appeals regarding course credit transfer decisions should be directed to the Office of Records and Registration or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, 325 West Gaines Street, Tallahassee, Florida 32399-0400.

To request special reports and technical information, call the Statewide Course Numbering System office at (850) 245-0427 or at https://flscns.fldoe.org/ .

Online Course Credit

Acceptance of Online Course Credit

Undergraduate, degree-seeking students who are admitted to the University and who have completed online college level courses prior to initial enrollment may request that the University evaluate that coursework to determine if credit may be awarded by submitting an official transcript to the Office of Admissions.

The basis for this regulation can be found in the Florida Board of Governors BOG 6.020 College Credit for Online Course Completed Prior to Initial Enrollment, which governs the evaluation and acceptance of coursework through online courses. All University policies and procedures that result in a less stringent application of this requirement shall be superseded.

View the University's current official policy on acceptance of online course credit completed prior to initial enrollment.

Policies - Enrollment

Concurrent Enrollment

Concurrent Enrollment refers to currently registered, degree-seeking undergraduate UNF students who wish to earn credit at another appropriately accredited post-secondary institution for transfer back into a UNF degree program. Students seeking to concurrently enroll at another institution and transfer credits back to UNF must obtain approval from their UNF academic advisor. Prior to concurrently enrolling at a Florida public community college, state college, or State University System (SUS) institution, students must go to www.Floridashines.org and complete the online Transient Student Admission Application.



Students seeking to concurrently enroll at an appropriately accredited private or out-of-state institution must obtain approval from both their advisor and from One-Stop Student Services prior to concurrently enrolling in a private or out-of-state institution. Paper Concurrent Enrollment Request forms are available from their academic advisor's office or from One-Stop Student Services.

Once a student is admitted to and enrolled at UNF, transfer credit earned as a concurrent student may not be used to satisfy UNF degree requirements unless the credits were approved by the appropriate academic advising office.

Upon completion of the course(s), the student must have an official transcript from the host institution sent to UNF.

Students may be eligible for financial aid for approved courses taken concurrently at another institution. For additional information, please review the information online regarding Concurrent and Transient Enrollment and Consortium Agreements.

Limited Concurrent Enrollment Hours for Lower-Division Students

For lower-division students (those who matriculate with fewer than 60 credit hours), Concurrent Enrollment is limited to seven semester hours at another appropriately accredited institution, pending academic advisor approval. Students needing to satisfy the Florida Board of Governors' nine-hour summer residency requirement, who have not previously completed any concurrent enrollment, may be approved to concurrently enroll for a maximum of nine semester hours at one of the 12 SUS institutions for one or more summer semesters. To fulfill the summer residency requirement, a student may be approved for seven hours of concurrent enrollment at another appropriately accredited institution OR they may be approved for up to nine hours at an SUS institution. A student may not be approved for both methods. Exceptions to this policy may be approved for students participating in study abroad opportunities or for students facing other extenuating circumstances.

Policies - Enrollment

Continuous Enrollment

Continuous Enrollment

The University of North Florida defines continuous enrollment as enrollment in the University without a non-enrollment period of three or more consecutive semesters, including summer terms. Credits earned at other institutions during any semester, while not registered at UNF, will not constitute continuous enrollment at UNF. Students who break continuous enrollment must reapply for admission to UNF and are subject to all admission requirements and criteria at the time of reapplication and, in most cases, must pay an application fee. Students who break continuous enrollment are also subject to the program requirements published in the catalog for the academic year in which they reinitiate enrollment at UNF.

Policies - Enrollment

Dual Enrollment

Dual Enrollment

Students wishing to apply to the UNF Dual Enrollment program must be approved by high school or home school officials. Eligibility for participation is set by written agreement between UNF and select school districts and private schools as well as with home education students and their guardians.

Dual enrollment students are not eligible for UNF Admissions scholarships, grants, or financial aid.

All dual enrollment courses taken through UNF must be approved by the appropriate school officials. Public school, private school, and home education students planning to participate in dual enrollment should do so after consultation with their high school counselor or home education administrator to ensure that the courses meet at least one of the following criteria:

1. UNF general education requirements,
2. Prerequisite or lower-division requirements for the student's intended major, and/or
3. Substitution or elective hours in the student's intended major

In addition, comparable high school courses should be unavailable at the applicant's secondary institution and the university must have space available in the requested class(es). Per Florida Statute 1007.271, all dual enrollment courses must be applied toward the student's high school graduation requirements.

Eligibility

All applications and materials must be received before the posted admissions deadlines in the Dual Enrollment section of the UNF Application Deadline webpage.

Dual enrollment applications for public or private school applicants must include:

- an online application declaring for which courses the student is applying,
- an official and current high school transcript reflecting a 3.0 unweighted high school GPA or higher,
- official ACT, PERT, SAT, CLT or Next-Gen Accuplacer scores taken within the last two years (if not reflected on the high school transcript),
- the completed High School Signature page indicating the approved course(s) for which the student is applying, signed by the high school counselor, the student, and the student's parent or guardian.
- A dual enrollment agreement between UNF and the public school district or private school must already be on file to be eligible for dual enrollment.

Dual enrollment applications for home education applicants must include:

- an online application declaring for which courses the student is applying,
- official ACT, PERT, SAT, CLT or Next-Gen Accuplacer scores taken within the last two years (if not reflected on the high school transcript),
- a signed Dual Enrollment Articulation Agreement with each page initialed by the parent/guardian and student,
- the completed Home Education Signature page indicating the approved course(s) for which the student is applying, signed by the student and the student's parent/guardian.
- A home education transcript (optional).

Continued participation is subject to program requirements as stated in the dual enrollment articulation agreement. A new signature page is required by the posted application deadline for each semester a student wishes to participate.

The UNF Dual Enrollment Program complies with Florida Statute 1002.41, which regulates home education programs.

Registration

Dual enrollment courses are limited, and registration is offered on a space-available basis. Students will be administratively registered in the courses listed on the application, up to a maximum of 7 credits, on the business day before the semester begins. Students will not be registered into all courses listed on their application if the total credits exceeds 7 hours. Course substitutions are permitted in cases where course sections are closed or cancelled. In such a case, students will need to submit a new signature page that includes the desired course with counselor and parent signatures.

High school students may not make registration changes. The high school counselor or home education parent/guardian must notify UNF of requests to make registration changes, including withdrawals. Such requests will be processed administratively and as allowable. Withdrawal requests after the Add/Drop deadline will result in a "W" grade for the course(s). A student who receives a “W” grade on a course may be ineligible to continue enrolling in dual enrollment courses. That decision lies with student’s high school and/or school board.

Passing scores on an appropriate placement assessment may be required for math, English, science, or language courses. Any pre- or co-requisites must be satisfied. In compliance with State regulations, adult education instruction, developmental education, and physical education courses are ineligible for dual enrollment.

UNF does not assign academic advisors for dual enrollment students and may not advise students on which courses to take. Advising, progress monitoring, and oversight of high school graduation requirements are the responsibility of the high school counselor or home education parent.

Tuition and Fees

Tuition and most fees are waived for Dual Enrollment students taking courses at UNF that can also be used to meet high school graduation requirements. Certain fees such as parking passes and fines are not covered. Instructional materials shall be made available to dual enrollment students free of charge and become the property of the institution's board against which the purchase is charged.

Policies - Enrollment

Transient Enrollment

Transient Enrollment

Transient enrollment refers to degree-seeking students at another institution who wish to take courses at the University to transfer back to their school. Students who pursue a non-degree transient status must be in good standing at their institution and receive prior approval. Additional information, including the process by which a transient student may apply, register, and pay tuition and fees is available online.

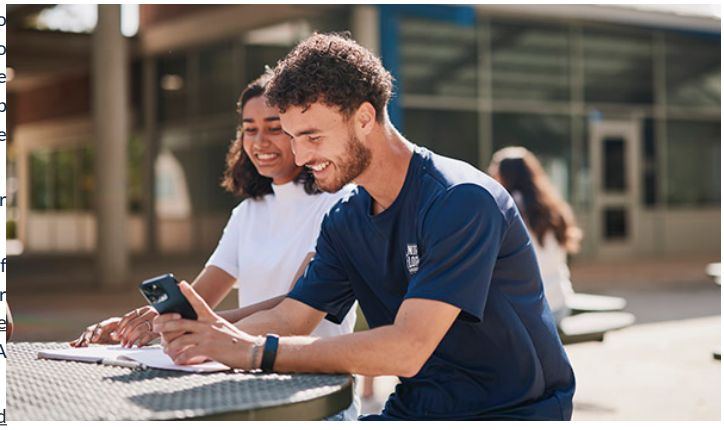
Transient students may register for classes on a space-available basis and are not eligible for grants, scholarships, or financial aid from the University.

View the University's current official policy on transient student admission.

Financial Aid

Student Financial Aid

Application Procedures



The Office of Student Financial Aid at the University of North Florida is committed to serving all students. Its purpose is to provide financial assistance for students who would be unable to further their education without such support. Although the University expects students and/or their families to make a maximum effort to help with University expenses, educational opportunities should not be limited by the financial resources of students and their families.

UNF's 2025-2026 Financial Aid Guide provides information and answers to your financial aid questions.

Financial aid eligibility is based on individual need, educational costs and availability of funds. Awards may consist of scholarships, loans, grants, waivers/exemptions and/or work study. Funds are limited; therefore, students are encouraged to complete a Free Application for Federal Student Aid (FAFSA) as soon as possible using UNF's FAFSA school code, 009841. The priority consideration date for financial aid is January 15.

Students from the State of Florida also need to complete the Florida Financial Aid Application (FFAA) no later than August 31 after high school graduation to qualify for some state of Florida programs, like Bright Futures. The Florida Bright Futures Scholarship does not require the FAFSA.

Inquiries concerning financial aid should be directed to One-Stop Student Services. Please be advised that:

1. If selected for verification, students may be required to provide signed copies of relevant income tax information. Dependent students may also be asked to provide signed copies of parent tax information. Independent, married students may be asked to provide signed copies of spouse tax information. Other information may also be requested to meet federal verification regulation requirements. Student-specific information about financial aid requirements can be found in myWings.
2. For most financial aid, a student must be accepted as degree-seeking and be enrolled in a sufficient number of degree-applicable credit hours. Courses taken in an audit status are not eligible for financial aid, nor can they be considered when determining enrollment for financial aid.
3. For federal financial aid purposes, full-time enrollment is defined as a minimum of 12 credit hours per term for undergraduate and post-baccalaureate students and a minimum of nine credit hours per term for graduate students. Students who enroll less than full-time may have their awards reduced or, in some cases, canceled. Please be advised that certain scholarships require 30 credit hours for renewal.

Tuition Deferment

If a student has accepted financial aid award(s), the University will typically defer the payment of tuition. This deferment of tuition and fees based on anticipated financial aid will expire several weeks into the term. If a student's anticipated aid has not disbursed by the time the deferment expires, the student may be assessed a late fee. In these situations, the financial aid is not necessarily lost or canceled; it simply indicates the tuition deferment has expired. Students should proactively monitor their myWings and UNF e-mail accounts for financial aid requirements and/or messages. Federal Work Study awards cannot be used for tuition deferment.

Students who are not eligible for tuition deferment must make their payment online via myWings or in person at the Office of Student Financial Services by the payment deadline posted on the Academic Calendar.

Financial Aid and Scholarship Disbursement

The first disbursement of financial aid usually occurs during the third week of classes. Financial aid refunds are issued to eligible students on a weekly basis throughout the term. Under the Federal Direct Loan Program, first-time borrowers at UNF must complete Loan Entrance Counseling and sign a Master Promissory Note before funds may be released. Please note that all tuition/fees, housing charges and other authorized University debts will be deducted from the student's financial aid before any other action is taken. Once all institutional fees have been paid, any remaining funds will be electronically deposited into the student's bank account if the student has elected to enroll in Direct Deposit (eRefunds).

Students may submit the online Financial Aid Authorization Form via myWings to authorize payment of miscellaneous charges from financial aid awards.

Financial Aid Bookstore Authorizations

Students who have financial aid in excess of their cost of tuition and other allowable charges will receive a refund for the surplus amount. As a courtesy to students, the University of North Florida may authorize students who anticipate a financial aid refund to use all or part of that refund at the UNF Bookstore prior to disbursement. The amount of the bookstore authorization is based on an anticipated financial aid refund and may not exceed $600 per term. Eligible students will receive notification of their bookstore authorization via their UNF e-mail account.

A bookstore authorization is part of a student's total financial aid package - it is not additional funding. Changes to enrollment, especially changes that increase a student's fee assessment, may result in changes to the actual value of the bookstore authorization. Students will be notified via their UNF e-mail account of increases and decreases to their bookstore authorization.

Bookstore authorizations may only be used during a specific time frame, generally through the end of the add/drop period. Students are encouraged to monitor their e-mail account in myWings for notifications related to bookstore authorization dates and amounts.

Documentation of Academic Activity

The US Department of Education (ED) requires institutions to document whether or not a student established eligibility for any period of enrollment in which the student receives Federal Title IV aid. Students who are not marked by their instructor(s) as having engaged in an HEA recognized academic activity may not receive Federal Title IV aid for that course, regardless of enrollment.

Satisfactory Academic Progress (SAP)

The Higher Education Act of 1965, as amended, requires institutions of higher education to establish and apply standards of academic progress that all students must meet to qualify and remain eligible for assistance from the Title IV student financial aid programs. Therefore, to maintain Satisfactory Academic Progress and retain financial aid eligibility, students must meet a specified grade point average and proceed through the program at a pace leading to completion within a specified time frame. Satisfactory Academic Progress (SAP) will be measured at the end of each term and is based on the following standards:

Pass Rate (Pace):

- Students are required to earn a minimum of 67% of the hours they attempt overall cumulatively. Pace is measured by dividing the overall cumulative number of credit hours earned by the overall cumulative number of hours attempted. Pass Rates/Pace will follow standard rounding rules (e.g. 66.66% will be rounded to 67%).

Grade Point Average:

- All undergraduate and post-baccalaureate students must achieve a minimum overall cumulative grade point average of 2.00 at the end of each term. Certain programs of study may be held to a stricter standard (e.g. most Education majors must earn an overall cumulative GPA of 2.5 and American Sign Language majors must earn an overall cumulative GPA of 2.75 at the end of each term). Graduate students must achieve a minimum overall cumulative grade point average of 3.00 at the end of each term.
- UNF grade point averages are calculated unrounded.

Maximum Time Frame:

- Students are required to complete their degree within 150% of the published length of their program. In accordance with federal regulation, students will be suspended for exceeding the maximum time frame when it has been determined that they cannot mathematically complete their degree program within the allowable time frame. For most undergraduate students (including post-baccalaureates and students pursuing dual degree, double majors and/or minors), this is calculated as 180 attempted credit hours.

View the University's official SAP policy.

Return of Title IV Aid

Withdrawing from classes may impact a student's financial aid. Students who withdraw from classes and have received Title IV Aid may be required to repay the amount of unearned aid. The amount of unearned Title IV funds is calculated based on the percentage of the term completed prior to the date of withdrawal. The repayment amount is determined in accordance with Section 484B of the Higher Education Act of 1965, as amended. Unearned Title IV aid must be returned to the applicable federal programs in the following order:

- Federal Direct Unsubsidized Loans
- Federal Direct Subsidized Loans
- Federal Direct Graduate PLUS Loans
- Federal Direct PLUS Loans (for parents)
- Federal Pell Grants
- Federal Supplemental Educational Opportunity Grants

Students who did not attend any classes will be required to return funds disbursed.

Consumer Information

The Higher Education Act of 1965 (HEA), as amended, requires institutions that receive Title IV funding to provide specific consumer information. Consumer information provides details about the school to prospective and enrolled students and their families, and in some cases, prospective and current employees.

Financial Aid

UG Financial Aid

Types of Undergraduate Financial Aid

Federal Pell Grant: This is a need-based, Title IV federal grant program designed to provide financial assistance to undergraduate students. Pell Grants are intended to be the base of a financial aid package and may be combined with other forms of aid in order to meet the student's cost of attendance. The amount of the grant is based on financial need, cost of attendance and enrollment intensity. Students may apply by submitting an error-free Free Application for Federal Student Aid (FAFSA).

Special Rule for Pell Grant: Students whose parent or guardian died in the line of duty while performing as a public safety officer or while serving on active duty as a member of the U.S. armed forces on or after September 11, 2001 may be eligible for a maximum federal Pell Grant. The Pell Grant cannot exceed your cost of attendance for the year. Students may self-select as eligible on the FAFSA application.

Federal Supplemental Educational Opportunity Grant Program (FSEOG): This federal grant program is designed to assist undergraduate students who demonstrate exceptional financial need and who qualify for a Federal Pell Grant. Award amounts are based on the amount of need and availability of funds. Students may apply by submitting an error-free FAFSA.

Florida Student Assistance Grant (FSAG): This State grant program was established to provide awards to qualified undergraduate students who are Florida residents attending accredited colleges, universities and community/state colleges in Florida. UNF selects eligible recipients based on need, FAFSA filing date, enrollment and availability of funding. Students may apply by submitting an error-free FAFSA.

UNF Institutional Grants: The University of North Florida offers a variety of grants for undergraduate students who demonstrate financial need. Awards range in value and have various enrollment requirements. Awards are made on a first-come, first-served basis as determined by a student's FAFSA filing date and financial need.

TEACH Grant: The Teacher Education Assistance for College and Higher Education (TEACH) Grant program is a non-need based program that provides up to $4,000 per year in grants to students who are enrolled in an eligible program. Students must agree to teach full-time for at least four years in a high-need field at a low-income elementary school, secondary school or educational service agency. A FAFSA must be completed to be eligible for this award.

Federal Direct Student Loan: Unlike grants, Federal Direct Student Loans are financial aid awards that must be repaid. UNF encourages students to make informed decisions when opting to borrow under ANY student loan program. Federal Direct Student Loans are administered by the U.S. Department of Education. To apply for Direct Student Loan funding, students must file the FAFSA and be enrolled at least half-time (six credit hours) in degree-applicable coursework.

- Federal Direct Subsidized Loan Program: Direct Subsidized loans are awarded to undergraduate students on the basis of financial need, as determined by the FAFSA. Direct Subsidized loans do not accrue interest while students are enrolled at least half-time in degree-applicable coursework or during authorized periods of deferment. Loan repayment begins six months after the student graduates, leaves school or drops below half-time enrollment.
- Federal Direct Unsubsidized Loan Program: Direct Unsubsidized loans allow undergraduate students to borrow loan funds beyond their subsidized loan amount, within the loan limits, but not to exceed cost of attendance minus other financial aid. Interest begins accruing as soon as the loan disburses. Students have the option to defer interest payments until the loan enters repayment. Loan repayment begins six months after the student graduates, leaves school or drops below half-time enrollment.
- Federal Direct Parent PLUS Loan Program : Federal Direct Parent PLUS loans are available to parents of dependent undergraduate students enrolled at least half-time in an eligible program. Parent PLUS loans are low-interest, credit-based loans available to supplement the student's financial aid package, up to the cost of attendance. Loan repayment begins when the school disburses the loan.
- Federal Work Study: The Federal Work Study Program is a need-based, federally-funded part-time employment program which allows eligible students to earn money to help pay for education expenses. Students are paid an hourly rate on a bi-weekly basis. Students must demonstrate financial need through completion of the FAFSA and be enrolled in a minimum of six credit hours of degree-applicable coursework. Federal Work Study awards are offered for the fall and spring terms and cannot be used to defer tuition, food or housing.

Scholarship Programs

- Scholarship Programs: The University of North Florida offers a comprehensive scholarship program to attract and reward students who have superior talent in academics, athletics, fine arts and extracurricular activities. Since some of our scholarships are need-based, we encourage students to file the Free Application for Federal Student Aid (FAFSA) prior to the January 15 UNF priority consideration date.
- Institutional Scholarships: All incoming freshman who apply to UNF are automatically considered for scholarships based on their admissions application information. Scholarships are awarded based on a variety of factors, including recalculated high school grade point average, SAT or ACT test scores and talent. Transfer students may also be considered for institutional scholarships based on their admissions application information, transfer grade point average and intended major.
- Foundation Scholarships: Foundation scholarships are funded through contributions made to UNF from private donors. These awards have specific eligibility and renewal requirements regarding the awarding and renewal of the scholarships which have been established by the donor and the University.
- State Scholarships: State scholarships are funded by the State of Florida. The State determines the recipients as well as when and how these awards are allocated. The University must confirm student eligibility. The most prominent example of a state-funded scholarship is the Florida Bright Futures Scholarship Program. Students work with their high school guidance counselors to apply for the Florida Bright Futures Scholarship no later than August 31 after high school graduation. To learn more about the Florida Bright Futures Scholarship Program and other state programs, please visit Florida's Office of Student Financial Assistance (OSFA).

Appeals Procedure: If a student believes that some aspect of their financial situation, which would affect the evaluation of financial need, was overlooked during the award process, the student is entitled to an appeal. Appeals of financial aid offers are subject to Federal, State and University regulations, as well as availability of funds.

Financial Aid

UG Scholarships

Undergraduate Scholarship Programs

The University of North Florida offers a comprehensive scholarship program to recruit and retain academically talented students. To be considered for any UNF scholarship, a student must first apply and be admitted to the University. Because many of our scholarships require that students file the Free Application for Federal Student Aid (FAFSA), we recommend that all students interested in scholarships complete the FAFSA as soon as possible after it becomes available online, December 31. The UNF priority consideration date for financial aid and scholarships is January 15.

Undergraduate scholarships may be categorized into three distinct areas: Institutional, Foundation and State Scholarships.

- **Institutional Scholarships**: All incoming first time in college (FTIC) students who apply to UNF are automatically considered for scholarships. Scholarships may be awarded based on merit and/or need. Recalculated high school grade point average and SAT or ACT test scores are considered. Some scholarships also require a scholarship application. Transfer students may be considered for institutional scholarships based on their admission application information, transfer grade point average and intended major.
- **Foundation Scholarships**: Foundation scholarships are funded through contributions made to the University from private donors. The specific eligibility requirements regarding the awarding and renewal of these scholarships have been established by the donor and the University.
- **State Scholarships**: State scholarships are funded by the State of Florida. The state determines the recipients, as well as when and how the awards are allocated. The University must confirm student eligibility. The most prominent example of a state-funded scholarship is the Florida Bright Futures Scholarship Program. Students work with their high school guidance counselors to apply for the Florida Bright Futures Scholarship no later than August 31 after high school graduation. Learn more about the Florida Bright Futures Scholarship and other state-sponsored programs.

Fore more information on scholarships, please visit our Financial Aid and Scholarships website.

Other Resources

- State Scholarship and Grant Programs
- Scholarship FAQs

- Hicks Honors College

Financial Aid

Graduate Financial Aid

Types of Graduate Financial Aid

Federal Direct Unsubsidized Loans: Federal Direct Unsubsidized Loans are available for students who do not demonstrate need or who have exhausted their need-based aid eligibility before reaching their estimated cost of attendance. To be eligible, students must be admitted to the University, degree-seeking, have a valid FAFSA on file and enroll in at least six degree-applicable credit hours. Students who borrow under this program are required to pay the interest while in school but have the option to defer the interest payments until the loan enters repayment. Loan repayment will begin at the end of the six-month grace period after the student graduates or ceases to be enrolled at least half-time (defined as six credit hours).

Federal Work Study: The Federal Work Study Program is a need-based federally-funded part-time employment program which allows eligible students to earn money to help pay for education expenses. Students are paid an hourly rate on a bi-weekly basis. Students must demonstrate financial need through completion of the FAFSA and be enrolled in a minimum of six credit hours of degree-applicable coursework. Federal Work Study awards are offered for the fall and spring terms and cannot be used to defer tuition, food or housing.

Federal Direct Graduate PLUS Loans: The Direct Graduate PLUS Loan is a low-interest loan available to students enrolled in a graduate or professional degree program. The student's eligibility for a Direct Graduate PLUS loan is determined by a credit check conducted by the U.S. Department of Education. Students must be admitted to the University, degree-seeking and enrolled in at least six degree-applicable credit hours. An eligible graduate student may borrow up to their cost of attendance minus other sources of aid. Students who borrow under this program are required to pay the interest while in school but have the option to defer the interest payments until the loan enters repayment. Loan repayment will begin at the end of the six-month grace period after the student graduates or ceases to be enrolled at least half-time (defined as six credit hours).

Graduate Assistantships: A limited number of graduate assistantships and fellowships are available to qualified students. Graduate students who wish to apply for assistantships should write to the chairperson of the department in which they plan to enroll. Graduate students must be enrolled in nine credit hours for fall and for spring or six credit hours for summer to be employed and classified as a graduate assistant. Continuation of the award is based on the student's satisfactory performance in both academic and assigned duties.

Tuition Waiver: UNF offers several waivers that help offset the cost of tuition. Tuition waivers for graduate students are available through several mechanisms, such as Graduate Assistantships and the Across State Lines Achievement Waiver. Waivers are limited and competitive with specified criteria as described under each waiver type.

Financial Aid

Grad School Awards

Graduate School Awards

The Graduate School, academic colleges and other campus offices have several types of awards available to graduate students including graduate assistantships, tuition waivers, fellowships, and scholarships. Graduate students interested in awards may obtain additional information from the Graduate School Assistantships and Awards webpage. Students are encouraged to make a financial plan to pay for graduate school including federal student loans, institutional aid and/or external funding. Colleges and other university offices also offer a variety of awards. Graduate students should contact their Graduate Program Director about college award opportunities.

Grades

Grades

After each semester, students may access their grades in the myWings portal in the Final Grades area of the Student Records menu. The date final grades will post appears on the Academic Calendar and is generally a week after the end of a term.

Information regarding Policies - Transcripts.

GRADE	GRADE POINTS
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
D	1.0
F and FA	0 (calculated in GPA)

NG, NR, X, I, P, S, U, W, WA, WC, WM, WR, WS and WD 0.0 (not calculated in GPA)

X - Audit

At the time of registration, students must indicate that they wish to audit a course rather than register for credit. Any change from credit to audit or vice-versa must be made before the close of add/drop. Fees for audit classes are the same as those for credit classes and are non-refundable. Petitioning to move from audit to credit or vice-versa is not permitted under normal conditions, extraordinary circumstances must be documented. Audited courses do not count toward financial aid.

I - Incomplete

At the instructor's discretion, students who have not completed required work in a course by the end of the semester may be assigned a grade of "I." For an "I" to be assigned, the student must have completed a substantial portion (at least a majority) of the course with a passing grade. The "I" is not computed in the grade point average. The time limit for removing the "I" is set by the instructor of the course. This time limit may not exceed one calendar year or graduation, whichever comes first. The time limit applies whether the student is in residence or not. Extension of an incomplete beyond one year is subject to approval by the instructor and Department Chair.

An "I" will be changed to a final evaluative grade (one that is used in calculating GPAs) at the time the student completes the required work. Students may not register for courses in which incomplete grades have been received. Any "I" grade not removed by the end of the time limit will be changed to a final grade to be determined by the instructor. This grade will be used to calculate the student's GPA. If no final grade is issued, the "I" will change to an "F" and will be calculated in the GPA. Veterans and other eligible students should contact One-Stop Student Services concerning the effect of incomplete or failing grades upon certification.

NG- No Credit (Grade)

"NG" is assigned to a maximum of four (4) lower-level UNF final course grades of "F" or "D." This grading policy allows students to recover more easily from difficulties they may face as they adjust to the rigors of university level academic learning. The "NG" shows on UNF transcripts and will have a positive impact on UNF GPA. The originally assigned grade(s) will impact academic standing, Latin Honors, and financial aid calculations. Students may petition to keep an originally assigned final course grade of "D", however, doing so will not result in additional NG grade eligibility. Grades of NG are limited to lower-level courses that a student registers for in standard letter or pass/fail grade modes. A grade of NG cannot be assigned by an instructor.

NR - No Record (Not Reported)

"NR" is assigned when grades for an entire class, or a portion thereof are not submitted by the processing deadline. The Registrar's Office will send a list of "NR" grades to the respective department chairpersons who will be responsible for communicating with faculty members about removing the "NR" grade. The "NR" may remain on the record for up to one year but cannot remain on the student's transcript beyond graduation. Once an NG grade has been assigned, faculty can no longer enter a change of grade in myWings and must contact the Office of Records and Registration.

P - Passing

A "P" indicates a passing grade for the employment experience in the Cooperative Education Program and, at the discretion of the college and departments, for thesis, dissertation, independent study, practicum and/or internship courses. Passing grades are not calculated in the GPA.

W - Withdrawn

A "W" grade indicates that a student has officially withdrawn from a course before the established deadline.

WA- Administrative Withdrawal

A "WA" grade indicates that a student has been withdrawn by administrative action. This grade cannot be assigned by an instructor.

WC - Complete Withdrawal

A "WC" grade indicates a student has formally withdrawn from the University. The assigned "WC" grades will count towards the total withdrawals allowed and will remain on the academic transcript. A student who completely withdraws from the University may not enroll in subsequent terms.

WM - Withdrawn Medical

A "WM" grade indicates that a student has successfully petitioned to withdraw from courses due to an incapacitating illness.

WR- Withdrawn Refund

A "WR" grade indicates a student has withdrawn from courses and successfully petitioned for a tuition refund due to extraordinary circumstances as approved by the University's Fee Committee. Effective as of the Fall 2023 term.

WS - Withdrawn Service

A "WS" grade indicates a student has successfully withdrawn from courses due to being called during the semester for military duty, to engage in full-time National Guard duty, or to attend an examination to determine fitness for these kinds of duties.

WD - Withdrawn Deceased

A "WD" grade indicates a student has been withdrawn from classes due to death.

FA - Unforgivable F

An "FA" grade indicates a student has received a punitive or unforgivable F due to academic misconduct. This grade cannot be forgiven through a grade or term forgiveness.

D Grades

Courses completed with grades of "D" may be applied toward upper-level graduation requirements, i.e., 60 credit hours. However, a course completed with a "D" grade normally will not be applicable toward major requirements. See college sections for further information.

View the University's current official policy on Grades.

Due to unprecedented disruptions arising from the COVID-19 pandemic, the University of North Florida implemented an alternative grading system for the spring 2020 semester.

S - Satisfactory

A grade of "S" indicates that a student has met a course-specific minimum letter grade requirement and has demonstrated the acquisitions of associated student learning outcomes. A grade of "S" counts as earned credit but does not result in GPA quality points being assigned.

U - Unsatisfactory

A grade of "U" does not count as earned credit and does not result in GPA quality points being assigned.

View the University's Interim Grading Policy for Spring 2020.

Policies - GPA UG

Undergraduate Grade Point Average (GPA)

Current Term Grade Point Average

The current term GPA appears on the unofficial transcript after each term. The sum of quality points (grade points x credits) earned within the current term is divided by the number of UNF credit hours attempted that term (except those hours with grades of X, I, P, S, U, NG, NR, W, WA, WC, WM, WR, WS, WD and WP). The resulting quotient is the current term GPA. Example:

COURSE	GRADE	GRADE POINTS	X	CREDIT HOURS	=	QUALITY POINTS
ENC1101	A-	3.7		3		11.1
BSC1010C	C	2.0		4		8.0
MAC1105	B+	3.3		3		9.9
MAR3023	F	0.0		3		0.0
Total				13		29.0

The total of 29 grade points earned divided by 13 credits attempted, equals 2.23 current term GPA.

Upper-Level GPA

The sum of all UNF upper-level quality points earned is divided by the number of all UNF upper-level hours attempted (except for those hours with grades of X, I, P, S, U, NR, W, WA, WC, WM, WR, WS, WD and WP, and UNF hours repeated for which the grade forgiveness or term forgiveness policy was subsequently invoked). The resulting quotient is the upper-level GPA.

Cumulative GPA

The cumulative GPA appears on the unofficial transcript after each term. The sum of all UNF quality points earned as of a particular term is divided by the number of all UNF hours attempted by the conclusion of that term (except for those hours with grades of X, I, P, S, U, NG, NR, W, WA, WC, WM, WR, WS, WD and WP, and UNF hours repeated for which the grade forgiveness or term forgiveness policy was subsequently invoked). The resulting quotient is the cumulative GPA.

Total Institutional GPA

The total institutional GPA appears on the unofficial transcript after each term. The sum of all UNF quality points earned is divided by the number of all UNF credit hours attempted (except those hours with grades of X, I, P, S, U, NG, NR, W, WA, WC, WM, WR, WS, WD and WP, and UNF credit hours repeated for which the grade forgiveness or term forgiveness policy was subsequently invoked). The resulting quotient is the total institutional GPA.

Total Transfer GPA

The total transfer GPA is calculated using those courses UNF considers transferable. The sum of quality points earned in transferable courses from other institutions is divided by the number of semester hours transferable from other institutions. The resulting quotient is the total transfer GPA.

Overall GPA

The overall GPA appears on the unofficial transcript after each term. The sum of all quality points earned at UNF and in transferable courses from other institutions is divided by the number of all UNF credit hours attempted (except for those hours with grades of X, I, P, S, U, NG, NR, W, WA, WC, WM, WR, WS, WD and WP, and UNF credit hours repeated for which the grade forgiveness or term forgiveness policy was subsequently invoked) plus the number of semester hours transferable from other institutions. The resulting quotient is the overall GPA.

Note: UNF grade point averages are calculated unrounded and truncated. A GPA of 1.99 is calculated as 1.99 not 2.00. View the University's current official policy on undergraduate academic averages (Grade Point Averages).

Policies - GPA UG

Dean's List

Dean's List

Candidates for a baccalaureate degree who have earned 15 credit hours in-residence at UNF and have a term GPA of 3.5 or higher for at least nine credit hours are eligible for the Dean's List. Changes of grade may impact a student's Dean's List standing.

The Dean's List designation is noted on the academic transcript for each term in which it applies. Dean's List honorees will also receive a congratulatory email from their college Dean. For questions regarding the Dean's List, contact the Office of Records and Registration.

Policies - GPA UG

Pres Honor Roll

President's Honor Roll

The President's Honor Roll was established to recognize those students who have achieved the highest academic standards for a given term. The President's Honor Roll is awarded for full-time (15 credit hours) undergraduate students with a term grade point average of 4.0. Changes of grade may impact President's Honor Roll standing.

Students who qualify for the President's Honor Roll will receive a congratulatory letter from the university president along with a certificate recognizing their achievement. All President's Honor Roll award documents will be sent to the student's mailing address currently on file. For questions regarding the President's Honor Roll, contact the Office of Records and Registration.

Policies - GPA UG

Grade Term Forgive

Grade and Term Forgiveness

Grade Forgiveness

Active undergraduate, degree-seeking students attempting their first baccalaureate degree may improve their grade point average by repeating a course and requesting that the repeated course and its corresponding grade be the one counted in all the student's applicable Grade Point Average calculations, as described in the Academic Averages (Grade Point Averages) Policy.

1. Only two such requests are available to degree-seeking students during their undergraduate UNF career.
2. Grade forgiveness may not be used if term forgiveness has been implemented.
3. The repeated course must be the same course taken previously and must be completed at the University of North Florida. If the course is no longer offered at the University of North Florida, or its prefix or number has been changed but the content is the same, the chair of the department or an appropriate designee of the college that houses the course is required to approve the substitution of another course.
4. Only the first recorded grade for a course will be forgiven. The most recent grade will be calculated in the GPA.
5. Grades of X, U, I, NG, W, WA, WC, WM, WR, WS, F, and FA cannot be used to forgive a prior grade.
6. Grade forgiveness requests will not be processed after graduation certification.
7. This policy does not alter the permanent academic record; all attempts for a given course and all grades remain on the student's record. The earned hours associated with a forgiven course, however, are removed.
8. Although both courses and grades appear on the student's permanent academic record, the grade for the forgiven course will not be calculated in any of the student's grade point averages (See the Academic Averages (Grade Point Average) Policy.) The original grades will be calculated for the Latin Honors GPA.
9. Students may repeat courses without using the forgiveness policy. In this instance, both the original and the repeated grade(s) will be used in the calculation of all applicable grade point averages, as stated in the Academic Average (Grade Point Average) Policy. However, earned credit for only the last attempt will apply toward graduation. (Please also see Duplicative Credit Policy.)
10. This policy reflects UNF courses and grade point calculations only and does not affect the grade or grade point calculation of outside agencies or other institutions who may use all grades, including repeated and forgiven grades, in their calculations of grade point averages.

Graduating students who wish to utilize grade forgiveness should contact their academic advisor. Grade Forgiveness requests for graduating students must be submitted to the Office of Records and Registration prior to the date posted on the academic calendar for commencement.

View the University's current policy on Grade Forgiveness and Repeated Courses.

Term Forgiveness

Active undergraduate, degree-seeking students attempting their first baccalaureate degree may request term forgiveness for exactly one term at UNF.

1. A student granted term forgiveness may not exercise grade forgiveness. Term forgiveness may not be used if grade forgiveness has been implemented.
2. Requests will not be approved for the present term or for the immediately preceding term in which the student was enrolled.
3. Students must complete at least one term at UNF before applying for a term forgiveness.
4. This policy does not alter the permanent academic record; all courses attempted in the forgiven semester and related grades remain on the student's record. The earned hours associated with a forgiven term, however, are removed.
5. Although courses and grades in the forgiven term appear on the student's permanent academic record, the grade for the courses in the forgiven term will not be calculated in any of the student's grade point averages (See the Academic Averages (Grade Point Average) Policy.) The original grades will be calculated for the Latin Honors GPA.
6. This policy reflects UNF grades and grade point calculations only and does not affect the grades or grade point calculation of outside agencies or other institutions who may use all grades, including repeated and forgiven grades, in their calculations of grade point averages.

Students must begin the term forgiveness process by consulting with their academic advisor to ensure that it is the best course of action. The academic advisor will submit the term forgiveness request, which the student will need to review and approve via their myWings student portal. Term forgiveness requests for graduating students must be submitted to the Office of Records and Registration prior to the date posted on the academic calendar for commencement.

View the University's current policy of Term Forgiveness.

Policies - GPA UG

Acad Load

Undergraduate Academic Load

A typical load for a full-time undergraduate student is 15 credit hours per semester. A minimum full-time load is 12 credit hours per semester. No undergraduate student may exceed a load of 20 credit hours without permission of the appropriate academic dean, department chair, or advising unit.

UNF will certify full-time attendance to programs and agencies (that do not specify minimums for undergraduate student enrollment) for students if the student is enrolled in a minimum of 12 credit hours per semester. Enrollment verifications can only be processed once the add/drop period has ended.

The definition of full-time enrollment at UNF for Federal Title IV financial aid purposes is 12 credit hours per semester. However, certain institutional financial aid awards may require that students be enrolled in at least 15 semester credit hours to be eligible.

Policies - GPA UG

Acad Standing

Undergraduate Academic Standing - Probation and Suspension

Good Academic Standing

Undergraduate students who possess a total institutional GPA of 2.0 or above are in good academic standing. Certain programs such as teacher education and others may have more stringent GPA requirements. Please refer to college-specific catalog pages for details.

Academic Probation

An undergraduate student who fails to maintain good academic standing will be placed on academic probation and referred to an academic advisor. Academic probation is a warning and will be reflected on the UNF transcripts. Certain programs may have more stringent probation policies. Please refer to college-specific catalog pages for details.

Academic Suspension and Dismissal

If the total institutional GPA falls below 2.0 at the end of a semester in which a student is on academic probation, then the student will be eligible for academic suspension. Please note: certain majors have different GPA requirements which are detailed on college-specific catalog pages.

Students who are placed in academic suspension will be dropped from any subsequent term coursework for which they are currently registered and denied the opportunity to re-enroll. The duration of suspension varies by college. Email notification is sent by the Office of Records and Registration to students who are placed on academic suspension. Additional notifications may be sent to students from their respective college or First Year Advising (FYA). UNF transcripts will reflect academic suspension.

A suspended student who desires to be readmitted to the same major field as when last enrolled may do so upon the written recommendation of the advisor, the department chair and/or departmental committee designated by the department and the college in which the student was last enrolled at the time they were academically suspended. The dean may deny a student's continued registration in the department. A student suspended from a degree program at UNF who wishes to be readmitted into another UNF degree program must have the readmission approved by the appropriate advisor, the department chair or the departmental committee of both programs. Readmission procedures vary by college.

Degree-seeking UNF students (except for teacher education majors) who receive credit for upper-level coursework at another institution while suspended from UNF may be eligible to transfer these credits back to UNF with permission from the appropriate UNF advisor, department chair or departmental committee.

First Time in College students are expected to maintain good academic standing in their initial matriculation term. Students who do not maintain good academic standing will be required to meet with their academic advisor to review their subsequent term schedule prior to the start of that term.

View the University's current official policy on academic standing.

Policies - GPA UG

UG Enroll Grad Courses

Undergraduate Enrollment in Graduate Courses

While graduate-level courses are intended primarily for students admitted to a graduate program, outstanding undergraduate students may take graduate-level courses or upon approval of the department chair of the student's major and the chair of the department offering the course.

Graduate-level courses cannot be applied toward both the baccalaureate and graduate degree unless those courses are taken as part of an approved accelerated Bachelors-Master's degree program. Furthermore, graduate credit from UNF taken as part of an accelerated Bachelors-Master's degree program, as a post-baccalaureate student, or in another graduate program of study are counted in the construction of the Graduate Program GPA when those hours are used toward fulfillment of degree program requirements.

Fifteen semester hours is considered the maximum course load for an undergraduate student taking a graduate course.

Students enrolled in graduate-level courses will pay graduate-level tuition and fees associated with those courses.

GPA and Academic Standing - GR

Graduate Grade Point Average (GPA)

The Graduate Program GPA includes all graduate credits taken in a program of study once the student has been accepted as a degree-seeking graduate student. This includes all graduate credits, even before official admission to a graduate program, when those credits are used to fulfill degree requirements.

Graduate credits from UNF taken as part of an Accelerated Bachelor's to Master's Pathway, as a post-baccalaureate student, or in another graduate program of study are counted in the Graduate Program GPA when those hours are used toward fulfillment of degree program requirements.

Transfer credits from outside of UNF are not counted in the Graduate Program GPA, with the exception of dual international degree programs; all graduate credits from these programs are used to calculate the Graduate Program GPA.

Credits from undergraduate-level courses, no matter when they are taken, are not counted in the Graduate Program GPA.

The Graduate Program GPA is distinguished from the level GPA, which is calculated on all courses taken as a graduate student. The Graduate Program GPA is used to determine program progress and academic standing; GPA calculations for Financial Aid Satisfactory Academic Progress are defined in the Satisfactory Academic Progress Policy 2.0460P.

View the University's official policy for Graduate Grade Point Average (GPA).

GPA and Academic Standing - GR

Grad Acad Load

Graduate Academic Load

A full-time graduate course load is nine or more hours per semester once the add/drop period has ended. A part-time graduate course load is fewer than nine hours.

Federal financial aid regulations specify a minimum of nine hours for full-time status during the fall, spring and summer terms. Students should plan their academic loads with recognition of the constraints on their time and other resources. Certain assistance programs such as financial aid, veteran's administration programs, and certain scholarship programs require minimum loads for eligibility. For information on requirements for financial aid and veteran's administration programs, refer to the Financial Information section of the catalog.

Graduate students who wish to take more than fifteen hours must submit a Student Petition of Academic Policy. For information on the number of hours students must take in order to be eligible for financial assistance programs, refer to the Financial Information section of the catalog.

GPA and Academic Standing - GR

Grad Acad Stand

Graduate Academic Standing

Good Academic Standing

A graduate student who has a cumulative UNF Graduate GPA of 3.0 or higher in the program of study in which they are currently enrolled is considered to be in good academic standing.

A graduate student must have a cumulative UNF Graduate GPA of 3.0 or higher to be eligible for graduation and the awarding of a graduate degree.

Graduate students who hold assistantships and fellowships are expected to be in good academic standing.

Academic Probation

A graduate student who fails to maintain a cumulative UNF graduate GPA of at least 3.0 is not in good academic standing and will be placed on academic probation. Probation shall be noted on the academic transcript for each term in which the cumulative UNF graduate GPA is below 3.0.

Academic Suspension and Dismissal

1. If, while a graduate student is on probation, the cumulative UNF graduate GPA does not reach 3.0 in the next academic term, the student is eligible for suspension or dismissal from the program.
2. If, while a graduate student is on probation, they earn a "D" or an "F" in a graduate course in their program of study, the student is eligible for suspension or dismissal from the program.

The decision concerning whether the student is actually placed on academic suspension rests with the particular program's Graduate Program Director and/or the program's graduate program committee (should the program have one).

Academic suspension is noted on the academic transcript. A graduate student may not register for courses while on academic suspension. The decision to release the student from academic suspension rests with the particular program's Graduate Program Director and/or graduate program committee.

Decisions made by Graduate Program Directors and/or graduate program committees may be appealed by graduate students. Such appeals are made through the academic appeals process as published in the university catalog.

Program-Specific Policies

Many programs have program-specific policies further defining good academic standing and related matters. These program-specific policies, if they include of higher standards than those of the University, supersede University policy. Please refer to individual program requirements for more information.

Financial Aid Satisfactory Academic Progress

The policy on graduate academic standing is distinct from that of Financial Aid Satisfactory Academic Progress (SAP). Graduate academic standing is calculated on all courses taken to fulfill the requirements of a specific graduate program, while Financial Aid SAP is calculated in accordance with federal regulation. (Also see UNF Policies 2.0300P Graduate GPA and 2.060P Financial Aid Satisfactory Academic Progress).

GPA and Academic Standing - GR

Dismiss Grad Student

Dismissing a Student From a Graduate Program

When a student is being considered for dismissal from his/her graduate program, either at the end of a term or during a term, the Graduate Program Director and the Graduate Program Committee (should there be one) will:

1. ensure dismissal of a student from the program is supported by published policy,
2. inform the student, both through email and regular mail, of the matter
3. offer the student an opportunity to meet with the Graduate Program Director to plead his/her case if the decision to dismiss the student is to be made by the Graduate Program Director
4. offer the student an opportunity to address a meeting of the Graduate Program Committee if there is to be a Graduate Program Committee meeting for the purpose of deciding whether or not to dismiss the student,
5. inform the student of available appeal procedures and describe them, if it has been determined that the student is to be dismissed from the program.

If any meetings occur, with or without a committee, the Graduate Program Director must write formal minutes. If no meetings occur, the Graduate Program Director will write a memorandum describing the decision-making process. Minutes of meetings, memoranda, and all appropriate supporting documentation will be shared with the department chair, the college dean, and the graduate dean.

If the student is dismissed from his/her graduate program, the student's transcript will bear an appropriate notation, and the student will receive no refund of tuition or fees.

Once dismissed, a student may apply to UNF as a student in another degree program or as a non-degree student who is prohibited from taking courses in the program from which he/she was dismissed. A student can only be reinstated to his/her previous degree program by submitting a new application to the program with a new admissions decision.

Students may appeal a program decision through the process outlined in policy 2.1010P, Appealing a Graduate Program Decision.

View the University's official policy on Dismissing a Student from a Graduate Program.

GPA and Academic Standing - GR

Appealing Grad

Appealing Graduate Program Decisions

To establish a policy whereby a graduate student may appeal a suspension or dismissal decision by a graduate program. This is distinct from the appeal of a course grade (2.0340P Appealing Academic Grades Policy). This policy also does not apply to the appeal of penalties assessed for a violation of the Academic Misconduct Policy (2.0640P) or Student Conduct Regulation (5.0010R). If the suspension or dismissal is the result of an unsatisfactory course grade or a penalty for academic or student misconduct, those appeals must be resolved as per their policies prior to appealing a graduate program decision. Similarly, any related withdrawal for medical reasons (5.0050P Medical Withdrawal Policy) must be resolved before appealing a program decision.

The primary responsibility for monitoring a graduate student's progress rests with the degree program. However, the Graduate School may also monitor a student's progress and take appropriate actions if performance standards as specified by the program and university are not maintained. Determining student progress requires an ongoing evaluation of a student's performance in a program as indicated by satisfactory grades within courses, successful performance on competency exams, progress in thesis or dissertation research and writing, maintenance of the standards of academic and professional integrity expected in a particular discipline or program, and/or any other measures of progress as used in the program. Probation, suspension, or dismissal of a student may occur when the individual is not maintaining good academic standing in the degree program (see also 2.0400P Graduate Academic Standing Policy).

Even if a student is maintaining good academic standing, a degree program may recommend probation, suspension, or dismissal if a student fails to maintain standards of academic and professional integrity as well as competence necessary for the welfare of patients, clients, or others encountered in internships, externships, or other courses required by a degree program.

Additional details on suspension are provided in the Graduate Academic Standing Policy (2.0400P), while details on dismissal are provided in the Dismissing a Student from a Graduate Program Policy (2.0410P). Prior to suspension or dismissal, a student must be afforded an opportunity to discuss the decision with the program director and/or the program's graduate committee, should the program have one. If the program chooses to suspend or dismiss the student, this decision must be communicated to the student and to the Graduate School in writing.

Once suspended or dismissed, a student may appeal the program decision within 30 calendar days of receiving written notification of the program decision. If the suspension or dismissal is the result of an unsatisfactory course grade, a penalty for academic or student misconduct, and/or an issue warranting a medical withdrawal, those appeals must be resolved first, after which the student has 30 calendar days to file a program decision appeal following the procedure detailed below.. During the appeal, the suspension or dismissal remains in effect, and the student is not allowed to enroll in courses or participate in program activities until and unless the program decision is reversed.

The graduate student should first discuss the matter within the academic unit of the grievance and attempt to resolve the grievance informally. If the informal grievance fails, the formal appeal procedure is as follows:

1. The graduate student requesting the appeal must state the nature of the grievance in writing to the graduate program director. The statement should include a brief narrative of the grievance, the parties involved, and a statement of the remedy being requested.
2. Within 10 business days of receipt of the student's written appeal, the graduate program director will make a recommendation to the responsible department chair about the appeal. The chair will then make a department-level decision about the appeal and inform the student of the decision within 10 business days after receiving the recommendation from the graduate program director or graduate program committee.
3. Should the graduate student disagree with the decision of the department chair, the student has 10 business days to file a written appeal of the decision with the responsible college dean. It is incumbent on the student to explain in the appeal why the department-level decision is in error and should be reexamined. The college dean will then make the final decision about the grievance at the academic college level, and inform the student of the decision within 10 business days after receiving the written appeal from the student.
4. Should the graduate student disagree with the decision of the academic college dean, the student has 10 business days following receipt of the college decision to file a written appeal of the decision at the university-level with the Provost and Vice President of Academic Affairs. It is incumbent on the student to explain in the appeal why the academic college decision is in error and should be reexamined. The Provost will within 10 business days following receipt of the appeal, make a decision about the grievance. There is no appeal beyond the level of Provost, as this position is vested with the final authority by the President of the University.

View the University's official policy on Appealing a Graduate Program Decision.

Registration and Credits

Degree Progression and Change of Major Policy



The University of North Florida is committed to helping students achieve their educational goals and graduate in a timely manner. As part of this commitment, students are required to declare an academic course of study or major no later than the beginning of the term after they have completed 30 credit hours. Students must follow guidelines established in UNF policy regarding their ability to change majors.

Undergraduate full-time first time in college students are advised and expected to graduate from a 120-credit hour degree program in eight (8) consecutive fall and spring semesters. Florida College System AA transfer students are advised and expected to graduate from a 120-credit hour degree program within four (4) consecutive fall and spring semesters.

UNF advisors will work closely with students who are not meeting degree progression expectations to help them find a new major that helps them achieve their academic goals in a timely manner. The University may disallow a student's continued enrollment in a major if it is determined they are not meeting degree progression standards.

Upon completing all degree requirements, students will graduate and have the opportunity to participate in commencement exercises. Those wishing to take additional courses after meeting degree requirements should consider applying to a second baccalaureate degree, a graduate degree, or taking coursework as a non-degree-seeking student.

For more information, see the University's current official policy on degree progression.

Petitions of Academic Policies

Students who feel that they have serious extenuating circumstances may submit a Student Petition of Academic Policy (SPAP). Submitting a petition does not guarantee that a particular policy will be waived since petitions are considered exceptions and are evaluated on a case-by-case basis.

Documentation of the circumstances related to the request MUST accompany the petition for the case to be considered. Petitions submitted without relevant supporting documentation will be denied without consideration. Final decision on all petitions rests with the Student Petition of Academic Policy (SPAP) Committee.

Student Petitions of Academic Policies (SPAPs) must be submitted via myWings. For more information about the appeal process, refer to the Student Petition of Academic Policy webpage

For items that cannot be petitioned, please refer to Petitioning University Policies and Regulations.

Registration and Credits

Duplicate Credit

Duplicative Credit

Students will not be allowed to earn credit for a non-repeatable course more than one time and will not be allowed to earn credit in two substantially equivalent courses.

If a student repeats a course for which they have already been awarded credit by UNF as transfer credit or institutional credit and the course is not designated as repeatable by UNF, the earned credits for only the last attempt will be counted toward the total hours for the baccalaureate degree program.

If a student takes a course containing a description explicitly stating that they cannot receive credit for both it and another course for which UNF has awarded transfer credit or institutional credit, the earned credits for only the last attempt will be counted toward the total hours for the baccalaureate degree program.

View the University's current official policy on duplicative credit.

Registration and Credits

Retro Credit

Placement and Retroactive Credit in French Spanish Chinese

Placement

Prior to enrolling at UNF, students who have studied French and Spanish in high school must take the free online French and Spanish placement tests. Students will receive advisement as to which course level to enroll based on their placement test score.

Heritage or native speakers of French or Spanish (who may not have studied the language in high school) must take the online placement test prior to enrolling in French or Spanish courses. In order to be placed appropriately, native speakers of Spanish or French must also meet with the Chair of the Department of Languages, Literatures and Cultures.

All students who have studied the Chinese language at the high school level, or who are heritage speakers, must meet with the Chair of the Department of Languages, Literatures and Cultures prior to enrollment. The Chair will refer students to the Chinese instructor in order to ascertain the level at which students must begin their language studies.

Retroactive Credit

Students who enroll in French, Spanish or Chinese at the University of North Florida will be advised that they are eligible for up to six credit hours of retroactive credit as determined by placement and satisfactory completion of specific language courses.

- If a student places at the intermediate level, they may receive a maximum of four hours of retroactive credit for Beginning Language II pending completion of the intermediate sequence (Intermediate Language I and II) with grades of C or above in both courses.

- If a student places at the Intermediate Language II level, they are eligible for three hours of retroactive credit (equivalent to Intermediate Language I) pending completion of Intermediate Language II with a grade of C or above.
- If a student places at the 3000-level, they are eligible for a maximum of six hours of retroactive credit. The student will receive three intermediate-level credit hours for completing a 3000-level Chinese, French or Spanish course with a grade of C or above, and an additional three credit hours for completing a second 3000-level course with a grade of C or above.

Students who wish to receive the retroactive credit must apply for the credits in the Department of Languages, Literatures and Cultures after their grades are assigned and recorded in the relevant courses. The retroactive credits will be added to the student's transcript by the Office of the Registrar with a grade of P (Passing) assigned. These credits will not be computed into the GPA, but they will count toward degree requirements as appropriate.

Students will pay a $20.00 fee per 3-4 credit hour course for which retroactive credit has been awarded.

View more information about Placement and Retroactive Credit in French, Spanish and Chinese.

Registration and Credits

Grad Transfer Cr

Graduate Transfer Credit Policy

This policy describes the number of credits that may be transferred into a UNF program by a student pursuing a graduate degree, and the parameters under which credit transfers are possible. This policy covers credits transferred into a degree program from outside of UNF, as well as credits earned at UNF outside of the degree program to which they are to be applied. For the purposes of this policy:

1. the student must have earned grades of 3.0 or higher on a 4.0 scale;
2. courses must be no more than seven years old from a U.S. institution accredited by an accepted institutional accreditor or its equivalent from a non-US institution; and
3. thesis, dissertation, independent study, and other non-graded courses may not be used for transfer credits. In addition, credits received from another institution as part of a formal dual degree program are not considered transfer credits.

The residency requirement to receive a graduate degree at UNF is 18 credit hours. The total number of transfer credits from sources both internal and external to UNF may not exceed 50% of the requirements for a UNF graduate degree.

The acceptance of internal or external transfer credits in a graduate program must be approved by the program. The thesis or dissertation credit requirement of a program may never be satisfied by transfer credits. Additionally, graduate programs may stipulate additional constraints beyond those included in this policy. Exceptions to this policy must be approved by the college dean and graduate school dean.

1. Transfer Credits Earned Prior to Program Enrollment

1. Master's Programs

- Up to 12 credit hours of graduate course work previously earned at another institution may be used to satisfy the requirements of a UNF Master's degree. See Policy 2.0820P for a list of approved Institutional Accreditors.
- Up to 12 credit hours of graduate course work taken at UNF as a post-baccalaureate student or as part of another degree program may be applied toward a master's degree. These courses are considered transfer credits but count towards fulfilling the residency requirement.
- Up to 12 credit hours of graduate course work taken as an undergraduate at UNF as part of a formally approved Accelerated Bachelor's to Master's pathway may be applied toward a master's degree. These courses are considered transfer credits but count towards fulfilling the residency requirement. Exceptions to the 12-credit limit need to be approved by the Graduate School and Provost.

b. Doctoral Programs

- Up to 50% of the credits for a Doctoral degree taken at UNF or another institution prior to program enrollment may be applied toward the degree, subject to program approval.

2. Transfer Credits Earned While Enrolled in a UNF Program

- Up to 12 credit hours of a graduate program may be earned through concurrent enrollment at another institution while the student is enrolled in a UNF graduate program. This requires advance approval by the program. These courses do not count towards fulfilling the residency requirement.
- Up to 12 credit hours from one UNF graduate program may be applied toward another UNF graduate program when both are being pursued concurrently, except for when a student is concurrently enrolled in a certificate program (See Policy 2.0720P Graduate Certificate Programs). These courses are considered transfer credits but count towards fulfilling the residency requirement.

View the University's official policy on Graduate Transfer Credits.

Registration and Credits

Withdrawal

Withdrawals

As 2024-2025, undergraduate students are limited to a total of six UNF course withdrawals regardless of the number of credit hours per course. After the withdrawal limit is reached, students will be blocked from further course withdrawals by the University's registration system. Unused withdrawals shall be forfeited.

Courses with a grade of "WM" (medical withdrawal), "WS" (military withdrawal), "WR" (withdrawn refund) and "WA" (administrative withdrawals) are not counted in the limitation. Any undergraduate course withdrawals at UNF prior to Fall 2013 and those that occurred during the spring 2020 term are also not counted towards withdrawal limits but will continue to be reflected on the student's transcript.

A student who has exceeded their withdrawal limit as a result of extraordinary, documented circumstances that are clearly beyond the student's control may appeal for exceeding the withdrawal limit to the Student Petition of Academic Policy (SPAP) Committee prior to the end of the term within which the student is enrolled. The course instructor, department chair, academic advisor and/or program director may recommend an action to support or not support the withdrawal, give no recommendation, or write an explanation of the applicable circumstances. Final approval/disapproval authority rests with the SPAP Committee.

Students are strongly encouraged to contact their academic advisors or program directors to discuss and understand how withdrawals will impact academic persistence, including time to graduation and meeting degree requirements. Students receiving financial aid who withdraw or plan to withdraw from any classes should contact the Department of Financial Aid via One-Stop Student Services to understand federal aid and scholarship award consequences and obligations. Students receiving VA benefits should contact the Military and Veterans Resource Center (MVRC).

A student may withdraw via myWings after the add/drop period through the withdrawal deadline as posted on the Academic Calendar. Upon completion of the withdrawal process, a grade of "W" will be assigned and no refund will be generated. If a student stops attending classes without officially withdrawing, a final grade of "F" may be assigned.

Graduate programs may have specific policies regarding the number of withdrawals allowed within the program. Graduate students are advised to first consult with their graduate program director before withdrawing from any course.

Late Withdrawals After the Deadline

A student who misses the withdrawal deadline as a result of extraordinary, documented circumstances may appeal for late withdrawal to the Student Petition of Academic Policy (SPAP) Committee prior to the end of classes for the term within which the student is enrolled. The course instructor, department chair, academic advisor and/or program director may recommend an action to support or not support the withdrawal, give no recommendation, or write an explanation of the applicable circumstances. Final approval/disapproval authority rests with the SPAP Committee.

Complete Withdrawals

Complete Withdrawal is the formal process of leaving the University. Once the Complete Withdrawal has been processed, the student's academic responsibility with the University will be discontinued and they will show as officially unenrolled based on the date of withdrawal. Dropping all classes or withdrawing from all classes in a term is not the same as a Complete Withdrawal from the University.

Students who completely withdraw from the University remain fee liable and receive a grade of WC in each course. The assigned "WC" grades will count towards the withdrawal limit and will remain on the academic transcript.

A Complete Withdrawal must be initiated by a student's academic advisor after meeting with the student A student who received a Complete Withdrawal may not continue to attend class(es). A student who wants to enroll in a future term after a Complete Withdrawal must meet with an academic advisor, after which the advisor will notify the Office of Records and Registration prior to removing registration hold. A student who breaks continuous enrollment after a Complete Withdrawal must reapply for admission and is subject to all admission and academic program requirements at the time of reapplication.

A Complete Withdrawal is not to be confused with withdrawing from all courses in a term or withdrawing from all courses in a term to receive a 25 percent refund of tuition and fees. Students not covered under the University's official Withdrawal policy are those who withdraw from all courses (excluding Summer A, B, 8- and 10-week courses) by the deadline posted on the Academic Calendar and receive the refund but intend to re-enroll at the University at a later date.

View the University's current official policy on withdrawals.

Registration and Credits

Military Withdrawal

Military Withdrawal

Students are entitled to a leave of absence or Complete Withdrawal to report for active duty, to engage in full-time National Guard duty, training, or to attend an examination to determine their fitness for these kinds of duty. Spouses and students of affected military personnel are granted the same consideration.

Military Withdrawal can be done through the end of the term within which the student is enrolled. To request a Military Withdrawal, the student must provide a signed statement requesting withdrawal due to military service along with a copy of the affected military personnel's official orders or other official military documentation to One-Stop Student Services for review in the Office of Records and Registration.

Upon approval, a grade of WS-withdrawal for military service will be recorded on the transcript for all courses in which the student was enrolled unless a grade of I (Incomplete) was issued by an instructor or other documented arrangements with the instructor(s) have been made. Once the WS is assigned, tuition will be refunded for those courses. Grades of WS do not count toward the withdrawal limitation policy or towards excess credit hour surcharge calculations.

View the University's current official withdrawal policy.

Registration and Credits

Summer School Req

Summer School Requirement

BOG Regulation: 6.016 Summer Session Enrollment

All students entering a university in the State University System with fewer than 60 semester hours credit shall be required to earn at least nine semester hours prior to graduation by attendance at one or more summer sessions at one of the state universities in Florida before graduation. University presidents or their designee may waive the application of this regulation in cases of unusual hardship to the individual.

Authority: Section 7(d), Art. IX, Fla. Const., History--New 6-12-75, Amended 6-25-80, 8-11-85, Formerly 6C-6.16, Amended 1-8-92, 8-19-92, 9-23-93, 11-27-95.

Official Board of Governors regulation. subpage content

Policies - Transcripts

Transcript Ordering

Students may order a transcript online through their myWings portal or directly from the Parchment storefront. Transcript orders are paid to Parchment via a credit or debit card. Requests for Express delivery via FedEx are subject to additional fees as outlined on the Parchment ordering site.

Transcript requests may not be processed for students who have outstanding financial obligations to the University or who have other hold(s) on their accounts preventing the release of transcripts. Students must contact the appropriate office or department to resolve their hold(s).

Please note: One-Stop Student Services and the Office of Records and Registration cannot supply official copies of students' test scores or transcripts from other schools attended. Students must request scores and transcripts directly from those agencies or institutions.

Transcripts for Military Service Members and their Spouse or Dependent(s)

In keeping with Florida Statute 1009.26 (17a) , the University of North Florida will waive the transcript fee for a person who is active duty or an honorably discharged veteran of the United States Armed Forces and their spouse and dependents. Students who qualify under these categories should refer to the Transcript Request webpage. Supporting documentation of military affiliation along with a copy of the requestor's driver's license or other photo ID must also be provided. *Note: up to three (3) such requests may be submitted per calendar year.*

Please note that the military affiliate provision only covers standard USPS mail (domestic), electronic, and PDF delivery options. For express or international mail options, a transcript order must be place via Parchment (fees apply).

Official transcripts are not printed in-house at UNF and therefore cannot be provided on-demand. For the most up-to-date information, refer to the Transcript Request webpage.

Policies - Transcripts

Transcript Notations

Disciplinary and Academic Misconduct Transcript Notations

Expulsion and Suspension from the University for student **disciplinary reasons** are sanctions outlined in the Student Code of Conduct published in the Student Handbook. Expulsion and Suspension from the University for **academic misconduct** reasons are sanctions outlined in the Academic Misconduct Policy.

Expulsions for disciplinary and/or academic misconduct may be noted permanently on a student's UNF transcript. Suspensions for disciplinary and/or academic misconduct may be reflected on the UNF transcript during the period in which the suspension is in effect.

Notations may not be immediately removed from the transcript following the expiration date of the suspension.

Policies - Transcripts

Transmittal and Receipt PDF

UNF Policy for Transmittal and Receipt of PDF Transcripts

The University of North Florida will set criteria regarding the third-party vendors who will transmit student transcripts on behalf of the university. These criteria will also apply to transcripts sent to UNF from a participating institution registered with an approved third-party vendor. To become an approved third-party vendor, the following criteria must be met:

- The vendor must provide documentation attesting to FERPA compliance.
- The vendor must comply with standards set by an accrediting body recognized by the U.S. Department of Education for document processing.
- The vendor must provide electronic security features including, but not limited to, "watermarking" the PDF, electronic shredding options and time and date stamping.
- The vendor must be approved by the Director of Admissions or designee and the University Registrar or designee who will act on behalf of the Student Records Committee.

Received transcripts will be considered official for student evaluation purposes only when accessed by a designee of the Admissions or Registrar's offices.

View the University's official policy for transmittal and receipt of PDF transcripts.

Policies - Transcripts

UG Collaborative Transcripts

Undergraduate Collaborative Programs Transcript Printing

UNF Undergraduate Collaborative Programs offer undergraduate students the opportunity to earn two bachelor's degrees while taking classes at both UNF and an approved partner institution. The innovative nature of the programs requires a transcript format that accurately reflects the student's coursework and the program's curriculum.

The University of North Florida will print the course names, the course grades (converted to the UNF grading scale), and the name of the partner institutions on the student's official UNF transcript. The transcript will display the information as transfer coursework that is part of a University-approved program. The UNF undergraduate collaborative program administrator is responsible for ensuring that all participating student records are accurate and current at the time of printing. Coursework will be updated once the official transcripts from the specified institution have been evaluated. Students in collaborative degree programs are still required to pay the transcript fee when ordering official transcripts.

Note: UNF currently offers the following collaborative degree programs:

- KEDGE-UNF
- Valencia-UNF
- Bremen-UNF
- Alicante-UNF

- Hertfordshire-UNF

Tuition/Fees

Tuition and Student Fees

Tuition and fees at each public institution in Florida are set by the Florida Legislature with limited flexibility given to the University Boards of Trustees. These fees are assessed on the basis of residency, i.e., enrolling students are classified either as "Florida" or "Non-Florida" students.

In the determination of resident status for tuition purposes, it is the policy of the University of North Florida to follow laws of the state of Florida as well as regulations and policy guidelines established by the Florida Board of Governors. The policy on residency status for tuition purposes, as adopted by the University of North Florida, is subject to Florida Statute 1009.21 and the Florida Board of Governors Resolution. The guidelines listed here do not comprise a comprehensive statement regarding residency status for tuition purposes in the state of Florida. For more information, refer to the residency portion of this catalog and the "Residency Guidelines" section at www.floridashines.org.

To view tuition and fee rates, please see the Tuition & Student Fee Schedule.

Estimated Expenses Per Academic Year

UNF provides an online net price calculator to help college students estimate out-of-pocket expenses associated with enrolling at the University. The actual costs incurred depend upon the individual student information. Students who are in need of financial counseling should request this assistance through One-Stop Student Services.

Waiver of Tuition

The University of North Florida waives in-state tuition and out-of-state fees for purposes that support and enhance the goals of the State and the mission of the University. Waivers are established as mandated, authorized or allowed by the Board of Governor (BOG) Regulations, Florida Statutes (FS) and University of North Florida Board of Trustee (BOT) Regulations.

For current waiver of tuition information, please refer to the UNF University Accepted Waivers webpage.

View the University's current official policy.

Tuition and Fee Refund

The University's fee refund procedures can be viewed at the UNF Controllers office website. Refunds of 100 percent will be issued for each course dropped before the close of the add/drop period indicated in the UNF Academic Calendar. Students can drop courses online via their myWings web portal or in person by visiting One-Stop Student Services located in Hicks Hall, Building 53.

A 100 percent refund will be provided for University cancellation of courses or denial of a student's admission to a course. Courses dropped within this period will not appear on the student's transcript.

After the close of the add/drop period, students who completely withdraw from the University by the published deadline will receive a 25 percent refund if the student's recorded withdrawal is on or before the last day to receive a 25 percent refund as indicated on the University's UNF Academic Calendar. Students may supply written notice of intent to withdraw by the 25 percent refund deadline, provided the notice is sent via the student's UNF email account. The 25 percent refund applies to only fall, spring, and full term (C session) summer. There is no refund for a partial withdrawal after the add/drop period or for Summer A and B parts of term.

Provided written explanation and supporting documentation are submitted to the appropriate University Office, refunds of 100 percent of tuition may be granted in instances of withdrawal from the University under the following conditions:

1. Student's involuntary call to active military duty.
2. Death of the student or a member of the student's immediate family (parent, spouse, child, sibling, grandparents).
3. Incapacitating illness of such duration or severity that completion of the term is impossible. Must be confirmed in writing by a licensed physician.
4. A situation in which the University is in error.
5. Other documented exceptional circumstances beyond the control of the student which precluded completion of the course(s), accompanied by supporting documentation.

Fee petitions: students or someone acting on the student's behalf with written authorization, must file within six (6) months of the close of the semester to which the refund or action is applicable. Special requests for an extension of the six (6) month deadline must include specific facts indicating special circumstances which (i) were beyond the control of the student (ii) clearly impaired the student's physical or mental ability to correct their academic/financial record at the University, and (iii) are supported by written explanation and verifiable documentation. Petitioning for a refund does not guarantee that a refund will be approved. Tuition fee refunds provided to students will be processed against any outstanding tuition assessments prior to remitting a refund to the student.

The fees listed below may only be waived for certain reason such as documented University error, documented administrative error, or documented extraordinary circumstance, such as a severe illness, a death in the family or natural disaster. Additionally, supporting documentation is required and tuition must be paid prior to submitting a request to waive a late payment fee. The late payment fee will not be waived due to: lack of funds, unawareness of deadlines, unawareness of acceptable payment types, or Internet connectivity issues.

1. Repeat Surcharge (exceptions must be requested during the same term in which the surcharge was assessed)
2. Excess Hours Surcharge (view more information about Excess Hours and the associated appeal process)
3. Miscellaneous fees such as Orientation, ID, WOW, A&S fees, Return Check Fees, etc.
4. Late payment, late registration, and re-registration fees

View the University's official policy on special fees, fines and penalties as they relate to tuition and fees.

Schedule/Payment

Schedule of Tuition and Fees

Fees subject to change without prior notice.

Contact the Student Financial Service's Office at (904) 620-2472 or refer to the UNF Financial Services Office website for current tuition information.

View the University's official policy for Schedule of Tuition and Fees.

Payment of Tuition and Fees

All fees must be paid, pended, or deferred in the Student Financial Services Office by the date and time listed in the online UNF Academic Calendar. Failure to pay, pend or defer (based on financial aid or third-party sponsorship) may result in registration cancellation. A $100 late payment fee may be assessed on all tuition and fees not pended or paid in full by the date and time listed in the UNF Academic Calendar. If a tuition bill is deferred against pending financial aid, aid must be disbursed to the account prior to the expiration date for financial aid or the student may be assessed a $100 late payment fee. Financial Aid is not automatic. Students should check the status of their aid in their myWings account to ensure that they have completed all documents, signed promissory notes for loans, etc. NOTE: To qualify for student loans, students must be enrolled in at least six degree-applicable credit hours.

A fee transaction of at least one-third the tuition and fee amount confirms a student's intention to attend all courses for which they are registered by the close of the add/drop period. Regardless of class attendance, students are fee liable for all courses for which they are registered unless they drop the course(s) by the published deadline to do so.

A fee payment check returned for any reason (i.e., insufficient funds, stop payment, account closed, incorrect account number for e-check) does not cancel the student's fee liability. A service charge and a $100 late payment fee (if restitution is not made by the payment deadline) may be assessed and payment must be made by money order or certified check. If the University has received one returned check, future payments must be made with certified funds (cashier's check, money order, credit card); personal checks will not be accepted for a period of one year. A returned e-check for an incorrect account number may result in the assessment of a $100 late payment fee if restitution is not made by the payment deadline. A third return for an incorrect account number for an e-check will result in a $25 service charge (in addition to the $100 late payment fee, if appropriate) and payment must be made by money order or certified check; personal checks will not be accepted for a period of one year.

View the University's official policy on payment of tuition and fees.

Tuition/Fees

Attendance Cost

Cost of Attendance

Financial aid awards are based on an estimated nine-month (fall and spring term) cost of attendance. This is constructed based on five components as designed by federal regulations. Estimated cost of attendance is based on 15 credit hours for undergraduate students and nine credit hours for graduate students. After registration, Tuition as well as Books and Supplies will adjust based on term enrollment. For less than half-time enrollment, adjusted cost of attendance will consist of the Books and Supplies, Transportation and Tuition components. In accordance with federal regulations, exceptions may be exercised to include Housing and Food COA components for eligible students enrolled less than half-time. In general, your financial aid may not exceed the cost of attendance, although your actual costs may vary.

- Direct Costs:
  - Tuition and Fees (based on residency status and term enrollment/intensity)
  - Books and Supplies (based on term enrollment)
  - Housing and Food (based on living on campus, off campus or at home with a parent/relative)
- Indirect Costs:
  - Miscellaneous
  - Transportation

Undergraduate 2024-2025 Cost of Attendance

FEE CATEGORY	FL RESIDENT, ON-CAMPUS	FL RESIDENT, OFF-CAMPUS	FL RESIDENT, WITH RELATIVE	NON-FL RESIDENT, ON-CAMPUS	NON-FL RESIDENT, OFF-CAMPUS	NON-FL RESIDENT, WITH RELATIVE
Tuition & Fees	$6,390	$6,390	$6,390	$20,790	$20,790	$20,790
Books & Supplies	$2,200	$2,200	$2,200	$2,200	$2,200	$2,200
Housing	$6,988	$9,580	$1,874	$6,988	$9,580	$1,874
Food	$4,822	$2,370	$4,822	$4,822	$2,370	$4,822
Transportation	$3,029	$2,889	$2,889	$3,029	$2,889	$2,889
Miscellaneous	$1,368	$1,368	$1,368	$1,368	$1,368	$1,368
Direct Loan Fees	$44	$44	$44	$44	$44	$44
Total	**$24,841**	**$24,841**	**$19,587**	**$39,241**	**$39,241**	**$33,987**

Graduate 2024-2025 Cost of Attendance

FEE CATEGORY	FL RESIDENT, ON-CAMPUS	FL RESIDENT, OFF-CAMPUS	FL RESIDENT, WITH RELATIVE	NON-FL RESIDENT, ON-CAMPUS	NON-FL RESIDENT, OFF-CAMPUS	NON-FL RESIDENT, WITH RELATIVE
Tuition & Fees	$8,892	$8,892	$8,892	$18,792	$18,792	$18,792
Books & Supplies	$2,562	$2,562	$2,562	$2,562	$2,562	$2,562
Housing	$6,988	$9,580	$1,874	$6,988	$9,580	$1,874
Food	$4,822	$2,370	$4,822	$4,822	$2,370	$4,822
Transportation	$3,029	$2,889	$2,889	$3,029	$2,889	$2,889
Miscellaneous	$1,368	$1,368	$1,368	$1,368	$1,368	$1,368
Direct Loan Fees	$163	$163	$163	$163	$163	$163
Total	**$27,824**	**$27,824**	**$22,570**	**$37,724**	**$37,724**	**$32,470**

Please Note: Doctor of Physical Therapy (DPT), BSN-DNP in Family Nurse Practitioner, BSN-DNP in Nurse Anesthetist and Post-MSN Doctor of Nursing Practice students' cost of attendance is based on the Graduate (In State/Out of State) cost of attendance plus additional items that are determined by the University of North Florida. Please contact the Graduate School for additional information.

UNF Net Price Calculator

UNF provides an online net price calculator to assist first-time-in-college students in estimating out-of-pocket expenses associated with enrolling at the University. The actual costs incurred depend upon the individual student information. Students who are in need of financial counseling should request this assistance through One-Stop Student Services.

Tuition/Fees

Special Fees

Special Fees, Fines and Penalties

The University of North Florida Board of Trustees must authorize all fees assessed, unless specifically delegated herein to the President. For purposes of clarification, the term "at cost" or "cost" includes those increased costs that are directly related to the delivery of the goods or services.

1. Audit Registration Fees - Audit registration assures a course space for the student; however, no grade is awarded. This fee is the same as the resident tuition provided in Regulation 11.0010R, except for developmentally disabled students enrolled in the University's On-Campus Transition Program. The audit registration fee for students enrolled in this program is $0.00 per credit hour.
2. Registration of Zero Hours - Such registration provides for examinations, graduations, use of facilities, etc., when deemed appropriate by the University. A student will not be assessed resident tuition.
3. Application Fee - Individuals who apply for admission to the University of North Florida shall pay a non-refundable Application Fee of $30.00 for applications. This fee will be waived for applicants who can document that they have received a fee waiver due to economic need as determined by the College Board or the American College Testing Program.
4. Continuing Education Course Fees - Any fees charged to students for continuing education credit activities that are higher than the normally approved fees for similar credit activities offered in the regular on-campus program, shall be established solely for the purpose of recovering all increased costs which result from offering these courses as continuing education activities.
5. Late Registration Fee - The University will assess a late registration fee of $100.00 against students who fail to initiate registration during the regular registration period.
6. Late Payment Fee - The University will assess a late payment fee of $100.00 to students who fail to pay or who fail to make appropriate arrangements for payment (by means of installment payment, deferment or third-party billing), by tuition deadlines set by the University.
7. Service Charge - The University will assess a service charge totaling $15.00 for the payment of tuition in installments.
8. Library Fines - $0.25 per book or unit, per day, up to $5.00 maximum.
9. Overdue Reserve Library Books - $1.00 per book or unit item, per hour, up to $5.00 maximum.
10. Overdue Recalled Library Items - $1.00 per book or unit, per day, in addition to any other fines or penalties, up to $5.00 maximum.
11. Overdue ILL Items - $1.00 per book or unit, per day, up to $5.00 maximum.
12. Late Equipment Fee - $0.25 per item, per day.
13. Security/Access/Identification Card; Duplicate: (a) Annual $ 10.00; and (b) Duplicates $15.00.
14. Duplicating/Photocopying Fee (personal use only) - cost.
15. Standardized Tests - The fee for all standardized tests (GRE, URE, etc.,) will consist of the costs of administering the tests.
16. Binding Fee - (Thesis and Dissertation) - cost.
17. Microfilm Fee (Thesis and Dissertation) - cost.
18. Copyright Fee (Dissertation) - cost.
19. All breakage and lost library materials - cost.
20. Lost Keys/Cylinder change - cost.
21. Equipment Damage and Loss - cost.
22. Interlibrary Loans/Literature Searches - cost.
23. Facilities/Equipment Use Charge - cost.
24. Orientation Fee - Freshmen $35.00 and an additional $125.00 associated program cost; Transfer Students $35.00 and a $15.00 associated program cost.
25. Transcript Fee - Per item $10.00. (*excludes applicable processing and shipping fees*)
26. Diploma Replacement Fee - Per item $10.00.

27. Off-Campus Educational Activities - The University will assess fees for off-campus course offerings when the location results in specific, identifiable increased costs to the University. These fees will be in addition to the regular student credit hour fees charged to students enrolling in these same courses on-campus. The additional fees charged are for the purpose of recovering the increased costs resulting from off-campus offerings.
28. Material and Supply Fees - The University will assess material and supply fees not to exceed the amount necessary to offset the cost of materials or supply items which are consumed in the course of the student's instructional activities, excluding the cost of equipment, equipment repairs and maintenance.
29. Distance Learning Fee - The University will assess a per-credit hour distance learning fee to cover the additional costs of the provided services attributable to the development and delivery of the distance learning course.
30. Miscellaneous Health Fees - The University will assess fees for miscellaneous health-related services provided at cost by the UNF Student Health Center which are not covered by the health fee set forth under Regulation 11.0010R.
31. Credit Card Convenience Fee - The University will charge a convenience fee of 2.85% (4.25% for international credit cards) of the transaction amount for the use of credit cards for web-originated financial transactions.
32. Housing Rental Rates and Supplemental Charges - Basic rates for housing rental and supplemental charges are set by the University of North Florida Board of Trustees. Current housing rental rates and supplementary housing charges are available for viewing at Housing and Residential website or on the Housing Room Rates Sheets distributed by Housing Operations.
33. Returned Check Fee - The University will assess a service charge as authorized by Section 832.07(1), F.S., for unpaid checks returned to the University.
34. Collection Costs - The University will assess a charge representing the reasonable fee of collection efforts to effect payment for overdue accounts. Collection fees will be assessed to the student for collection of debts owed to the University that are not secured by a promissory note or contract.
35. Education Research Center for Child Development Fee - Pursuant to Section 1011.48, F.S., the University of North Florida Preschool will charge fees for the care and services it provides. Such fees may be imposed on a sliding scale based on the ability to pay or any other factors deemed relevant. A current fee schedule is available on the PreSchool Center's website.

View the University's official policy on special fees, fines and penalties as they relate to tuition and fees.

Tuition/Fees

Florida Prepaid

Florida Prepaid

There are two main types of tuition prepaid plans - (1) tuition or (2) tuition and local fees. Tuition plans cover the tuition, financial aid & capital improvement fees at the undergraduate rate (see the current tuition and fee schedule). Students with tuition only plans and no pending financial aid will have to pay the local fees (see the current tuition and fee schedule) by the tuition deadline to avoid having a $100 late payment fee assessed to their account. Students who have tuition and local fee plans have most of their fees covered, but will have to pay some fees - the technology fee, transportation access fee, student life and services fee (see the current tuition and fee schedule) and other nominal charges (such as lab fees, distance learning or ID card fee) by the tuition deadline to avoid having a $100 late payment fee assessed to their account .

The Student Financial Services Office automatically defers the Florida Prepaid amount on the student's bill based on the number of credit hours registered or the number of hours remaining on the student's prepaid plan, whichever is less. The deferment is placed if the student's Social Security number at Florida Prepaid matches the Social Security number at the University. The student is responsible to ensure the accuracy of their Social Security number at the University and Florida Prepaid. This amount will display on MyWings as "Credit Balance" on "My UNF Bill." Students who do not want the University to bill Florida Prepaid need to opt out on MyWings.

Housing automatically defers for students who have Florida Prepaid for residence hall. Florida Prepaid housing benefits will automatically post as soon as rent is assessed for Fall and Spring. However, Florida Prepaid does not automatically post for Summer housing. If the student wishes to use a Florida Prepaid for Summer semester, please submit a waiver to Florida Prepaid. This must be completed before Housing can invoice Florida Prepaid.

Tuition/Fees

Fee Petitions

Fee Petitions

Fee Petitions & Financial Holds

Fee Petitions

To request a full refund after the add/drop period, a student may file a petition if one of the following conditions is met and documentation is provided:

1. Student's involuntary call to active military duty (refer also to the catalog section titled Military Withdrawal Policy)
2. Death of a member of the student's immediate family (parent, spouse, child, sibling, or grandparents)
3. Incapacitating illness of such duration or severity that completion of the term is impossible, as confirmed in writing by a physician
4. A situation in which the University is in error

PLEASE NOTE: Medical withdrawals should be submitted to the Office of the Dean of Students at 904-620-1491 or deanofstudents@unf.edu. Do not submit medical withdrawals via fee petition.

To file a fee petition, a student, or someone acting on the student's behalf with written authorization, must:

1. Officially withdraw from the course(s) or the University;
2. Complete a fee petition online via myWings (Banner Student Self-Service tile, Online Forms, Fee Petition) and attach documentation supporting one of the conditions indicated above.

The petitioner will receive an email confirmation that the petition was successfully submitted and will be notified via email of the committee's decision (allow 2-3 weeks). Students have six months from the end of the semester in question to file a fee petition. Petitioning for a refund does not guarantee that a refund will be approved. The decision of the Fee Committee is final. By state statute, students may not petition for a refund of the third attempt repeat surcharge or excess hours fee. Miscellaneous fees such as orientation, ID or WOW, or parking permit late fee CANNOT be petitioned.

Tuition fee refunds provided to students will be processed against any outstanding charges prior to remitting a refund to the student.

Financial Holds

Failure to pay outstanding amounts due to UNF will result in a financial hold being placed on the student's records and may also result in a $100 late payment fee. A financial hold prohibits the processing of requests for transcripts, registration, reinstatement, enrollment verification, release of grades, and receipt of diploma until the debt is cleared by the Student Financial Services Office. Debts in excess of $500 will prohibit students from registering for future semesters. Continued failure to pay may result in the account being sent to a collection agency with additional collection fees of up to 33.3 percent being assessed to the student's account and may also be reported to a credit bureau.

Tuition/Fees

Parking/Permit Fees

Parking & Permit Fees

UNF students may order a campus parking permit for the academic year or by each term. Permit sales for the academic year begin in July, and purchase windows are assigned in order of seniority by number of credit hours earned. Students are notified of upcoming sales windows by e-mail, in Osprey Updates, and on the UNF Parking Services website.

To view your student parking account, begin by logging into the MyWings web portal. Once logged in, click “Student” under My Resources and then click on the “Parking” tile. Permit orders can be completed from this page, and the cost of that permit will be automatically transferred to your main student bill for convenient payment of tuition and fees together.

UNF parking permits are virtual, so no sticker or paper is required. When arriving on campus, make sure to park forward-facing so that the license plate is visible from the drive aisle. Because your virtual permit is linked to your license plate, it’s important to have accurate vehicle and plate information listed on your permit. You can update the vehicle and plate information on your student parking account at any time.

Campus visitors may purchase a visitor day pass . A blue visitor day pass costs $5 and allows the guest to park in any blue or gray permit space on campus. A gray visitor day pass costs $2 and allows the guest to park in any gray permit space on campus. Visitors are not permitted to park in Faculty/Staff or Housing lots. Repeat visitors may wish to download the free AMP Park mobile app for convenient storage of plate and payment card information.

If you have questions about your parking account, Parking and Transportation Services is happy to assist at parking@unf.edu or (904) 620-2815.

Tuition/Fees

Reinstate Registration

Reinstatement of Registration

Students whose courses are administratively dropped due to failure to pay or pend fees may submit their request for reinstatement online via their myWings web portal before the reinstatement deadline as noted in the online UNF Academic Calendar. Students must reinstate in all courses for which they were originally registered and must immediately pay all delinquent financial liabilities. Additionally, the student will be charged a $100 re-registration fee and a $100 late payment fee.New subpage content

Quick Guide to UNF Resources

QUICK GUIDE TO UNF RESOURCES

Academic Advising

More information about each of the advising units listed below.

- Academic Center for Excellence (Freshman/Sophomore Advising)
- Brooks College of Health Advising
- Coggin College of Business Advising
- College of Arts and Sciences Advising
- College of Computing, Engineering and Construction
    - Construction Management Advising Center
    - School of Computing Advising Center
    - School of Engineering Advising Center
- Silverfield College of Education and Human Services Advising
- Hicks Honors College

Academic Services

- Thomas G. Carpenter Library
- The Graduate School
- Student Academic Success Services (SASS)
    - Supplemental Instruction
    - Tutoring
    - Academic Coaching
    - Peer-Assisted Student Success (PASS)
- UNF Writing Program & Center

Campus Involvement

- Institute of Environmental Research and Education
- Office of Fraternity and Sorority Life
- Housing and Residence Life
- Office of Student Life

- Recreation and Wellness
- Student Government
- Student Media
- John A. Delaney Student Union
- Taylor Leadership Institute

Campus Services

- Bookstore
- UNF Preschool
- Food Services
- Housing
- Information Technology Services
- Osprey Card Services
- Parking Services
- Postal Service
- Ticket Box Office

Employment Services

- Career Services
- Student Employment/HR

Financial Services

- Cashier's Office
- Financial Aid/One-Stop Student Services
- Scholarships

Fitness and Health

- Counseling Center
- Recreation and Wellness
- Student Health Services
- Student Wellness Complex

Multicultural Services

- English Language Program
- International Center

Personal Support Services

- Career Services
- Counseling Center
- Dean of Students (Conduct)
- Student Accessibility Center
- Health Promotions (Alcohol & Drugs, Sexual Health, Mental Health and Stress)
- Parent and Family Programs
- Student Health Services
- Student Ombudsman

Student Enrollment & Records

- The Graduate School
- One-Stop Student Services
- Records and Registration

Veteran & Military Services

- Military and Veterans Resource Center
- ROTC/Army
- NROTC/Navy

Accelerated Pathways

Accelerated Bachelor's to Master's Pathways

UNF provides exceptional undergraduate students with the opportunity to complete the requirements for both the bachelor's and master's degrees at an accelerated pace. Accelerated Pathways allow students to get a head start on their graduate education by taking graduate courses during their junior and senior undergraduate years.

Typically, up to 12 credit hours of graduate work may count toward a baccalaureate degree, thus reducing the time it takes to get both degrees. The number of shared hours is determined by the total graduate and undergraduate credits.

Advantages

An Accelerated Bachelor's to Master's Pathway provides many benefits:

- Students can save tuition money and time to graduation compared to the traditional track of enrolling in graduate coursework only after completing the baccalaureate degree.
- Many programs reduce the graduate admission requirements for Accelerated Pathway students. For example, students might not need to take the GRE, saving time and money.
- An Accelerated Pathway allows students to enter the job market more quickly and command a higher salary due to the graduate-level knowledge and skills desired by many employers.
- Students may be able to use some forms of undergraduate financial aid to pay for the undergraduate tuition portion of graduate courses, especially if they entered UNF with Advanced Placement and/or dual credit towards their baccalaureate degree.
- Students in Accelerated Pathways are eligible for the Exclusive Graduate Tuition Rate which provides about a third reduction in the cost of tuition, excluding fees, while taking graduate courses required for the Accelerated Pathway and maintaining continuous enrollment.
- Students in Accelerated Pathways are also eligible for the UNF Pathways Scholarship. This scholarship is awarded to help offset the cost of the graduate coursework while enrolled as an undergraduate. Students are automatically considered upon admission to an Accelerated Pathway and a separate application is not required.

Eligibility

Once you have attained junior status (at least 60 credit hours), you are eligible to start an Accelerated Pathway if you have a minimum undergraduate GPA of 3.00 overall and have submitted the Undergraduate Level Accelerated Application with approval from your advisor and the graduate program director. Specific programs may have more rigorous academic requirements for participation in an Accelerated Pathway. Eligibility for participation in an Accelerated Pathway does not guarantee admission into the graduate program (see section below).

Students must maintain admission criteria to continue in the Accelerated Pathway. Students who do not maintain minimum GPA standards are subject to removal from the Accelerated Pathway.

Exceptions to these requirements may be made on a case-by-case basis. Graduate program directors should contact the director of the Graduate School if an exception is needed.

Process

The core element of an Accelerated Pathway is the ability for undergraduates to enroll in typically up to 12 credit hours of graduate coursework that counts towards fulfilling both the graduate and baccalaureate degrees. (Note that the exact number of credit hours depends on the program.)

1. Meet with your undergraduate advisor and the graduate program director for the Accelerated Bachelor's to Master's Pathway you would like to pursue. Consult with Financial Aid to determine any potential ramifications during the change from undergraduate to graduate standing (see section below), and the International Center if you are an international student.
2. Identify the graduate courses that will count towards fulfilling both the undergraduate and graduate requirements.
    1. Request your advisor submit the Undergraduate Level Accelerated Application the term before you plan to start taking graduate courses.
3. Complete the designated graduate coursework your junior and/or senior year during which you will maintain undergraduate status.
4. Apply to graduate with your bachelor's degree during your final term.
5. Request your advisor submit the Graduate Level Accelerated Application during your final term. It must also be approved by the graduate program director and the Graduate School. You must meet graduate program admission standards; admission to graduate school is not guaranteed.
6. Graduate with your bachelor's degree and become a graduate student (if admitted). The graduate courses that were identified on the Accelerated Pathway application (with at least a B grade earned) taken as an undergraduate will be added to count toward your graduate degree requirements.
7. Complete the remaining graduate coursework.
8. Apply for graduation during your final term.
9. Graduate degree is awarded.

NOTE:

- The graduate application must be for admission to the graduate program within three consecutive terms immediately after graduating with a bachelor's degree from UNF. Students may take additional graduate coursework beyond the courses approved for the accelerated pathway. However, these courses will not count towards both degree requirements.

Accelerated Pathways

List of Programs

Interdisciplinary Programs

- Chemistry (BS) to Materials Science and Engineering (MS)
- International Studies (BA) to International Affairs (MA)
- Political Science (BA) to International Affairs (MA)

Brooks College of Health

- Healthcare Management (BHM) to Health Administration (MHA)
- Interdisciplinary Health Studies (BSH) to Athletic Training (MS)
- Kinesiology (BSH) to Athletic Training (MS)
- Nutrition and Dietetics (BS) to Nutrition and Dietetics (MS)

College of Arts and Sciences

- Biomedical Sciences (BS) to Biology: Biomedical Science non-thesis (MS)
- Communication (BS) to Communication Management (MS)

- Communication Studies (BA) to Communication Management (MS)
- English (BA) to English (MA)
- History (BA) to History (MA)
- International Studies (BA) to History (MA)
- International Studies (BA) to Social Work (MSW)
- Music Education (BME) to Music Education: Pedagogy & Research (MM)
- Physics (BS) to Materials Science and Engineering (MS)
- Political Science (BA) to Public Administration (MPA)
- Psychology (BS) to Psychological Science (MS)

College of Computing, Engineering and Construction

- Civil Engineering (BS) to Civil Engineering (MSCE)
- Electrical Engineering (BS) to Electrical Engineering (MSEE)
- Mechanical Engineering (BS) to Mechanical Engineering (MSME)
- Computer Science (BS) to Computing and Information Science (MS)
- Computing and Information Sciences (BS) to Computing and Information Sciences (MS)
- Information Science (BS) to Computing and Information Sciences (MS)
- Information Systems (BS) to Computing and Information Sciences (MS)
- Information Technology (BS) to Computing and Information Sciences (MS)

Silverfield College of Education and Human Services

- Sport Management (BS) to Educational Leadership - Athletic Administration (MED)

State Civic Literacy

State Civic Literacy Requirement

All undergraduate degree-seeking students who enroll in a Florida public institution in Summer B 2018 and thereafter must meet the state's civic literacy requirement before graduation. The specific requirements differ depending on when you entered either a State University System (SUS) or Florida College System (FCS) institution. Please talk to your academic advisor about what you need to do to fulfill this requirement.

Requirements Based on When Student Entered SUS or FCS

Prior to Summer B 2018

- No Civic Literacy Requirement

Summer B 2018 through Summer A 2021

- Complete a designated course **OR** an approved Civic Literacy assessment

Summer B 2021 through Summer A 2024

- Complete **BOTH** a designated course **AND** an approved Civic Literacy assessment

Summer B 2024 and thereafter

- Complete **BOTH** a designated course **AND** pass the Florida Civic Literacy Exam (FCLE)

Post-baccalaureate students must complete the Civic Literacy requirement if they did not do so as part of their initial bachelor's degree, regardless of when they may have initially entered the SUS/FCS.

Meeting the Civic Literacy Requirement:

Please refer to the Student Success website for more information on how to meet the State Civic Literacy Requirement.

Credit Transfer and Acceleration Mechanisms

Credit Awarded through State Approved Acceleration Mechanisms

For undergraduates, transfer credits are considered applicable toward graduation unless specifically noted as "non-applicable" when the student's degree program is planned. Designation of a course as "non-applicable" is based on the length of time since its completion, relevancy to the present degree objective, accreditation status of the institution where earned, or other significant factors. For more information regarding transferability of credits, please visit the UNF Admissions webpage — Transfer Credits.

The University will accept credit awarded through one or a combination of state-approved acceleration mechanisms, not to exceed 45 credit hours. Credit awarded through state-approved acceleration mechanisms must meet the minimum scores established by the Statewide Articulation Agreement.

The state-approved acceleration mechanisms are:

- College Level Examination Program (CLEP)
- College Board Advanced Placement (AP)
- The Defense Activity for Non-Traditional Education Support (DANTES) (formerly United States Armed Forces Institute or USAFI)
- American College Testing - Excelsior
- Military service school credit as evaluated by the American Council on Education Guide to the evaluation of educational experiences in the armed services (Maximum of 21 hours)
- Law enforcement training as identified by the ACC in the *Credit for Law Enforcement Experience List*
- International Baccalaureate (IB)

- Advanced International Certificate of Education (AICE)

The University will also accept credit awarded through dual enrollment as established by the Statewide Articulation Agreement. More information on Dual Enrollment.

View the University's current official policy.

Credit Transfer and Acceleration Mechanisms

CLEP

CLEP Credit

Credit earned through the College-Level Examination Program (CLEP) at a Florida public institution prior to initial enrollment at UNF will receive equivalent transfer credit. CLEP scores for which credit is not awarded at another Florida public institution will be evaluated in accordance with the statewide articulation agreement. For CLEP tests currently available, UNF students may register for CLEP examinations designed to cover material in the University general education curriculum in accordance with the statewide articulation agreement. Credit earning scores and course credit awarded can be found on the Florida Statewide Course Numbering System website. Students are advised to register for CLEP prior to the semester in which they intend to use the CLEP credit. Official scores must be mailed to One-Stop Student Services prior to the end of the add/drop period of the semester in which credit is to be recorded. Students are further advised to refrain from enrolling for any course that requires a prerequisite for which CLEP is to be substituted (i.e., a student should not register for French II if the student is attempting to achieve CLEP credit for French I). A CLEP examination may not be used to forgive a grade already earned.

By presenting appropriate CLEP scores, students may earn as many as 30 credit hours. The applicability of these credits toward completion of general education requirements will be determined by Enrollment Services Processing. Credit will be granted for examinations based on passing scores in the statewide articulation agreement. Further information on the awarding of transfer credit through CLEP may be obtained from the Office of Admissions .

Information is subject to change.

CLEP TEST TITLE	EQUIVALENCY	CLEP SCORE (MINIMUM)	UNF CREDIT RECEIVED
American Government	POS 2041	50	3 hours Common Core Course
American Literature	AML 2000	50	3 hours elective
Analyzing and Interpreting Literature	No direct equivalent. Recommend American or English Literature exams instead.	N/A	N/A
Calculus	MAC 2233	50	4 hours Gordon Rule Mathematics
College Algebra	MAC 1105	50	3 hours Common Core Course
College Composition	ENC 1101 and ENC1102	50	3 hours Common Core Course/3 hours English
College Composition Modular*	ENC 1101 and ENC1102	50	3 hours Common Core Course/3 hours English
College Mathematics	MGF1107 or MGF 1106	50	3 hours Common Core Course
English Composition with Essay	ENC 1101	50	3 hours Common Core Course
English Literature	ENL 1000	50	3 hours elective
Financial Accounting	ACG 1001	50	3 hours elective
French Language — Coll Lvl I	FRE 1120	50	4 hours Foreign Language
French Language — Coll Lvl 2	FRE 1120 and FRE 1121	59	8 hours Foreign Language
General Biology	BSC 1005	50	3 hours Common Core Course
General Chemistry	CHM 1020 or CHM 1025	50	3 hours Common Core Course
German Language — Coll Lvl 1	GER 1120	50	4 hours foreign language
German Language — Coll Lvl 2	GER 1120 and GER 1121	60	8 hours foreign language
History of the United States I: Early Colonization to 1877	AMH 2010	50	3 hours elective
History of the United States II: 1865 to Present	AMH 2020	50	3 hours Common Core Course
Human Growth & Development	DEP 2004	50	3 hours elective
Humanities	HUM 1235 or HUM 1250	50	3 hours elective
Information Systems & Computer Applications	CGS 1077	50	3 hours elective
Introductory Business Law	BUL 1241	50	3 hours elective
Introductory Educational Psychology	EDP 1002	50	3 hours elective
Introductory Psychology	PSY 2012	50	3 hours Common Core Course
Introductory Sociology	SYG 2000	50	3 hours Common Core Course
Natural Science	No direct equivalent. Recommend specific subject exams instead.	N/A	N/A
Precalculus	MAC 1147	50	3 hours Gordon Rule Mathematics
Principles of Macroeconomics	ECO 2013	50	3 hours Common Core Course
Principles of Management	MAN 2021	50	3 hours elective
Principles of Marketing	MAR 2011	50	3 hours elective
Principles of Microeconomics	ECO 2023	50	3 hours elective
Social Science and History	No direct equivalent. Recommend specific subject exams instead.	N/A	N/A
Spanish Language — Coll Lvl 1	SPN 1120	50	4 hours Foreign Language
Spanish Language — Coll Lvl 2	SPN 1120 and SPN 1121	63	8 hours Foreign Language
Western Civilization I: Ancient Near East to 1648	EUH 1000	50	3 hours elective
Western Civilization II: 1648 to Present	EUH 1001	50	3 hours elective

* There is no guarantee that College Composition Modular will be accepted without the essay component.

Credit Transfer and Acceleration Mechanisms

AP

Advanced Placement

Credit will be granted for satisfactory scores on the Advanced Placement (AP) examinations. The chart below can be used as a guide to determine the type and amount of credit.

Information is subject to change.

AP COURSE	EQUIVALENCY	SCORE NEEDED	UNF CREDIT RECEIVED	NOTES
2-D Art and Design	ART 1201C	3, 4, 5	3 hours elective	
3-D Art and Design	ART 2203C	3, 4, 5	3 hours elective	
Art History	ARH 2000	3	3 hours Common Core Course	
Art History	ARH 2000 and ARH 2051	4, 5	3 hours Common Core Course/3 hours elective	(Effective for exams taken after 5/16/2018)
Biology	BSC 1005C	3	4 hours Common Core Course	
Biology	BSC 1010C	4	4 hours Common Core Course	
Biology	BSC 1010C and BSC 1011C	5	4 hours Common Core Course	
Calculus AB	MAC 2311	3, 4, 5	4 hours Common Core Course	
Calculus BC	MAC 2311	3	4 hours Common Core Course	
Calculus BC	MAC 2311 and MAC 2312	4, 5	4 hours Common Core Course 4 hours GR Math	
Capstone Research	IDSXXXX	3, 4, 5	3 hours elective	
Capstone Seminar	IDS 1350	3, 4, 5	3 hours elective	
Chemistry	CHM 1020C	3	4 hours Common Core Course	
Chemistry	CHM 2045C	4	4 hours Common Core Course	
Chemistry	CHM 2045C and CHM 2046C	5	4 hours Common Core Course	
**Chinese Language & Culture	CHI 2200	3	3 hours foreign language	
**Chinese Language & Culture	CHI 2200 and CHI 2201	4, 5	6 hours foreign language	
Computer Science A	CGS 1075	3, 4, 5	3 hours elective	
Computer Science AB	CGS 1076	3, 4, 5	3 hours elective	
Computer Science Principles	COP 1000	3, 4, 5	3 hours elective	
Drawing	ART 1300C	3, 4, 5	3 hours elective	
Economics: Macro	ECO 2013	3, 4, 5	3 hours Common Core Course	
Economics: Micro	ECO 2023	3, 4, 5	3 hours elective	
*English Language & Composition	ENC 1101	3	3 hours Common Core Course; GR Writing	
*English Language & Composition	ENC 1101 and ENC 1102	4, 5	3 hours Common Core Course 6 hours GR writing	
*English Literature & Composition	ENC 1101	3	3 hours Common Core Course 6 hours GR writing	
*English Literature & Composition	ENC 1101 and ENC 1102	4, 5	3 hours Common Core Course 6 hours GR writing	
Environmental Science	ISC 1051	3, 4, 5	3 hours science	
European History	EUH 1009	3	3 hours elective	
European History	EUH 1000 and EUH 1001	4, 5	3 hours elective 3 hours elective	
**French Language and Culture	FRE 2240	3	3 hours foreign language	
**French Language and Culture	FRE 2240 and FRE 2241	4, 5	6 hours foreign language	
**French Literature	FRW 3100	3	3 hours elective	
**German Language and Culture	GER 2200	3	3 hours foreign language	
**German Language and Culture	GER 2200 and GER 2201	4, 5	6 hours foreign language	
Government and Politics: Comparative	CPO 2002	3, 4, 5	3 hours elective	
Government and Politics: United States	POS 2041	3, 4, 5	3 hours Common Core Course and Civic Literacy Requirement	
Human Geography	GEO 2400 or GEO 2420	3, 4, 5	3 hours elective	

AP COURSE	EQUIVALENCY	SCORE NEEDED	UNF CREDIT RECEIVED	NOTES
**Italian Language & Culture	ITA 2200	3	3 hours foreign language	
**Italian Language & Culture	ITA 2200 and ITA 2201	4, 5	6 hours Foreign Language	
**Japanese Language & Culture	JPN 2200	3	3 hours foreign language	
**Japanese Language & Culture	JPN 2200 and JPN 2201	4, 5	6 hours foreign language	
Latin	LNW 1700	3, 4, 5	3 hours elective	
**Latin: Latin Literature	LNW 2700	3, 4, 5	3 hours elective	
Music Theory	MUT 1001	3 composite	3 hours elective	
Music Theory	MUT 1111 and MUT 1241	3, 4, 5 if both aural and non-aural sub-scores are 3 or higher	6 hours elective	
Physics 1	PHY 2053C	3, 4, 5	4 hours Common Core Course	
Physics 2	PHY 2054C	3, 4, 5	4 hours science	
Physics B	PHY 2053C	3	4 hours Common Core Course	
Physics B	PHY 2053C and PHY 2054C	4, 5	4 hours Common Core Course 4 hours science	
Physics C: Electricity/ Magnetism	PHY 2054C	3	4 hours science	
Physics C: Electricity/ Magnetism	PHY 2049C	4,5	4 hours science	
Physics C: Mechanics	PHY 2053C	3	4 hours Common Core Course	
Physics C: Mechanics	PHY 2048C	4, 5	4 hours Common Core Course	
Precalculus	MAC 1140	3	3 hours math	
Precalculus	MAC 1140 and MAC 1114 or MAC 1147	4, 5	6 hours math	
Psychology	PSY 2012	3, 4, 5	3 hours Common Core Course	
**Spanish Language and Culture	SPN 2200	3	3 hours foreign language	
**Spanish Language and Culture	SPN 2200 and SPN 2201	4, 5	6 hours foreign language	
**Spanish Literature	SPW 3030	3	3 hours elective	
**Spanish Literature	SPW 3030 and SPW 3000	4, 5	6 hours elective	
Statistics	STA 2023	3, 4, 5	3 hours Common Core Course	
Studio Art: Drawing Portfolio	ART 1300C	3, 4, 5	3 hours elective	
U. S. History	AMH 1000	3	3 hours elective	
U. S. History	AMH 2020 and AMH 2010	4, 5	6 hours Common Core Course and Civic Literacy Requirement	
World History: Modern	WOH 2022	3, 4, 5	3 hours elective	

* Students will not receive English credit for both exams. If a student passes both exams, one will reflect six hours free elective credit.

** Foreign language does not fulfill the UNF general education humanities requirement and will only serve to fulfill free elective credits for the student's program of study.

Credit Transfer and Acceleration Mechanisms

IB

International Baccalaureate

UNF recognizes the International Baccalaureate. The charts below can be used as a guide to determine the type and amount of credit.

There may be additional IB courses not mentioned in this list. If you would like to receive credit for an IB course that is not listed, please see the Office of Admissions or your college academic advisor. The responsible academic department will need to review the course syllabus to determine the type of credit to be given.

Information is subject to change.

IB COURSE	EQUIVALENCY	IB SCORE	UNF CREDIT RECEIVED
Biology	BSC 1005C	4	4 hours Common Core Course
Biology	BSC 1005C and BSC 1010C	5,6,7	4 hours Common Core Course 4 hours Common Core Course
Biology (SL)	BSC 1005C	4, 5, 6, 7	4 hours Common Core Course
Biology (HL)	BSC 1005C and BSC 1010C	4, 5, 6, 7	4 hours Common Core Course 4 hours Common Core Course
Business and Management	GEB 1011 or MAN 1604	4	3 hours elective
Business and Management	GEB 1011 and MAN 2652 or MAN 1604	5, 6, 7	3 hours elective 3 hours elective
Chemistry	CHM 1020C	4	4 hours Common Core Course
Chemistry	CHM1020C and CHM 2045C	5, 6, 7	4 hours Common Core Course 4 hours Common Core Course
Computer Science	CGS 1100	4	3 hours elective
Computer Science	CGS 1100 and IDC 2000	5, 6, 7	3 hours elective 3 hours elective
Design Technology	ETI 1410	4	3 hours elective
Design Technology	ETI 1410 and ETI 1000	5, 6, 7	3 hours elective 3 hours elective
Digital Society	MMC 1004	4	3 hours elective
Digital Society	MMC 1004 and CGS 1100	5, 6, 7	3 hours elective 3 hours elective
Economics	ECO 1000	4	3 hours elective
Economics	ECO 2013 and ECO 2023	5, 6, 7	3 hours Common Core Course 3 hours elective
Ecosystems and Societies	EVR 1017 or EVR 1018	4	3 hours elective
Ecosystems and Societies	EVR1017 or EVR 1018 and ISC 1000	5, 6, 7	3 hours elective 3 hours elective
Environmental Systems and Societies (SL)	EVR 1001 or EVR 1002	4	3 hours elective
Environmental Systems and Societies (SL)	EVR 1001 or EVR 1002 and EVR 1000	5, 6, 7	3 hours elective 3 hours elective
English Language A: Language and Literature	ENC 1101	4	3 hours Common Core Course
English Language A: Language and Literature	ENC 1101 and ENC 1102	5, 6, 7	6 hours Common Core Course
English Language A: Literature	ENC 1141 or LIT 2000	4	3 hours elective
English Language A: Literature	ENC 1141 and LIT 2000	5, 6, 7	6 hours elective
Environmental Systems	ISC 1050	4	3 hours non-lab science
Environmental Systems	ISC 1050 and BSC 3057	5, 6, 7	3 hours non-lab science 3 hours non-lab science
Film Studies	FIL 1001	4	3 hours elective
Film Studies	FIL 1001 and FIL 1002	5, 6, 7	3 hours elective 3 hours elective
French	FRE 1121	4	4 hours foreign language
French	FRE 1121 and FRE 2240	5, 6, 7	4 hours foreign language 3 hours foreign language
Further Math	MHF 3202	4	3 hours GR Math
Further Math	MHF 3191 and MHF 3202	5, 6, 7	6 hours GR Math
Further Mathematics (Advanced Mathematics)	MHF 3202 and	4	3 hours GR Math
Further Mathematics (Advanced Mathematics)	MHF 3202 and MHF 2209	5, 6, 7	3 hours GR Math 3 hours GR Math
Geography	GEA 1000	4	3 hours elective
Geography	GEO 2200 and GEO 2400	5, 6, 7	3 hours elective 3 hours elective
German	GER 1121	4	4 hours foreign language

IB COURSE	EQUIVALENCY	IB SCORE	UNF CREDIT RECEIVED
German	GER 1121 and GER 2200	5, 6, 7	4 hours foreign language 3 hours foreign language
Global Politics (SL)	INR 2002	4, 5, 6, 7	3 hours elective
Global Politics (HL)	INR 2002	4	3 hours elective
Global Politics (HL)	INR 2002 and POLS 1000	5, 6, 7	6 hours elective
History	WOH 1030	4	3 hours elective
History	WOH 1030 and TBD	5, 6 , 7	6 hours elective
History (SL)	WOH 1030	4, 5, 6, 7	3 hours elective
History (HL): History of Africa and the Middle East	WOH 1030	4	3 hours elective
History (HL): History of Africa and the Middle East	WOH 1030 and WOH 1031	5, 6, 7	3 hours elective 3 hours elective
History (HL): History of the Americas	WOH 1030	4	3 hours elective
History (HL): History of the Americas	WOH 1030 and AMH 2020	5, 6, 7	3 hours elective 3 hours elective
History (HL): History of Asia and Oceania	WOH 1030	4	3 hours elective
History (HL): History of Asia and Oceania	WOH 1030 and WOH 1031	5, 6, 7	3 hours elective 3 hours elective
History (HL): History of Europe	WOH 1030	4	3 hours elective
History (HL): History of Europe	WOH 1030 and WOH 1031	5, 6, 7	3 hours elective 3 hours elective
Information and Technology for a Global Society	CGS 1078	4	3 hours elective
Information and Technology for a Global Society	CGS 1078 and CGS 1100	5, 6, 7	3 hours elective 3 hours elective
Islamic History	ASH 3223	4	3 hours elective
Islamic History	ASH 3223 and ASH 1000	5, 6, 7	3 hours elective 3 hours elective
Italian	Discretion of Department	4	3 hours foreign language
Italian	Discretion of Department	5, 6, 7	3 hours foreign language 3 hours foreign language
Latin	LAT 1120	4	4 hours foreign language
Latin	LAT 1120 and LAT 1230	5, 6, 7	4 hours foreign language 3 hours foreign language
Literature and Performance (SL)	THE 1300	4, 5, 6, 7	3 hours elective
Marine Science	BSC 1311C	4	3 hours lab-science
Marine Science	BSC 1311C and OCB 1010C	5, 6, 7	3 hours lab-science 3 hours lab-science
Math Analysis and Approaches (SL)	MAC 1105	4	3 hours GR Math
Math Analysis and Approaches (SL)	MAC 1105 & MAC 1140	5, 6, 7	6 hours GR math
Math Analysis and Approaches (HL)	MAC 1105	4	3 hours GR Math
Math Analysis and Approaches (HL)	MAC 1105 and MAC 2311	5, 6, 7	6 hours GR math
Math Applications and Interpretations (SL)	MAC 1105	4	3 hours GR Math
Math Applications and Interpretations (SL)	MAC 1105 and and MAC 1140	5, 6, 7	6 hours GR math
Math Applications and Interpretations (HL)	MAC 1140	4	3 hours GR Math
Math Applications and Interpretations (HL)	MAC 1140 and STA 2023	4	3 hours Common Core Course
Math Methods	MAC 1105	4	3 hours Common Core Course
Math Methods	MAC 1105 and MAC 1140	5	3 hours Common Core Course
Math Methods	MAC 1140 and MAC 2233	6, 7	4 hours GR Math
Mathematics	MAC 1147	4	4 hours GR Math
Mathematics	MAC 1147 and MAC 2233	5, 6, 7	7 hours GR Math

IB COURSE	EQUIVALENCY	IB SCORE	UNF CREDIT RECEIVED
Mathematics	MAC 2233 and MAC 2311	6,7	3 hours GR Math
Mathematical Studies	MAT 1033	4	3 hours elective
Mathematical Studies	MAT 1033 and MGF 1106	5, 6, 7	3 hours elective 3 hours Common Core Course
Mathematical Studies (SL)	MAC 1105	4, 5, 6, 7	3 hours GR Math
Mathematical Studies (SL)	MAC 1105 and MAC 1000		3 hours GR Math 3 hours elective
Music	MUL 1010	4	3 hours Common Core Course
Music	MUL 1010 and MUL 1000	5, 6, 7	3 hours Common Core Course 3 hours elective
Philosophy	PHI 2010	4	3 hours Common Core Course
Philosophy	PHI 2010 and PHI 1000	5, 6, 7	3 hours Common Core Course 3 hours elective
Physics	PHY 1020C	4	4 hours Common Core Course
Physics	PHY 1020C and PHY 1009	5	4 hours Common Core Course 3 hours non-lab-science
Physics	PHY 2053C and PHY 2054C	6, 7	4 hours Common Core Course 4 hours lab-science
Physics (SL)	PHY 1020C	4, 5, 6, 7	4 hours lab-science
Physics (HL)	PHY 1020C and PHY 2053C	4, 5, 6, 7	4 hours Common Core Course 4 hours Common Core Course
Psychology	PSY 2012	4	3 hours Common Core Course
Psychology	PSY 2012 and PSY 1000	5, 6, 7	3 hours Common Core Course 3 hours elective
Social and Cultural Anthropology	ANT 2410	4	3 hours elective
Social and Cultural Anthropology	ANT 2410 and ANT 1000	5, 6, 7	3 hours elective 3 hours elective
Spanish Language	SPN 1121	4	4 hours foreign language
Spanish Language	SPN 1121 and SPN 2200	5, 6, 7	4 hours foreign language 3 hours foreign language
Theatre (SL)	THE 2000	4, 5, 6, 7	3 hours elective
Theatre (HL)	THE 2000	4	3 hours elective
Theatre (HL)	THE 2000 and TBD	5, 6, 7	6 hours elective
Theatre Arts	THE 2000	4	3 hours Common Core Course
Theatre Arts	THE 2000 and THE 2001	5, 6, 7	3 hours Common Core Course 3 hours elective
Visual Arts	ART 1012	4	3 hours elective
Visual Arts	ART 1012 and ART 1201C	5, 6, 7	3 hours elective 3 hours elective
World Religions (SL)	REL 2300	4	3 hours elective
World Religions (SL)	REL 2300 and REL 1000	5, 6, 7	3 hours elective 3 hours elective

Excelsior and UEXCEL

Excelsior College and UEXCEL Exams

Credit will be granted for satisfactory scores on the Excelsior College and UEXCEL examinations. The chart below can be used as a guide to determine the type and the amount of credit. Credit earning scores and course credit awarded can be found on the Florida Statewide Course Numbering System website.

Information is subject to change.

EXCELSIOR/UEXCEL EXAM	EQUIVALENCY	PASSING SCORE	UNF CREDIT RECEIVED
Abnormal Psychology	CLP 1140	C	3 hours elective
Anatomy and Physiology	BSC 1084	C	3 hours elective
Calculus (UEXCEL)	MAC 2311	C	4 hours Common Core Course
College Writing (UEXCEL)	ENC 1101	C	3 hours Common Core Course
Contemporary Mathematics	MFG 1106	C	3 hours Common Core Course
Earth Science	ESC 2000	C	3 hours Common Core Course
English Composition	ENC 1101 or ENC 1102	C	3 hours Common Core Course
Ethics: Theory and Practice	PHI 1630	C	3 hours elective
Foundations of Gerontology	GEY 1000	C	3 hours elective
Human Resources Management	MAN 1300	C	3 hours elective
Intro to Computer Programming Using Java	COP 1250	C	3 hours elective
Introduction to Macroeconomics	ECO 2013	C	3 hours Common Core Course
Introduction to Music	MUL 2010	C	3 hours Common Core Course
Introduction to Philosophy	PHI 1010	C	3 hours elective
Introduction to Sociology	SYG 1000	C	3 hours elective
Juvenile Delinquency	CCJ 1500	C	3 hours elective
Labor Relations	MAN 1400	C	3 hours elective
Life Span Developmental Psychology	DEP 2004	C	3 hours elective
Managerial Accounting	ACG 2071	C	3 hours elective
Microbiology	MCB 1000	C	3 hours elective
Physics	PHY 1020	C	3 hours Common Core Course
Political Science	POS 1001	C	3 hours elective
Precalculus Algebra	MAC 1105	C	3 hours Common Core Course
Principles of Marketing	MAR 1011	C	3 hours elective
Psychology of Adulthood and Aging	DEP 1401 or DEP 1402	C	3 hours elective
Spanish Language (UEXCEL)	SPN 1000	C	4 hours elective
Weather and Climate	MET 1010	C	3 hours elective
Workplace Communication with Computers	OST 1335	C	3 hours elective
World Conflicts since 1900	WOH 1040	C	3 hours elective

Credit Transfer and Acceleration Mechanisms

DANTES

DANTES Equivalencies

Credit will be granted for satisfactory scores on the DANTES Equivalencies (DANTES). The chart below can be used as a guide to determine the type and the amount of credit. Credit earning scores and course credit awarded can be found on the Florida Statewide Course Numbering System website.

Information is subject to change.

DANTES EXAM	PASSING SCORE*	EQUIVALENCY	UNF CREDIT RECEIVED	NOTES
A History of the Vietnam War	44	AMH 2059	3 hours elective	
Art of the Western World	48	ARH 2000 or ARH 1010	3 hours Common Core Course	
Astronomy	48	AST 2002	3 hours Common Core Course	
Business Ethics and Society	400	GEB 1441	3 hours elective	
Business Law II	44	BUL 2242	3 hours elective	
Business Math	48	QMB 1001	3 hours elective	
Computing and Information Technology	45	CGS 1000 or CGS 1060	3 hours elective	
Criminal Justice	49	CCJ 1000 or CCJ 1020	3 hours elective	
Drug and Alcohol Abuse	49	No direct equivalent	N/A	
Environment & Humanity	46	EVR 1017	3 hours elective	
Environmental Science	400	EVR 1002 or ISC 1003	3 hours elective	Effective for exams taken after 5/16/2018
Ethics in America	46	PHI 2630	3 hours elective	
Foundations of Education	46	EDF 1002	3 hours elective	
Fundamentals of College Algebra	47	MAT 1033	3 hours elective	
Fundamentals of Counseling	45	PCO 1202	3 hours elective	
Fundamentals of Cyber Security	46	CIS 1350 or CIS 1354	3 hours elective	
General Anthropology	47	ANT 2000	3 hours Common Core Course	
Here's to Your Health	48	HSC 2100	3 hours elective	
History of the Soviet Union	45	EUH 1066	3 hours elective	
Human Resources Management	46	MAN 1300	3 hours elective	
Human/Cultural Geography	48	GEO 1400	3 hours elective	
Introduction to Business	46	GEB 1011	3 hours elective	
Introduction to Law Enforcement	45	CCJ 1100	3 hours elective	
Introduction to the Modern Middle East	47	ASH 2044	3 hours elective	
Introduction to World Religions	48	REL 2300	3 hours elective	
Lifespan Developmental Psychology	46	DEP 2004	3 hours elective	
Math for Liberal Arts	48	MGF 1106	3 hours elective	
Management Information Systems	46	ISM 1000 or ISM 1004	3 hours elective	
Money and Banking	48	BAN 1501	3 hours elective	
Organizational Behavior	48	INP 1002	3 hours elective	
Personal Finance	46	FIN 1100	3 hours elective	
Physical Geology	46	GLY 1000	3 hours elective	
Principles of Advanced English	48	ENC 1101	3 Common Core Course	
Principles of Finance	46	FIN 1000	3 hours elective	
Principles of Financial Accounting	47	ACG 1001	3 hours elective	
Principles of Physical Science I	47	PSC 1121	3 hours elective	
Principles of Public Speaking	47	SPC 2600	3 hours elective	
Principles of Statistics	48	STA 2014	3 hours Gordon Rule Mathematics	
Principles of Supervision	46	MAN 1124 or MNA 1345	3 hours elective	
Substance Abuse	49	HSC 1140	3 hours elective	
Technical Writing	46	ENC 2210	3 hours elective	
The Civil War & Reconstruction	47	AMH 1056	3 hours elective	

*Note: The scoring system for DANTES tests has changed to a 400 passing score for 2008 Revised Exams. Some test scores may come over in this new format depending on the test date and a score of 400 or better will be considered passing.

AICE

AICE Exams

Credit will be granted for satisfactory scores on the Advanced International Certificate of Education (AICE) program. The chart below can be used as a guide to determine the type and the amount of credit. Credit earning scores and course credit awarded can be found on the Florida Statewide Course Numbering System website.

Information is subject to change.

AICE EXAM	EQUIVALENCY (PASSING SCORE "A, B, C, D, E")	UNF CREDIT RECEIVED
Accounting (AS-Level)	ACG 1001	3 hours elective
Accounting (A-Level)	ACG 1001 and ACG 1000	6 hours elective
Applied ICT- Information Communication Technology (AS-Level)	CGS 1100	3 hours elective
Applied ICT- Information Communication Technology (A-Level)	CGS 1100 and CGS1000	6 hours elective
Art & Design (AS-Level)	ART 1210C-2D	3 hours elective
Art & Design (A-Level)	ART 1201C-2D and ART 1300C	6 hours elective
Biblical Studies (AS-Level)	REL 1210	3 hours elective
Biblical Studies (A-Level)	REL 1210 and REL 1240	6 hours elective
Biology (AS-Level)	BSC 1005C	4 hours Common Core Course
Biology (A-Level)	BSC 1010C and BSC 1005	4 hours Common Core Course 3 hours Common Core Course
Business (AS-Level)	GEB 1011	3 hours elective
Business (A-Level)	GEB 1011 and GEB 1000	6 hours elective
Chemistry (AS-Level)	CHM 1025C	4 hours Common Core Course
Chemistry (A-Level)	CHM 1025C and CHM 2045C	8 hours Common Core Course
Chinese (AS-Level)	CHI 2200	3 hours foreign language
Chinese (A-Level)	CHI 2201	3 hours foreign language
Chinese Language and Literature (A-Level)	CHI 2200 and 2201	6 hours foreign language
Classical Studies (AS-Level)	CLA 1010	3 hours elective
Classical Studies (A-Level)	CLA 1100 and CLA 1120	6 hours elective
Computing (AS-Level)	CGS 1073	3 hours elective
Computing (A-Level)	CGS 1073 and CGS 1074	6 hours elective
Computer Science (AS - Level)	COP 1000	3 hours elective
Computer Science (A-Level)	COP 1000 and COP 2220	6 hours elective
Design & Technology (AS-Level)	ETI 1482C	3 hours elective
Design & Technology (A-Level)	ETI 1482C and ETI 1000	6 hours elective
Digital Media and Design (AS-Level)	DIG 1000	3 hours elective
Digital Media and Design (A-Level)	DIG 1004	3 hours elective
Drama (AS-Level)	TPP 2100	3 hours elective
Drama (A-Level)	TPP 2100 and TPP 3103	6 hours elective
Economics (AS-Level)	ECO 1000	3 hours elective
Economics (A-Level)	ECO 2013 and ECO 2023	3 hours Common Core Course and 3 hours elective
English (AS-Level) (Language or Language & Literature)	ENC 1101	3 hours Common Core Course
English (A-Level)	ENC 1101 and ENC 1102 or LIT 2000	6 hours Common Core Course
English (AS-Level) (Literature in English)	ENC 1101 or ENC 1102	3 hours Common Core Course
English (A-Level) (Literature in English)	ENC 1101 and ENC 1102 or ENC 1102 and LIT2100	6 hours Common Core Course
Environmental Management (AS-Level)	EVR 1001C	3 hours Common Core Course
French Language (AS-Level)	FRE 2240	3 hours elective
French Literature (AS-Level)	One semester of Lit Survey credit	3 hours elective
French (A-Level)	FRE 2240 and FRE 2241	6 hours elective
Further Mathematics (A-Level)	MAC 2311 and MAC 2312 or STA2023	6 hours Common Core Course
General Paper	IDS 1110	3 hours elective

AICE EXAM	EQUIVALENCY (PASSING SCORE "A, B, C, D, E")	UNF CREDIT RECEIVED
Geography (AS-Level)	GEA 1000	3 hours elective
Geography (A-Level)	GEO 2200 and GEO 2400	6 hours elective
German Language (AS-Level)	GER 2200	3 hours elective
German Language (A-Level)	GER 2200 and GER 2201	6 hours elective
Global Perspectives and Research (AS-Level)	ISS 1011 or ISS 1013	3 hours elective
Global Perspectives Research (A-Level)	ISS 1011 and ISS 1012	6 hours elective
History - The History of the USA c. 1840-1968	AMH 1042	3 hours elective
History - Modern European History 1789-1939	EUH 1031	3 hours elective
History - International History 1945-1991	HIS 1206 or WOH 1040	3 hours elective
History, US History, c. 1840-1941 (AS-Level)	AMH 1029	3 hours elective
History, US History, c. 1840-1990 (A-Level)	AMH 1029 and AMH 2020	3 hours elective and 3 hours Common Course
History, European History, c. 1789-1917 (AS-Level)	EUH 1031	3 hours elective
History, European History, c. 1789-1941 (A-Level)	EUH 1031 and EUH 1000	6 credits elective
History, International Relations/History, c. 1871-1945 (AS-Level)	WOH 1040	3 credits elective
History, International Relations/History, c. 1871-1945 (A-Level)	WOH 1040 and WOH 1043	6 credits elective
Information Technology (AS-Level)	CIS 1000	3 hours elective
Information Technology (A-Level)	CIS 1000 and CIS 1354 and CIS 1105	9 hours elective
Latin (AS-Level)	LAT 1121	3 hours elective
Marine Science (AS-Level)	OCE 1001	3 hours Common Core Course
Marine Science (A-Level)	OCE 1001 and OCB 1000	3 hours Common Core Course 3 hours elective
Mathematics (AS-Level)	MAC 1147	4 hours math
Mathematics (A-Level)	MAC 2311 and MAC 2233	3 hours Common Core Course 3 hours math
Media Studies (AS-Level)	DIG 1000	3 hours elective
Media Studies (A-Level)	DIG 1000 and DIG 1001 or DIG 1030	6 hours elective
Music (AS-Level)	MUH 1001	3 hours elective
Music (A-Level)	MUH 1001 and MUH 1011 or MUH 1012	6 hours elective
Physical Education (AS-Level)	PET 1005	3 hours elective
Physical Education (A-Level)	PET 1005 and PET 1000	6 hours elective
Physics (AS-Level)	PHY 2020C	3 hours Common Core Course
Physics (A-Level)	PHY 2053C and PHY 2054C	8 hours Common Core Course
Portuguese Language (AS-Level)	POR 2202	3 hours foreign language
Portuguese (A-Level)	POR 2202 and POR 2221	6 hours foreign language
Psychology (AS-Level)	PSY 2012	3 hours Common Core Course
Psychology (A-Level)	PSY 2012 and PSY 1000	3 hours Common Core Course and 3 hours elective
Sociology (AS-Level)	SYG 2000	3 hours elective
Sociology (A-Level)	SYG 2000	3 hours elective
Spanish First Language (AS-Level)	SPN 2200	3 hours foreign language
Spanish Language (AS-Level)	SPN 2200	3 hours foreign language
Spanish Literature (AS-Level)	SPW 3030	3 hours elective
Spanish (A-Level)	SPN 2200 and SPN 2201	6 hours foreign language
Sport and Physical Education (AS-Level)	APK 1000	3 hours elective
Thinking Skills (AS-Level)	PHI 1103 or PHI 1401	3 hours elective

AICE EXAM	EQUIVALENCY (PASSING SCORE "A, B, C, D, E")	UNF CREDIT RECEIVED
Thinking Skills (A-Level)	PHI 1103 or PHI 1401 and PHI 1000	6 hours elective
Travel & Tourism (AS-Level)	HFT 1000 or HFT 1700	3 hours elective
Travel & Tourism (A-Level)	HFT 1000 or HFT 1700 and Other Hospitality Mgt. related course	6 hours elective

Foreign Language Requirement

State Foreign Language Requirement

By action of the Florida Legislature, undergraduate students who enter a state university in Florida are subject to a foreign language admission requirement. To satisfy the requirement, a student must present evidence of:

- Competency of foreign language or American Sign Language study equivalent to the second high school level or higher, or
- Successfully completing a post-secondary foreign language or American Sign Language elementary two course, or
- Proficiency through a satisfactory score on an approved foreign language examination as determined by the Articulation Coordinating Committee (ACC) Credit-by-Exam Equivalencies as adopted by the Board of Governors.

View the University's official regulation.

Those students who have studied French or Spanish in high school and wish to continue their studies in their chosen language will want to take the free online French or Spanish placement test to assess their standing. For more information, please consult the the Department of Languages, Literatures and Cultures Getting Started website.

General Education Program

Purpose of General Education



General Education at the University of North Florida is designed to equip students with the keys to success in college, career, and life. Our program encourages the development of broad, transferable skills that support advanced study, informed citizenship, and career adaptability.

The world is changing, and universities are adapting their general education programs to focus on important skills for the future. Instead of just introducing students to different subjects, the UNF General Education program helps students develop key abilities that will be important both during and after their time in college. Through exposure to high-impact practices such as undergraduate research, service learning, collaborative projects, and learning communities, to name a few, students build both competence and confidence.

Core Skills for a Changing World

In our general education program, students will develop:

- Clear and effective written and speaking skills
- Critical and creative thinking
- Quantitative reasoning and data literacy
- Scientific and empirical inquiry
- Civic literacy and awareness
- Digital literacy, including responsible, informed use of AI

These skills lay the groundwork for:

- Success in upper-division coursework
- Graduate and professional school preparation
- Life-long learning and the ability to adapt

What Employers Are Looking For

Employers across Florida and beyond seek graduates who can:

- Communicate clearly and persuasively
- Analyze, interpret, and use data and information
- Solve complex problems
- Work in teams and be collaborative
- Employ digital tools with fluency and accountability
- Demonstrate awareness of the world around them

Why General Education Matters

General education is not simply a checklist. General education is a transformative journey that equips students with the foundational skills to combine real-world applications, core curriculum, and technological confidence. Students will graduate with the intellectual tools, social skills, and civic responsiveness they need to navigate an increasingly complex world.

General Education Program

Program Requirements

The UNF General Education Program Requirements

Students must complete 36 credit hours of general education curriculum. This requirement includes 15 credit hours mandated by the State of Florida and 21 credit hours of UNF-specific coursework. UNF's general education curriculum focuses on core curriculum and its importance to further study in the major with an emphasis on interdisciplinary work.

Part A: State of Florida mandated curriculum areas

Choose one course from each area

1. Communication

- ENC 1101- (GW) Writing for Audience and Purpose (3 hours)*
- or, a writing course for which ENC 1101 is a direct prerequisite.

2. Humanities

- ARH 2000 - Art Appreciation (3 hours)
- HUM 2020 - Introduction to Humanities (3 hours)
- LIT 2000 - (GW) Introduction to Literature (3 hours)
- MUL 2010 - (GW) Introduction to Music Literature
- PHI 2010 - (GW) Introduction to Philosophy (3 hours)
- THE 2000 - Theater Appreciation (3 hours)

3. Mathematics

- MAC 1105 - (GM) College Algebra (3 hours)
- MAC 2311 - (GM) Calculus (4 hours)
- MFG 1130 – (GM) Mathematical Thinking I
- STA 2023 - (GM) Elementary Statistics for Business (3 hours)
- Or, a mathematics course for which one of the above general education core course options in mathematics is a direct prerequisite

4. Natural and Physical Sciences

- AST 2002 - Discovering Astronomy (3 hours)
- BSC 1005 - Principles of Biology (3 hours)
- BSC 1010C - General Biology I (4 hours)
- BSC 2085C - Human Anatomy and Physiology (4 hours)
- CHM 1020 - Discovering Chemistry (3 hours)
- CHM 2045 - General Chemistry I (3 hours)
- ESC 2000 - Earth Science (3 hours)
- **EVR X001 - Introduction to Environmental Science
- PHY 1020 - Discovering Physics: How things work (3 hours)
- PHY 2048C - Calculus-Based Physics I (4 hours)
- PHY 2053 - Algebra-Based Physics I (3 hours)
- Or, a natural science course for which one of the above general education core course options in natural science is a direct prerequisite.

5. Social Sciences

- ***AMH 2010 – United States History to 1877 (3 hours)
- ***AMH 2020 - United States History since 1877 (3 hours)
- ANT 2000 - Introduction to Anthropology (3 hours)
- ECO 2013 - Principles of Macroeconomics (3 hours)
- ***POS 2041 - Introduction to American Government (3 hours)
- PSY 2012 - Introduction to Psychology (3 hours)

***Upon successful completion of ENC 1101 (C or better), students will automatically earn a badge for "Fundamentals of Written Communication" which is transferable across Florida institutions of higher education.**

Definition: Effective written communication is the ability to communicate ideas, information, and perspectives clearly, adapting a message to different audiences and situations, and using the appropriate style to convey meaning in various written contexts.

Learning Outcomes

By completing the college course associated with this badge, you will demonstrate information literacy, comprehension of written material, and conveying information in writing for a variety of rhetorical purposes and audiences. Some of the learning outcomes associated with the college course that results in this badge include:

• Examining and analyzing written material.
• Synthesizing information and ideas.
• Developing content relevant to the purpose.

• Demonstrating the ability to write to a specific audience.
• Presenting a perspective informed by research and critical thinking.
• Revising written communication based on feedback.

Importance in Workplace
• Enhances an employee's ability to interpret and evaluate a wide variety of written material.
• Promotes research, critical thinking, and problem solving.
• Advances the development of clearly written material relevant to the intent.
• Enhances the use of appropriate language for the intended audience.
• Increases the competent, effective, and responsible use of information.

**These courses are not taught by UNF but are listed as a common core course and accepted as transfer credit.

***These courses satisfy the state mandated civic literacy requirement. In addition, students entering the SUS or FCS in Summer B 2021 and thereafter will also be required to take a state approved exam to fulfill this requirement.

Part B: UNF General Education Requirements (at least 21 hours)

Communication (6 hours)

Students with less than 60 hours must complete the following requirement. Students with more than 60 hours are encouraged to speak to their advisor about a course in communication that meets their program of study needs.

- ENC 1143- (GW) Writing with Evidence and Style (3 hours)

Then choose one additional course from the following (at least 3 hours).

- ENC 1102 – (GW) Evidence-Based Writing (3 hours)
    - ENC 2210 – (GW) Technical Writing (3 hours)
    - ENC 2240 - (GW) Professional Communication
    - SPC 2608 - Fundamentals of Public Speaking

  *Note: Students who declared an Engineering major starting in 2019-20 may substitute a General Education course in Mathematics and/or Natural Sciences (3-4 credit hours) for ENC 1143.

Humanities (3 hours)

Choose from the following menu.

- HUM 2020 - Introduction to Humanities (3 hours)
- LIT 2000 - (GW) Introduction to Literature (3 hours)
- MUL 2010 - (GW) Introduction to Music Literature
- PHI 2010 - (GW) Introduction to Philosophy (3 hours)
- REL 2300 – Comparative Religions (3 hours)
- THE 2000 - Theater Appreciation (3 hours)

Mathematics and Statistics (3-4 hours)

Choose from the following menu.

- MAC 1105 - (GM) College Algebra (3 hours)
- MAC 1114 – (GM) Trigonometry (2 hours)
- MAC 1147 – (GM) Precalculus (4 hours)
- MAC 2311 - (GM) Calculus (4 hours)
- MAC 2233 – (GM) Survey of Calculus (4 hours)
- MAC 2312 – (GM) Calculus II (4 hours)
- MFG 1130 – (GM) Mathematical Thinking I
- STA 2023 - (GM) Elementary Statistics for Business (3 hours)
- Or, a mathematics course for which one of the above general education core course options in mathematics is a direct prerequisite

Natural Sciences (3-4 hours)

Choose from the following menu.

- AST 2002 - Discovering Astronomy (3 hours)
- BSC 1005 - Principles of Biology (3 hours)
- BSC 1010C - General Biology I (4 hours)
- BSC 1011C – General Biology II (4 hours)
- BSC 2085C - Human Anatomy and Physiology I (4 hours)
- BSC 2086C – Human Anatomy and Physiology II (4 hours)
- CHM 1020 - Discovering Chemistry (3 hours)
- CHM 2045 - General Chemistry I (3 hours)
- CHM 2046 – General Chemistry II (3 hours)
- ESC 2000 - Earth Science (3 hours)
- *EVR X001 - Introduction to Environmental Science
- PHY 1020 - Discovering Physics: How things work (3 hours)
- PHY 2048C - Calculus-Based Physics I (4 hours)
- PHY 2049 – Calculus-Based Physics II (3 hours)
- PHY 2053 – Algebra-Based Physics I (3 hours)

- PHY 2054 – Algebra-Based Physics II (3 hours)
- Or, a natural science course for which one of the above general education core course options in natural science is a direct prerequisite.

Social Sciences (3 hours)

Choose from the following menu.

- ***AMH 2010 – United States History to 1877 (3 hours)
- ***AMH 2020 - United States History since 1877 (3 hours)
- ANT 2000 - Introduction to Anthropology (3 hours)
- ECO 2013 - Principles of Macroeconomics (3 hours)
- HSC 2100 – Personal and Public Health (3 hours)
- INR 2002 – International Relations (3 hours)
- ***POS 2041 - Introduction to American Government (3 hours)
- PSY 2012 - Introduction to Psychology (3 hours)
- SYG 2000 – Introduction to Sociology (3 hours)

General Education Elective (3 hours)

Students may choose an *approved* IDS 28xx course (such as a Study Abroad, Internship, Community-Based Learning, or other high-impact focused course), OR one additional course from the menu of options for Communication, Humanities, Mathematics, Natural Sciences, and Social Sciences.

Other Important Information

A minimum grade of C is required for all general education requirements.

An Associate in Arts (A.A.) degree from a Florida public university or state/community college satisfies the general education requirements at UNF.

Transcripts of applicants who have not earned an A.A. degree from a Florida public university, state, or community college will be reviewed individually to determine whether sufficient work has been completed in the above General Education requirements. Students must satisfy the same general education requirements as a first-time in-college student. Refer to the general education requirements above for UNF courses that will satisfy General Education.

The Florida State Foreign Language Requirement must be met before graduation from UNF.

The College-Level Communications and Computation Skills Florida Gordon Rule requirement must be met before graduation from UNF.

All teacher education majors must satisfy the General Knowledge (GK) test requirement before admission to the College of Education and Human Services.

Florida Gordon Rule

College-Level Communication and Computation Skills (Gordon Rule)

College-Level Communications and Computation Skills (Gordon Rule) State Rule 6A-10.030, applies to students who enroll in a Florida postsecondary institution, college or university after October 1982.

The communications component of the rule requires students to complete "six credit hours of English coursework and six credit hours of additional coursework in which the student is required to demonstrate college-level writing skills through multiple assignments." Native UNF students completing the General Education program may meet this requirement through the completion of nine credit hours in English coursework and three credit hours in a humanities area course such as Introduction to Literature, Introduction to Philosophy, or Comparative Religion, for example. UNF will accept as Gordon Rule courses those designated as Gordon writing from other Florida SUS and community college institutions. Course syllabi may be required to evaluate whether a course transferred from a private and/or out-of-state institution complies with the "college-level writing skills through multiple assignments" criteria.

The computation component requires that students must complete six credit hours in mathematics course work at the level of college algebra or higher. Only one course may be selected from Elementary Statistics or Symbolic Logic.

All communications and computation skills courses must be completed with a grade of "C" or higher. Completion of the Associate in Arts degree at a state university or Florida public community college will satisfy these requirements.

A list of University of North Florida courses which meet the Gordon Rule communications and computation requirements is provided below.

Communication Gordon Rule Courses

*These courses fulfill the English portion of the Gordon Rule requirement. All other courses fulfill the additional Gordon Rule writing requirement.

COURSE NUMBER	COURSE TITLE
AMH 3554	(GW) Law and Social Resp.
AML 3621	(GW) Black American Literature
*CRW 2000	(GW) Introduction to Creative Writing
*CRW 2100	(GW) Introduction to Fiction Writing
*CRW 2201	(GW) Introduction to Creative Non-Fiction
*CRW 2300	(GW) Introduction to Poetry Writing
*CRW 2400	(GW) Introduction to Playwriting
*CRW 2600	(GW) Introduction to Screenwriting
*CRW 2930	(GW) Special Topics in Creative Writing
CRW 3110	(GW) Fiction Workshop
CRW 3211	(GW) Creative Non-Fiction Workshop
CRW 3310	(GW) Poetry Workshop
CRW 3610	(GW) Screenwriting Workshop
*ENC 1101	(GW) College Writing
ENC 1102	(GW) The Informed Writer
ENC 1143	(GW) Introduction to Rhetoric and Narrative
*ENC 2210	(GW) Technical Writing
*ENC 2441	(GW) Writing Topics: Fine Arts
*ENC 2442	(GW) Writing Topics: Humanities
*ENC 2443	(GW) Writing Topics: Literature
*ENC 2450	(GW) Writing Topics: Natural Science
*ENC 2451	(GW) Writing Topics: Health
*ENC 2460	(GW) Writing Topics: Business
*ENC 2461	(GW) Writing Topics: Social Science
*ENC 2462	(GW) Writing Topics: Education
*ENC 2463	(GW) Writing Topics: Engineering
*ENC 2930	(GW) Special Topics in Composition
ENC 3202	(GW) Professional Communication for Business
ENC 3246	(GW) Professional Communication for Engineering
*ENC 3250	(GW) Professional Communications
ENC 3310	(GW) Writing Prose
HIS 3051	(GW) The Craft of the Historian
MUL 2010	(GW) Music Literature
PHI 2010	(GW) Introduction to Philosophy
PHI 2100	(GW) Reasoning and Critical Thinking
PHI 2630	(GW) Contemporary Ethical Issue
REL 2300	(GW) Comparative Religion
WOH 1012	(GW) World History I
WOH 1022	(GW) World History II
Gordon Rule Courses	

Computation (Math) Gordon Rule Courses

Only ***one*** course may be selected from Elementary Statistics or Symbolic Logic. At least one course must have a mathematics prefix of MAA, MAC, MAD, MAS, MGF, MHF or MTG.

COURSE NUMBER	COURSE TITLE
MAA 4200	G(M) Mathematical Analysis
MAA 4211	G(M) Advanced Calculus I
MAA 4212	G(M) Advanced Calculus II
MAA 4402	G(M) Complex Analysis
MAC 1101	G(M) Intensive College Algebra
MAC 1105	G(M) College Algebra
MAC 1114	G(M) Trigonometry
MAC 1147	G(M) Precalculus
MAC 2233	G(M) Calculus for Business
MAC 2311	G(M) Calculus I
MAC 2312	G(M) Calculus II
MAC 2313	G(M) Calculus III
MAC 2241	G(M) Calculus for Biology
MAD 3107	G(M) Discrete Mathematics
MAD 4401	G(M) Numerical Analysis
MAP 2302	G(M) Ordinary Differential Equations
MAP 4231	G(M) Operations Research
MAP 4341	G(M) Elementary Partial Differential Equations
MAS 3105	G(M) Linear Algebra
MAS 3203	G(M) Number Theory
MAS 4156	G(M) Vector Analysis
MAS 4301	G(M) Abstract Algebra I
MGF 1106	G(M) Finite Mathematics
MGF 1107	G(M) Explorations in Mathematics
MGF 1113	G(M) Mathematics for Teachers I
MGF 1114	G(M) Mathematics for Teachers II
MHF 3202	G(M) Foundations of Mathematics
MHF 3404	G(M) History of Mathematics
MTG 3203	G(M) Geometry for Middle School Teachers
MTG 3212	G(M) Modern Geometry
MTG 4302	G(M) Elementary Topology
PHI 3130	G(M) Symbolic Logic
STA 2014	G(M) Elementary Statistics for Health/Social Sciences
STA 2023	G(M) Elementary Statistics for Business
STA 3032	G(M) Probability and Statistics for Engineers
STA 3163	G(M) Statistical Methods I
STA 3164	G(M) Statistical Methods II
STA 4202	G(M) Design of Experiments
STA 4222	G(M) Design of Sample Surveys
STA 4321	G(M) Probability and Statistics
STA 4322	G(M) Statistical Theory
STA 4445	G(M) Applied Probability Models
STA 4502	G(M) Nonparametric Methods in Statistics
STA 4504	G(M) Categorical Data Analysis
STA 4664	G(M) Statistical Quality Control
STA 4945	G(M) Capstone Experience in Statistics

NOTE:

CLEP exams may not be used to satisfy Gordon Rule Writing. Only the subject exam in College Algebra or above may be used to satisfy Gordon Rule Math. Passing CLEP scores are determined by the UNF Office of Admissions. General CLEP exams will not satisfy either Gordon Rule Writing or Gordon Rule Math.

Graduate Degree Requirements

Graduate Degree Completion Timeframe

All coursework for a graduate or post-baccalaureate professional degree must be completed within six years of a master's degree-seeking student being admitted to a graduate program. All coursework for a doctoral degree must be completed within eight years. All exceptions must be approved by the student's Graduate Program Director and the Dean of the Graduate School.

View the University's Graduate Degree Completion Timeframe official policy.

Graduate Degree Requirements

Graduate Certificate Programs

Graduate Certificate Programs

Graduate credit-bearing certificate programs are comprised of related courses that constitute a coherent body of study within a discipline. These programs must be approved through the university and faculty governance processes.

The number of graduate credits within a graduate certificate program cannot be less than 9 or more than one-half of the credits necessary for a related master's degree.

Students pursuing a graduate certificate will be required to meet the same academic requirements as those defined for degree-seeking students to remain in "good standing," as per UNF Policy 2.0400P.

All graduate certificate students must meet all prerequisites for courses in which they wish to enroll.

Transfer of Credits Related to Certificate Programs

When concurrently enrolled in a UNF graduate degree program, students can apply required coursework to both the graduate certificate and their chosen graduate degree, with the approval of the responsible program(s). Students cannot return for a retroactive certificate award following graduation.

If a student who has completed a graduate certificate later returns to UNF to earn a graduate degree, up to 12 hours of credit earned as a graduate certificate student may be applied to satisfy graduate degree requirements. Conversely, if a student later returns to earn a certificate after obtaining a masters or doctoral degree, credits earned in the completed degree can be applied to no more than fifty percent of the certificate program's required credits. Any application of such credits must be approved by the graduate program and formally submitted to the Graduate School for processing.

The graduate certificate is not viewed as a guaranteed means of entry into a graduate degree program. Students who have graduated from a UNF graduate degree or certificate program and wish to return to UNF to pursue a graduate certificate or degree program will need to complete a new application with the Graduate School, and, if applicable, pay a new application fee.

Completion of Program Requirements

Students are subject to the individual requirements of the graduate certificate program and will need to complete at least fifty percent of the required coursework in residence at the university (e.g., face-to-face, distance learning). Successful completion of the graduate certificate program will be noted on the student's official transcript separately from his or her degree program.

Certificate and Transcripts

Once the program coursework is satisfied the student may be eligible to receive a document acknowledging completion that is separate from a diploma conferral. Printing and conferring all completion documents from university certificate programs will be the sole responsibility of the Registrar. All materials required to print and package the completion documents will also be housed within Enrollment Services.

View the University's official policy for Graduate Certificates.

Graduate Degree Requirements

Graduate Dual International Degrees

Graduate Dual International Degrees

All dual graduate degrees offered through joint, cooperative, or collaborative academic arrangements between UNF and international institutions must meet the following requirements:

1. The minimum number of graduate credit hours required is 48 hours;
2. Students must earn a minimum of 50% of the total number of credit hours, including the international coursework, from UNF;
3. The graduate GPA includes all graduate credits taken as part of the degree, including those from the international institution(s).
4. In an effort to provide accurate student transcripts, UNF will include course names and grades on the student's UNF transcripts for all degree-required, earned credit courses that are transferred into UNF as part of pre-approved international programs operating under collaborative academic arrangements. The courses listed will be printed under a header indicating that they are part of a university-approved program.

Any program approved prior to fall 2010 (GlobalMBA, Ibero-American MBA) is exempt from items 1 and 2 listed above.

View the University's official policy on Graduate Dual International Degrees.

Graduate Degree Requirements

Posthumous Grad/In Memoriam Degree

Award of Posthumous Graduate Degrees

In order to award a full graduate degree posthumously to a deceased student, the student must have completed at least 66% of their graduate program, must have been in good academic standing, and must have met UNF residency requirements or have been enrolled in courses sufficient to meet this requirement.

An in memoriam degree recognizes the student's connection with the University regardless of his/her progress toward completion of degree requirements. In order to receive an in memoriam degree, the student must have been enrolled in a graduate degree program at the time of their death. The University may choose to grant this award to previously enrolled graduate students who are now deceased.

Requests for the posthumous or in memoriam degree can be initiated by a family member or friend or by faculty recommendation. The Department Chair is responsible for approving and nominating the awarding of a posthumous or in memoriam degree to the Dean of the Graduate School. The Dean of the Graduate School is responsible for final review and approval and for coordinating with the UNF Registrar to have the degree awarded.

View the University's current official policy for Award of Posthumous Graduate Degree.

Program of Study Listing - Graduate

UNF offers 45 master's degrees with 96 areas of concentration, and eight doctoral programs with five areas of concentration — giving students lots of options for areas of study, many in high-demand fields. With top faculty and a supportive staff, UNF empowers students to pursue their passions and achieve success. The University's also prioritizes giving students meaningful experiences that will help them prepare for the future.

To view degree and program requirements, see the tabs above representing Brooks College of Health (BCH); Coggin College of Business (CCB); College of Arts and Sciences (COAS); College of Computing, Engineering & Construction (CCEC); and Silverfield College of Education and Human Services (SCOEHS).

BCH

Brooks College of Health (BCH)

Majors

Anesthesiology Nursing

Athletic Training

Clinical Mental Health Couns

Clinical Nutrition

Exec Health Administration

Health Administration

Health Administration

Health Informatics

Health Science

Nursing

Nursing

Nursing

concentration options:

- Leadership & Administration
- Nursing Education

Nursing

Nutrition & Dietetics

Nutrition & Dietetics

Nutrition & Dietetics

Physical Therapy

Public Health

Concentration options:

- Epidemiology
- Social and Behavioral Science

Certificates

AAS for Health and Education

App Pub Hlth & Med Ed Rsch

Global Health Certificate

Health Informatics Certificate

Integrative Behavioral Health

Mental Health Sexology

Psychiatric Mental Health NP

Public Health Certificate

CCB

Coggin College of Business (CCB)

Majors

Accounting

concentration options:

- Accounting - Taxation Concentration
- Data Analytics

Business Analytics

concentration options:

- Econometrics
- FinTech
- Geographic Information Systems
- Logistics and Supply Chain Management
- Marketing Analytics
- Sports Analytics

FinTech

General Business

Concentration options:

- Accounting (MBA)
- Construction Management (MBA)
- e-Business (MBA)
- Economics and Geography (MBA)
- Finance Concentration (MBA)
- International Business (MBA)
- Logistics (MBA)
- Management Applications (MBA)
- Marketing (MBA)
- Marketing Analytics (MBA)
- Sports Management (MBA)

GlobalMBA

Logistics & Supply Chain Mgmt

Management

Certificates

Business Analytics

E-Business Certificate

Financial Analytics Cert-Grad

Logistics & Supply Chain Mgmt

Program of Study Listing - Graduate

COAS

College of Arts and Sciences (COAS)

Majors

Biology

Biology

Concentration option:

- Biomedical Sciences Non-Thesis (MS)

Communication Management

Concentration options:

- Business - Thesis or Non-Thesis Tracks
- Leadership - Thesis or Non-Thesis Tracks
- Nonprofit Management - Thesis or Non-Thesis Tracks
- Public Health - Thesis or Non-Thesis Tracks
- Public Management - Thesis or Non-Thesis Tracks

Criminal Justice

English

Concentration options:

- Composition and Rhetoric (MA)
- Creative Writing (MA)

History - Thesis or Non-Thesis options

International Affairs

Materials Science & Engineering

Mathematical Science

Concentration options:

- Mathematics
- Statistics

Music Education

Music Education

Music Performance

Concentration options:

- Conducting
- Jazz Studies
- Piano
- Strings
- Voice
- Woodwinds, Brass, Percussion

Psychological Science

Public Administration

Concentration options:

- Generalist Option
- Health Administration
- Local Government Policy & Administration
- National Security
- Non-Profit Management
- Public Policy

Social Work

Social Work

Certificates

Applied Mathematics

Digital Humanities

Nonprofit Management Cert

Public History

Program of Study Listing - Graduate

CCEC

College of Computing, Engineering and Construction (CCEC)

Majors

Civil Engineering- Thesis or Non-Thesis Option

Coastal and Port Engineering

Computing & Info Sciences

Concentration options:

- Computer Science - Thesis or Non-Thesis option
- Information Systems - - Thesis or Non-Thesis option
- Cybersecurity - Thesis or Non-Thesis option
- Data Science - Thesis or Non-Thesis option

Computing

Concentration options:

- Intelligent Systems
- Cybersecurity

Construction Management

Concentration options:

- Executive Thesis Option
- Thesis Option

Electrical Engineering

Materials Science & Engineering

Mechanical Engineering

Program of Study Listing - Graduate

SCOEHS

Silverfield College of Education and Human Services (SCOEHS)

Majors

ASL/English Interpreting

Concentration options:

- Educational Interpreting
- General Practice (MS)
- Interpreting Pedagogy (MS)

Counselor Education

Curriculum and Instruction

Curriculum and Instruction

Curriculum and Instruction

Concentration options:

- Advanced Secondary Education
- Early Childhood Education
- Elementary Education

Curriculum and Instruction

Educational Leadership

Educational Leadership

Concentration options:

- Athletic Administration
- School Leadership (MED)

Educational Leadership

Elementary Education

Elementary Education

Exceptional Student Education

Higher Education Admin.

Concentration options:

- Collegiate Athletics (MS)
- General Higher Education (MS)
- International Programs (MS)
- Non-Profit Management (MS)
- Student Affairs (MS)

Instruct Tech, Training & Dev

Secondary Education

Concentration options:

- Biology Teaching
- Chemistry Teaching
- Mathematics Teaching
- Physics Teaching
- Social Studies Teaching

Secondary Education

Special Education

Special Education

Concentration options:

- Disability Services
- Exceptional Student Education

Certificates

Adv Lit Prac for Eng Lrnrs

Adv. Secondary Instruction

Applied Behavior Analysis

Cert Partner Ind Disabil & Fam

Early Childhood Education Cert

Educational Leadership Cert

Elementary STEM Education

Inst Plan & Dec Making Cert

International Ed. Certificate

K-12 Reading Endorsement

Pathway to Professional Credentialing

Sport Management

Teacher Inquiry

Tchr Ldrshp for Prof & Stu Cer

Teaching Diverse Learners

Graduate TESOL Certificate

Whole Child Graduate Cert.

Graduation Requirements

Commencement Ceremony

Commencement is held at the end of the fall, spring, and summer C (full-term) semesters. Candidates who are eligible for graduation will receive detailed instructions from the Office of Records and Registration for participating in the ceremony, including instructions on how to obtain guests tickets and UNF cap and gown. The number of guest tickets is based on the size of the graduating UNF student body and is subject to change in accordance with seating limitations of the event space.

Only students who have applied to graduate and are pre-certified as meeting degree requirements may participate in commencement ceremonies. Associate in Arts (AA) degree and certificate-only recipients are not eligible to participate in commencement ceremonies. Colleges and Departments may have separate specific certificate or other non-degree credential ceremonies.

For detailed information, refer to the Commencement webpage.

If a commencement ceremony is cancelled or rescheduled for any reason, the Office of Records and Registration will communicate pertinent details to those who are eligible to participate.

View the University's official commencement policy,

Graduation Requirements

Associate in Arts Degree

Associate in Arts Degree Requirements

Students who wish to receive the Associate in Arts degree must:

1. Complete requirements for the degree and submit a graduation application by the deadline date listed in the Academic Calendar.
2. Fulfill the college-level communication and computation skills requirements of SBER 6A-10.030.
3. Complete 60 semester hours with both a minimum overall cumulative GPA and total institutional GPA of 2.0 including the 36 credit-hour general education program requirements detailed in the UNF General Education Program Requirements.
4. Complete a minimum of 30 credit hours in-residence at UNF. These hours may come from general education requirements or electives.
5. Satisfy State of Florida civic literacy requirement. Note: This requirement pertains to students initially entering a Florida College System institution or the state university system in 2018-2019 and thereafter. Coursework for an associate in arts degree shall include demonstration of competency in civic literacy pursuant to s. 1007.25.
6. Satisfy State of Florida foreign language admission requirement. Note: This requirement pertains to students initially entering a Florida College System institution or the State University System in 2014-2015 and thereafter. Coursework for an associate in arts degree shall include demonstration of competency in a foreign language pursuant to s.1007.262.
7. Pay all financial obligations to the University.

Students may not apply for an associate in arts degree and bachelor's degree in the same term.

View the University's current official policy for Associate in Arts degree requirements.

Graduation Requirements

First Baccalaureate Degree

First Baccalaureate Degree Graduation Requirements

A UNF student's first baccalaureate degree is awarded upon satisfactory completion of the following minimum requirements:

1. Apply for graduation by the deadline indicated in the Academic Calendar.
2. Faculty recommendation: Each candidate must be recommended for the degree by the appropriate college faculty.
3. Total hours: A minimum of 120 credit hours must be completed for the baccalaureate degree.
4. Course requirement: Each candidate must successfully complete all degree requirements as outlined in the University catalog and program of study.
5. Upper-level hours: A minimum of 48 upper-level credit hours (30 for RN-BSN) or higher must be completed. Upper-level courses are those designated as junior- or senior-level work by the issuing institution.
6. Residence hours: Students must complete a minimum of 25 percent of the overall required credit hours and half of the required major courses at UNF for the degree sought at UNF. The appropriate department may decide on a higher percentage of credit hours and/or a higher percentage of major courses completed at UNF and may define "major courses."
7. All incomplete and non-reported grades must be resolved in order to graduate.
8. Upper-division undergraduate credit hours obtained while enrolled in an approved UNF study abroad program will be counted in the upper-level credit hours required to obtain a baccalaureate degree provided the instruction is offered by approved UNF faculty.
9. Summer enrollment: Pursuant to the Florida Board of Governors regulation 6.016 Summer Session Enrollment, all students entering a university in the State University System with fewer than 60 semester hours shall be required to earn at least nine semester credit hours in one or more summer sessions at one of the state universities in Florida before graduation. The university president or their designee may waive the application of this regulation in cases of unusual hardship to the individual. UNF students may request a waiver for this requirement through the Student Petition of Academic Policy (SPAP) process.
10. Academic average:
    1. UNF - A minimum total Institutional GPA of 2.0 on a 4.0 scale must be earned (certain majors in the College of Education and Human Services have different GPA requirements- see catalog for details), as stated in the "Academic Average (GPA) Policy." AND
    2. A minimum overall GPA of 2.0 on a 4.0 scale must be earned (certain majors in the College of Education and Human Services have different GPA requirements- see catalog for details), as stated in the "Academic Average (GPA) Policy."
11. General Education Program: The appropriate general education program requirements must be completed
12. Financial obligations: Outstanding financial obligations to the University may prevent the release of diplomas and transcripts.
13. Foreign language requirement: Students must meet the provision of Florida Statute 1007.262 regarding the statewide foreign language requirement. Students must have completed two sequential foreign language courses in high school or at the postsecondary level (8 semester hours). American Sign Language I and II is an approved sequence per Florida Statute 1007.2615.
14. Satisfy State of Florida civic literacy requirement. Students must meet the provision of Florida Statute 1007.25 regarding civic literacy. Note: This requirement pertains to student initially entering a Florida College System institution or the State University System in 2018-2019 thereafter.
15. Experiential Learning: Undergraduate students entering UNF in Fall 2025 and beyond are required to complete an experiential learning experience.

All requirements stated in this section are minimums and are not meant to limit the planning of a degree program for any student.

View the University's current official policy for first baccalaureate degree requirements.

Graduation Requirements

Second Baccalaureate Degree

Second Baccalaureate Degree Requirements

Awarding of a second, or subsequent, baccalaureate degree is subject to the following limitations and requirements:

1. Courses used towards a prior degree will not be used to satisfy second baccalaureate degree requirements; however, departments may waive certain requirements based on a prior degree as appropriate.
2. Courses taken more than 10 years prior will not count toward any degree requirement, including prerequisites, for a second baccalaureate degree; however, departments may establish and post a different course age threshold, as appropriate.
3. Students holding a baccalaureate degree from an acceptable institutional accreditor are considered to have completed general education program requirements.
4. Student Status: Students must be classified as degree-seeking, post-baccalaureate.
5. Students must have a program of study (degree pathway) established by their advisor or program director.
6. Upper-Level Hours: Students must complete 30 credit hours of upper-level coursework (or higher) in-residence at UNF. Certain programs may allow a different number of in-residence credits, as appropriate.
7. Major Courses: Students must complete at least 50% of required major courses in-residence at UNF. Departments may decide on a higher percentage of major courses and may define "major courses."
8. Apply for graduation by the deadline indicated in the Academic Calendar.
9. Faculty Recommendation: Each candidate must be recommended for the degree by the appropriate college faculty.
10. Resolve all incomplete and non-reported grades.
11. Academic Average:
    1. UNF- A minimum total institutional GPA of 2.0 on a 4.0 scale must be earned (2.5 for most College of Education and Human Services majors), as stated in the "Academic Average (GPA) Policy': **and**
    2. A minimum overall GPA of 2.0 on a 4.0 scale must be earned, (2.5 for most Silverfield College of Education and Human Services majors), as stated in the "Academic Average (GPA) Policy."
12. Students earning a second, or additional, baccalaureate degree may qualify for Latin Honors. See *Latin Honors policy*.
13. Satisfy the State of Florida civic literacy requirement as outlined in BOG Regulation(s),

All requirements stated in this section are minimums not intended to limit the planning of a degree program for any student.

View the University's current official policy for second baccalaureate degree requirements.

Graduation Requirements

Reverse Transfer

Reverse Transfer

Reverse Transfer is a statewide articulation agreement identified in F.S.1007.23(9) that applies to eligible students who complete missing AA degree requirements at a Florida public university within the State University System (SUS) after transferring directly from a Florida public college within the Florida College System (FCS) prior to earning their AA degree.

Additional Reverse Transfer program information can be found at the Florida Department of Education, Office of Articulation, Reverse Transfer website.

Graduate Interdisciplinary Programs

Graduate Interdisciplinary Programs

Interdisciplinary graduate programs provide opportunities for students and faculty to advance beyond a traditional program and work collaboratively across disciplines. These programs draw on expertise from diverse academic fields and allow students to explore specialized research and scholarship.

Master of Arts in International Affairs

The Master of Arts in International Affairs (MAIA) is an interdisciplinary graduate program offered jointly by ten departments across three colleges: Communication; Criminology and Criminal Justice; Economics and Geography; English; History; Languages, Literatures, and Cultures; Philosophy and Religious Studies; Political Science and Public Administration; Public Health; Sociology, Anthropology and Social Work.

Approved Curriculum

The MAIA program consists of a minimum of 36 credit hours. The eighteen (18) credit core requirements consist of fifteen (15) credits earned through an interdisciplinary common core of required courses and three (3) credits earned from among a selection of methods-based courses. The remaining eighteen (18) credits consist of fifteen (15) credits of major electives and three (3) credit hours obtained by completing a thesis or field experience in international affairs, the latter of which would involve an internationally oriented internship, study abroad program, or other approved international activity. Students will have to demonstrate intermediate-level foreign language proficiency either upon admission or graduation.

Additional Admission Criteria

- Resume
- Application essay
    - Include your name and date of submission at the top;
    - Essay should be 1-2 pages long and double-spaced;
    - Describe your interest and/or experience in international affairs;
    - Explain how earning the MA in International Affairs would contribute to the achievement of your professional and personal goals.
- Two letters of recommendation
    - At least one should be from an academic source
- A GPA of 3.0 or higher overall on the undergraduate degree granting transcript

Master of Science in Materials Science and Engineering

The Master of Science (MS) program in Materials Science and Engineering (MSE) is an interdisciplinary graduate program that brings together more than twenty UNF faculty from Biology, Chemistry, Physics, Electrical Engineering, and Mechanical Engineering who all have research interests related to materials. The program is jointly administered by the College of Arts and Sciences and the College of Computing, Engineering, and Construction. Each graduate student in the program will complete a core curriculum and conduct significant original research under the guidance of a faculty mentor, culminating in the completion and defense of a master's thesis. The program is designed to prepare students for technical employment or for a doctoral program.

Approved Curriculum

Major Requirements (12 credits)

The Materials Science and Engineering master's degree consists of 30 credits and requires a thesis.

- EMA5104 Adv Materials Principles I (3 Credits)
- EMA5114 Adv Materials Principles II (3 Credits)
    - Prerequisite: EMA 5104 Advanced Materials Principles I
- EMA5504 Materials Characterization (3 Credits)
- EMA5814 Modeling & Sim of Materials (3 Credits)

Experiential Learning (18 credits)

Every Materials Science and Engineering master's student is required to complete a total of 17 credits of the variable-credit course Graduate Thesis Research as well as the one credit Graduate Thesis Defense. A thesis committee must be established and the thesis proposal must be approved by the committee before more than 6 credits of Graduate Thesis Research have been completed. Graduate Thesis Defense should be taken in the student's final term.

- EMA6971 Graduate Thesis Research (1-9 Credits)
- EMA6973 Graduate Thesis Defense (1 Credit)

Additional Admission Criteria

Letter of intent

- Should be one to two pages in length and discuss the applicant's academic background, research interests, and academic and professional goals. The letter of intent should also identify the planned research advisor; prior to applying, students are expected to have made arrangements with a member of the program faculty who has agreed to serve as their research advisor if admitted.

- Three letters of recommendation
    - Must be from faculty members or professional references who are familiar with the applicant's academic and/or research potential

Special Notes

Admitted students will normally have completed a bachelor's degree in the natural sciences or engineering prior to beginning the MS program. Applicants with bachelor's degrees in other areas may be admitted based on an evaluation of their academic background by the Admissions Committee.

International Business Program

Phone: (904) 620-2916
Web Address: https://www.unf.edu/coggin/international/

Andrés Gallo, Professor, Director of International Business Program

Kate Mattingly Learch, Director of Study Abroad

Sergio Kelsor, Study Abroad Advisor

Farah Anabtawi, Study Abroad Advisor

International Business Major

UNF offers a BBA degree in International Business (IB) with concentrations in Functional Business Knowledge and Global Expertise, mulitple dual degree programs, two minors and an MBA concentration in international business. All IB programs allow ample room for study abroad experiences to count toward program requirements. Students interested in a deeper level of internationalization should consider the immersive bachelor or master's level dual-degree programs. IB majors may also select Honors in International Business to combine a strong GPA with intentional and focused international experiences. Students studying Spanish may consider adding the Certificate in Spanish for Professions, offered by the UNF Department of Languages, Literatures, and Cultures.



The international business (IB) major is designed for students who are excited about the increasing interconnectedness of businesses around the world. Students who major in IB will be prepared not only for conducting business domestically, but also for engaging in the dynamic world of global commerce, which includes marketing, logistics, import/export and international finance. A select group of students can participate in one of our double degree programs with KEDGE Business School (France), the University of Valencia or the University of Alicante (Spain), Hochschule Bremen (Germany), or the University Hertfordshire (U.K.) These unique opportunities allow students to spend two years abroad, including completing a four-month internship overseas. Students selected for this program must have a demonstrated interest in French, Spanish, German or English language, history and culture.

Coggin College of Business students receive a solid foundation in all functional areas of business and develop both quantitative skills and communication skills through their degree programs. However, IB majors distinguish themselves from other business majors in five distinct ways:

1. They learn about the international aspects of functional business areas, including economics, finance, management and marketing.
2. They become proficient in a foreign language.
3. They gain expertise in a particular area of the world.
4. They engage in a practical career preparation experience, which makes them more marketable upon graduation.

They are complete an international experience, such as a four-week summer study abroad, a semester abroad or an internship abroad.

Students should consider joining Coggin organizations, such as the Coggin Delegation, in order to hone their intercultural communication and foreign language skills. International business majors must satisfy all requirements for the BBA degree.

Honors in International Business

Requirements:

- Must be a declared International Business major
- Must have an overall GPA or UNF GPA (whichever is higher) of 3.4 or higher
- Complete either:
    - one semester abroad at a partner University, or
    - an International Business internship abroad
- Complete at least two semesters of active participation in Coggin Delegation
- Complete a self-reflecting document

International Business Program Policies

- All students must meet with a Coggin advisor to receive their official Degree Evaluation and Degree Plan to stay on track for graduation.
- International Business Majors are required to complete an approved career preparation experience, foreign language proficiency, and an approved international experience.

- Examples of approved international experiences include the following:
    - Successful completion of an internship abroad.
    - Successful participation in an approved study abroad program of at least 4 weeks in duration.
- Strategic Management and Business Policy - MAN4720 is taken in a student's last semester. An institutional and a program upper-level GPA of 2.0 or better is required before permission is granted to register for MAN4720. Prerequisite courses FIN3403, MAN3025, and MAR3023 must be completed prior to taking MAN4720.
- Review for Coggin's undergraduate academic policies for additional information.

Note: IB majors must apply for a passport in 1st semester.

Use of International Academic Experiences in Undergraduate Degree Evaluations

The Coggin College of Business supports and encourages undergraduate students to study abroad. In all cases, students must obtain approval regarding anticipated academic credit earned prior to departure. International Business majors planning to fulfill the international experience requirement by studying abroad must participate in a program whose overseas component is a minimum of 4 weeks.

The Coggin College of Business International Program offers four types of study abroad programs:

1. Faculty-led study abroad courses*
2. 4 week summer programs (via exchange partners)
3. Semester and academic year abroad (via exchange partners)
4. Double degree programs (via exchange partners)

*Faculty-led study abroad courses cannot fulfill the international experience requirement for International Business majors. Coggin undergraduate students can only apply TWO upper-level, faculty-led study abroad courses towards their program of study. This excludes the 4-week summer and semester programs. Also, Coggin undergraduate students can only use ONE faculty-led study abroad towards their "major" requirements.

On a limited case by case basis, students may be approved (through the formal College petition process) to participate in non-Coggin College of Business study abroad programs, when demonstrating a unique need unable to be met through a Coggin College of Business study abroad program.

Army ROTC

Army Reserve Officers Training Corps (AROTC): Army Science Program

University of North Florida Army Reserve Officer Training Corps (UNF Army ROTC) is a program for student's whom want to know more about leadership and wishing to receive a commission as an officer in the United States Army. Graduating students who complete all four (4) years of UNF Army ROTC curriculum will receive a commission as a Second Lieutenant (2LT) in the United States Army, and will have the option of serving in one of three (3) components: active duty or in the United States Army, Reserve, or Army National Guard. UNF Army ROTC is a four-year program comprised of academic classes in leadership. Traditional cadets typically enroll in UNF Army ROTC as freshmen, but there are many options for sophomores and even incoming juniors to apply and complete the program as well.

UNF Army ROTC courses fit into most UNF academic programs as electives. Students normally take one course per semester along with their other classes. Freshmen and sophomores (MS1's and MS2's) begin with instruction in basic leadership principle, physical fitness, land navigation, and first aid. These classes are considered electives just like any other at UNF, and during this "try it and see" stage, there is no commitment required to enter the US Army.

Junior cadets (MS-3's) take advanced courses in tactics, leadership, and management. At this stage, they formally commit to the United States Army and compete nationally during Cadet Summer Training (CST) where events such as land navigation, tactics and physical fitness is the focus. During their senior (MS4) year, upper-classmen cadets receive advanced instruction in leadership principles, advanced military skills, and management. They also serve as student-level supervisors of all of the other UNF ROTC cadets. Upon graduation from UNF, these outstanding men and women receive a commission as an Army Second Lieutenant.

Financial Benefits

UNF Army ROTC offers several opportunities for scholarships with full tuition/fees (or room and board up to $6,000 per semester). As a high school senior, students may compete for a 4-year scholarship at a national level. Please go to the application link at Army ROTC Scholarships to apply. Applications should be completed and submitted on-line no later than 10 Jan of a student's senior year. It is recommended that students apply as soon as they receive their ACT/SAT results. The sooner the better. Once on the campus as a UNF student, cadets meeting the academic and physical standards may apply for a 3-year or 2-year Army ROTC Campus Based Scholarship. Each pays full tuition, $1,200 / year for books, plus a monthly stipend for living expenses. The monthly spending stipend is $420.00 a month for all MS levels and is paid only during the ten months during spring and fall when school is in session. UNF Army ROTC Cadets may also choose to serve in the Army Reserve or National Guard "Simultaneous Membership Program" (SMP). As an SMP participant, the cadet is paid the rank of SGT in the Army Reserve or Florida National Guard unit and holds the duties and responsibilities of an officer.

Obligation to the US Army

Introductory or basic courses let the student "try out" the US Army without obligation. However, once a cadet accepts a scholarship or enters the advanced courses, they make a commitment to serve as an Army officer for 8 years upon graduation. Some cadets request full-time active duty assignments and serve initial tours of 3-4 years. Others elect to serve as part-time Army Reserve or National Guard Officers for 6-8 years while they pursue their civilian careers or advanced academic degrees.

What else does Army ROTC offer?

As an Army ROTC cadet, students have numerous opportunities to perfect leadership and military skills, which will serve them in the military and in the civilian world. During the school year, cadets participate in one weekend field training exercise or "FTX". The FTX involves small-group leadership challenges and adventure activities. After the junior year, cadets participate in a five-week summer leadership camp (Advanced Camp), followed by paid internship opportunities (CTLT) at Army posts in the U.S., Germany, and Korea. Many cadets also have summer opportunities for advanced military training schools such as Airborne, Air Assault, Mountain & Northern Warfare schools. Cadets also annually send a competitive team to the Army Ten Miller in Washington D.C. Cadet social activities include an annual Military Ball along with gatherings at local restaurants, and an end of semester barbecue and award ceremony.

How can Army ROTC benefit you?

Army ROTC will help you be successful during college and after graduation. You will gain the confidence and self-discipline necessary to succeed in college and impress employers when you graduate. As you progress, you will gain skills and experiences in leading activities, setting goals, managing people and resources, and making decisions in demanding circumstances. Additionally, you will earn opportunities for service-to-country as an officer, full-time on active duty or part-time as you pursue a civilian career.

How to enroll into UNF ARMY ROTC

Enrolling in UNF Army ROTC is as easy as registering for any other UNF course. You may take any of the basic courses (freshman and sophomore years) without obligation. As an undergraduate or graduate student, you may qualify for advanced courses as long as you have two years of full-time study remaining before graduation. Students who enter ROTC after their sophomore year may attend a four week paid summer training course (Basic Camp), qualifying you to enter the junior year of Army ROTC or elect to complete United States Army Basic Training (BCT) to meet the prerequisite. We appreciate that there are many unique situations. Contact the ROTC office with specific questions.

Jacksonville University (JU) and Edward Waters College (EWC) students are also fully eligible to participate in UNF ROTC. Students should consult their academic advisors for enrollment information.

Prior Service Students

If you are a veteran or are currently serving in the Army Reserve or National Guard, you may qualify to enter directly into the advanced course when you become an academic junior at the university. You may participate in ROTC without losing your Montgomery GI Bill or tuition assistance benefits. Contact the office prior to the start of your junior year, however.

How to get more information on UNF ARMY ROTC

UNF Army ROTC is located in Building 9, Schultz Hall, Suite 1129. Contact UNF ARMY ROTC at (904) 620-5711.

In addition, please visit the Army ROTC office website.

Army ROTC

Army ROTC Courses

Army ROTC Courses

MSL 1001-Leadership and Personal Development (2 credits)

Co-requisite: MSL 1001L

This course introduces Cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to leadership, officership, and the Army profession. Lessons are designed to maximize participation, inspire intellectual curiosity, stimulate self-study and encourage team building through military/life skills. Each student must also register for and attend a two-hour weekly leadership laboratory (MSL 1490L). Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

MSL 1001L-Freshman Leadership Laboratory I (0 credits)

Co-requisite: MSL 1001

The Freshman Leadership Laboratory consists of a two-hour block of instruction directly supporting freshman classroom instruction. Cadets implement the initial classroom lessons in a real-world setting to form the building blocks of the Army's values, physical fitness, leadership and officership. Participation in at least one weekend field training exercise and two army physical fitness tests are required.

MSL 1002-Introduction to Tactical Leadership (2 credits)

Co-requisite: MSL 1002L

This course covers leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, and competencies in the context of practical, hands-on, and interactive exercises. Cadre role models and the building of stronger relationships among the Cadets through common experience and practical interaction are critical aspects of the MSL 1020 experience. Students must register for and attend a two-hour, weekly leadership laboratory (MSL 1492L). Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

MSL 1002L-Freshman Leadership Laboratory II (0 credits)

Co-requisite: MSL 1002

The Introduction to Tactical Leadership Laboratory consists of a two-hour block of instruction that directly supports freshman classroom instruction. This lab overviews leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, and competencies in the context of practical, hands-on, and interactive exercises.

MSL 2101-Individual Leadership Studies (2 credits)

Co-requisite: MSL 2101L

This course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army Leadership Requirements Model (trait and behavior theories). Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Focus is on continued development of the knowledge of leadership values

and attributes through an understanding of Army rank, structure, and duties, and basic aspects of land navigation and squad tactics. Case studies provide tangible context for learning the Soldier?s Creed and Warrior Ethos as they apply in the Contemporary Operating Environment (COE). Students must register for and attend a two-hour, weekly leadership laboratory. Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

MSL 2101L-Sophomore Leadership Laboratory I (0 credits)

Co-requisite: MSL 2101
MSL 2101 explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army Leadership Requirements Model (trait and behavior theories). Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Focus is on continued development of the knowledge of leadership values and attributes through an understanding of Army rank, structure, and duties, and basic aspects of land navigation and squad tactics. Case studies provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the Contemporary Operating Environment (COE). Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

MSL 2102-Foundations of Tactical Leadership (2 credits)

Co-requisite: MSL 2102L
This course examines the challenges of leading tactical teams in the complex COE. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. This course provides a smooth transition into MSL 3201. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. Students must register for and attend a two-hour, weekly leadership laboratory. Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

MSL 2102L-Sophomore Leadership Laboratory II (0 credits)

Co-requisite: MSL 2102
The Sophomore Leadership Laboratory II consists of a two-hour block of instruction that directly supports classroom instruction. Cadets implement the initial classroom lessons in a real world setting, MSL 2102 examines the challenges of leading tactical teams in the complex Contemporary Operating Environment. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. MSL 2102 provides a smooth transition into MSL 3201. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army

MSL 3201-Adaptive Team Leadership (3 credits)

Co-requisite: MSL 3201L

MSL 3201 challenges Cadets to study, practice, and evaluate adaptive leadership skills as they are presented with the demands of preparing for the ROTC Leader Development and Assessment Course (LDAC). Challenging scenarios related to small-unit tactical operations are used to develop self-awareness and critical-thinking skills. Cadets receive systematic and specific feedback on their leadership values, attributes, skills, and actions.

MSL 3201L-Leadership and Problem Solving Laboratory (0 credits)

Co-requisite: MSL 3201
This leadership laboratory course provides practical application of topics covered in MSL 3201. This lab challenges cadets to study, practice, and evaluate adaptive leadership skills as they are presented with the demands of preparing for the ROTC Leader Development and Assessment Course (LDAC). Challenging scenarios related to small-unit tactical operations are used to develop self-awareness and critical-thinking skills. Cadets receive systematic and specific feedback on their leadership values, attributes, skills and actions.

MSL 3202-Leadership in Changing Environments (3 credits)

Co-requisite: MSL 3202L
MSL 3202 uses increasingly intense situational leadership challenges to build cadet awareness and skills in leading tactical operations. Having learned squad-level tactics in MSL 3201, cadets now learn to lead up to platoon level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in garrison operation orders. The focus is on exploring, evaluating, and developing skills in decision making, persuading, and motivating team members in the COE. MSL 3202 cadets are evaluated on what they know and do as leaders as they prepare to attend LDAC.

MSL 3202L-Leadership and Ethics Laboratory (0 credits)

Co-requisite: MSL 3202
This leadership laboratory course provides practical application of topics covered in MSL3202. This lab challenges Cadets to study, practice, and evaluate adaptive leadership skills as they are presented with the demands of preparing for the ROTC Leader Development and Assessment Course (LDAC). Challenging scenarios related to small-unit tactical operations are used to develop self-awareness and critical-thinking skills. Cadets receive systematic and specific feedback on their leadership values, attributes, skills, and actions.

MSL 4301-Adaptive Leadership (3 credits)

Prerequisite: Requires completion of MSL 3201, MSL 3202 or professor of Military Science permission Co-requisite: MSL 4301L

This course provides practical exercise in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing leadership-performance feedback to subordinates. Cadets are given situational opportunities to assess risk, make sound ethical decisions, and provide coaching and mentoring to fellow ROTC Cadets. MSL IV Cadets are measured by their ability to give and receive systematic and specific feedback on leadership abilities using the Socratic model of reflective learning. Cadets at the MSL IV level analyze and evaluate the leadership values, attributes, skills, and actions of MSL III Cadets while simultaneously considering their own leadership skills. Attention is given to preparation for success at BOLC II and III, and the development of leadership abilities.

MSL 4301L-Leadership and Management Laboratory (0 credits)

Prerequisite: Requires completion of MSL 3201, MSL 3202 or professor of Military Science permission Co-requisite: MSL 4301
This laboratory enables the application of the lessons learned in the classroom in a practical environment. It develops proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing leadership-performance feedback to subordinates. Cadets are given situational opportunities to assess risk, make sound ethical decisions, and provide coaching and mentoring to fellow ROTC Cadets. MSL IV Cadets are measured by their ability to give and receive systematic and specific feedback on leadership abilities using the Socratic model of reflective learning. Cadets at the MSL IV level analyze and evaluate the leadership values, attributes, skills, and actions of MSL III Cadets while simultaneously considering their own leadership skills. Attention is given to preparation for success at BOLC II and III, and the development of leadership abilities.

MSL 4302-Leadership in a Complex World (3 credits)

Prerequisite: MSL 4301 Co-requisite: MSL 4302L
This course explores the dynamics of leading in the complex situations of current military operations in the COE. Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with nongovernmental organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing cadets for their first unit of assignment. It uses case studies, scenarios, and ?What Now, Lieutenant?? exercises to prepare cadets to face the complex ethical and practical demands of leading as commissioned officers in the United States Army.

MSL 4302L-Officership Laboratory (0 credits)

Prerequisite: MSL 4301 Co-requisite: MSL 4302
This laboratory enables the practical application of lessons learned in the MSL 4302 classroom. It explores the dynamics of leading in the complex situations of current military operations in the COE. Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with nongovernmental organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing cadets for their first unit of assignment. It uses case studies, scenarios, and ?What Now, Lieutenant?? exercises to prepare cadets to face the complex ethical and practical demands of leading as commissioned officers in the United States Army.

MSL 4905-Independent Study (1-3 credits)

Prerequisite: Requires departmental permission. Enrollment is determined by the Professor of Military Science
This course introduces students to fundamental leadership styles and their effectiveness in and out of the work place; Students will be able to mend growing problems and work to further solidify unity in the environment; Students will also work on military counseling and the methods for which it is used.

MSL 4941-Advanced Leader Training (4 credits)

Leadership development and assessment course is the army's 5-week leader internship conducted at Fort Lewis, Washington from June through August. The instructor places each cadet in a variety of leadership positions, many of which simulate stressful combat situations. Cadets are evaluated by platoon tactical officers and NCOs. Training is organized into separate committees in a tiered structure, including basic military skills, leadership development, tactical training, basic rifle marksmanship and situational training exercises. Although this course is not conducted on campus grading will be conducted by university faculty.

Army ROTC

Army ROTC Curriculum

FRESHMAN YEAR CURRICULUM	CREDIT HOURS
Leadership and Personal Development	2 hours
Freshman Leadership Lab I	0 hours
Introduction to Tactical Leadership	2 hours
Freshman Leadership Lab II	0 hours
SOPHOMORE YEAR CURRICULUM	**CREDIT HOURS**
Individual Leadership Studies	2 hours
Sophomore Leadership Lab I	0 hours
Foundations of Tactical Leaderships	2 hours
Sophomore Leadership Lab II	0 hours

JUNIOR YEAR CURRICULUM	CREDIT HOURS
Adaptive Team Leadership	3 hours
Leadership and Problem-Solving Lab	0 hours
Leadership in Changing Environments	3 hours
Leadership and Ethics Lab	0 hours
Summer (Leader Dev- Seattle WA)	4 weeks
Advanced Leader Training	4 hours

SENIOR YEAR CURRICULUM	CREDIT HOURS
Adaptive Leadership	3 hours
Leadership and Management Lab	0 hours
Leadership in a Complex World	3 hours
Officership Lab	0 hours

Navy NROTC

Navy ROTC

Naval Reserve Officers Training Corps (Division of Naval Science) programs are available to UNF students. This program includes fourteen courses that apply to the 120-credit graduation requirement. The Vice President for Student and International Affairs is the management liaison for this program.

Naval Reserve Officers Training Corps (NROTC)

University of North Florida students may participate in the Naval Reserve Officer Training Corps (NROTC program which is housed at Jacksonville University while earning their academic degrees at UNF. The mission of the NROTC is to prepare future leaders of the United States Navy and Marine Corps mentally, morally, and physically for commissioning in the naval services. The goal is to provide a steady supply of well-educated junior officers, ready to serve their country. The NROTC program is designed to support the student's academic major with specified university courses and naval professional courses. NROTC graduates will:

1. Understand the fundamental roles and missions of the United States Navy and the importance of seapower to our national interests;
2. Know the concepts and principles of leadership;
3. Appreciate national security requirements;
4. Gain a strong sense of personal integrity, honor, and individual responsibility; and
5. Attain an educational background which will allow advanced/continuing education later in their careers in a field of application and interest to the naval service.

There are five programs - three NROTC Scholarship Programs and two NROTC College Programs.

NROTC National (4-Year) Scholarship Program

These students enter into a contract with the Secretary of the Navy in which they agree to take certain Naval Science courses, attend university-taught courses, and complete three summer training periods. The Navy provides tuition, fees, textbook stipend, uniforms, and a monthly subsistence allowance for a maximum of 40 months. Scholarship students are selected through national competition.

Navy Option midshipmen (does not include Nurses or Marines) starting their freshman year of college in the Fall of 2010 or later will be required to serve a minimum of five years of active military service. Additional requirements may be required for specific job assignments.

Marine Corps Option midshipmen will be required to serve at least four years on active duty.

Navy Nurse Corps Option midshipmen will be required to serve at least four years on active duty.

NROTC Two and Three-Year Navy Option or Marine Option Scholarship Program

The Two and Three-Year Scholarship Program provides tuition, textbook stipend, uniforms, and a monthly subsistence allowance for the subsequent years of college towards a baccalaureate degree. To be selected, students must meet the same basic requirements as National Scholarship applicants with the following additional requirements:

- Must have at least 30 semester hours (45 quarter hours) but no more than 120 semester hours (203 quarter hours)
- Must have a minimum college GPA of 2.5 (on a 4.0 scale)
- Must be admitted to or in process of gaining admittance to school affiliated with the NROTC Unit from which they are being nominated

Two and Three-Year Scholarship students are selected through national competition and through a system of direct appointments.

You must apply via the NROTC unit of the university you wish to attend.

Upon graduation scholarship midshipmen are commissioned as Ensigns in the U.S. Navy or as Second Lieutenants in the U.S. Marine Corps, and serve on active duty for a minimum of five and four years respectively.

NROTC Four-Year Scholarship Nurse Option Program

*This program is not offered to UNF Nursing students. For a list of schools with NROTC-approved Nursing Programs, please visit: NROTC-approved Nursing Programs.

NROTC College Program (Basic) - Freshman and Sophomore Years

Interested students can apply for admission into the NROTC College Program (Basic) as long as they have a minimum of three years left in their 4-year Degree Plan. Accepted students participate strictly on a volunteer basis and incur no service obligation until selected for College Program (Advanced Standing). Admitted students agree to take Naval Science courses, university-taught courses, and participate in drill periods.

NROTC College Program (Advanced Standing) - Junior and Senior Years

College Program and non-affiliated students who are selected for advanced standing, which is only available starting the junior year of college gain a contract for commission into the United States Navy or Marines Corps. In return, the Navy provides uniforms, Naval Science textbooks, and pays students monthly subsistence allowance during the junior and senior years for a maximum of 20 months.

There are also opportunities to apply for the NROTC Three-year Scholarship at the end of the Freshman year and NROTC Two-year Scholarship at the end of the Sophomore year while participating in the NROTC College Program (Basic).

To apply, contact nrotcrecruiter@ju.edu

Eligibility Requirements

1. Must be a citizen of the United States and present official certified proof of citizenship.
2. Must have high moral standards and officer like character evidenced by appearance, scholarship, extracurricular activities, and involvement in the community. Criminal conviction is normally disqualifying.
3. Applicants for the Scholarship Program must be at least 17 years old on or before 1 September of the year of enrollment, and must be under 27 years old on 30 June of the calendar year in which commissioned. Age waivers are available, and other limitations may exist based on an applicant's special circumstances.
4. Scholarship students must meet the physical qualification standards set by the U.S. Navy's Bureau of Medicine. College Program students must meet the standards prior to entering advanced standing. A physical exam is not usually required for enrollment in the basic course, however, students must meet initial screening standards.

Must meet Department of the Navy requirements concerning prior use of narcotics and/or other related drugs.

Summer Training Requirements

National Scholarship students go on summer training for about 30 days during each of their three college summers. These training periods are great opportunities for NROTC midshipmen to be exposed to the operations of the Navy and Marine Corps. Students can expect to receive first-hand experience with the aviation, submarine, surface, and amphibious specialties both ashore and afloat. Nurse midshipmen conduct summer training at a Navy hospital. The Navy provides transportation to and from sites, subsistence and living quarters, and training pay during the summer training periods.

College program (Advanced Standing) students perform one summer training session between the junior and senior years.

Drills, Ceremonies and Inspections

All NROTC program students attend the Naval Science Laboratories for one and a half hours each Thursday.

NROTC Jacksonville
2800 University Blvd North
Jacksonville, FL 32211-3394
904-256-7480 (phone)
904-256-7499 (fax)

Navy NROTC

NROTC Courses

Naval ROTC Courses

The following courses are offered at Jacksonville University.

NS 100. Naval Science Laboratory (.5; F; S)

Designed to provide a period of instruction to allow student leadership to organize and facilitate annual training. Training topics include but are not limited to, General Military Training (GMT), close order drill, guest speakers, safety training and other topics pertinent to the professional development of future Junior and Company Grade officers. This course provides ample time for student-led training. Student participation will be critical to the success of the class.

NS 101. Introduction to Naval Science (2; F)

A general introduction to the USN and USMC that emphasizes organizational structure, warfare components and assigned roles/missions of USN/USMC; covers all aspects of Naval Services from its relative position within DoD to the specific warfare communities/career paths; introduces long-held customs and traditions of the Naval service; and includes basic elements of leadership. ethics, character development, and Navy Core Values. The course will provide students with initial exposure to many elements of Naval culture and provides basic information for the Midshipman's first experience on board a Navy ship.

NS 102. Seapower & Maritime Affairs (2; S)

A study of the U.S. Navy from 1775-present day that incorporates both a historical and political science process to explore the major events, attitudes, personalities, and circumstances that have imbued the U.S. Navy with its proud history and rich tradition; deals with issues of national imperatives in peacetime, as well as war, varying maritime philosophies that were interpreted into Naval strategies/doctrines, budgetary concerns which shaped force realities, and the pursuit of American diplomatic objectives; and concludes with a discussion of the Navy's strategic and structural changes at the end of the Cold War and its new focus, mission and strategy in the post September 11, 2001 world.

NS 200. Naval Science Laboratory (.5; F; S)

Designed to provide a period of instruction to allow student leadership to organize and facilitate annual training. Training topics include but are not limited to, General Military Training (GMT), close order drill, guest speakers, safety training and other topics pertinent to the professional development of future Junior and Company Grade officers. This course provides ample time for student-led training. Student participation will be critical to the success of the class.

NS 201. Naval Ships Systems I (Combat Systems) (3; F)

A familiarization course in the basic concepts and principles associated with the development and employment of naval weapons systems. It includes coverage of weapons systems, radar and fire control systems, their capabilities, limitations and application. Target acquisition, identification, tracking and engagement principles are also covered.

NS 202. Naval Ships Systems II (Engineering) (3; S)

A familiarization course in the basic concepts and principles of current Naval Propulsion systems, damage control and ship design. Subjects covered include steam, nuclear and gas turbine propulsion, shipboard generators and distribution, ship's stability and damage control systems.

NS 300. Naval Science Laboratory (.5; F; S)

Designed to provide a period of instruction to allow student leadership to organize and facilitate annual training. Training topics include but are not limited to, General Military Training (GMT), close order drill, guest speakers, safety training, and other topics pertinent to the professional development of future Junior and Company Grade officers. This course provides ample time for student-led training. Student participation will be critical to the success of the class.

NS 301. Navigation & Naval Operations I (3; S)

A comprehensive study of the theory, concepts, principles, and procedures of ship navigation, movements, and employment. Included are studies in spherical trigonometry, mathematical analysis and practices, spherical triangulation, sights, sextants, publications and logs. Rules of the road, lights and signals, and navigational aids, including satellite and inertial guidance systems are reviewed. Individual and multi-ship formations, dispositions, and maneuvers are analyzed for force effectiveness and mission support. Principles of relative motion and maneuvering board procedures are applied to maneuvering problems.

NS 302. Navigation & Naval Operations II (3; F)

An in-depth study of the theory, principles, procedures, and application of plotting, piloting, and electronic navigation as well as an introduction to maneuvering boards. Students learn piloting techniques, the use of charts, the use of visual and electronic aids, and the theory of operation of both magnetic and gyrocompasses. Students develop practical skills in plotting and electronic navigation. Other topics include tides, currents, effects of wind/weather, voyage planning, and an application and introduction to the international/inland rules of navigation. The course is supplemented with a review/analysis of case studies involving moral/ethical/leadership issues pertaining to the concepts listed above.

NS 310. Evolution of Warfare (Marine Corps Option) (3; S)

A study of the concepts, art, and evolution of warfare. Purposes of the study are to formulate the sense of historical continuity in the evolution of warfare and to explore the impact of historical precedent on military thought and actions of the great leaders and military organizations.

NS 313. Navigation Laboratory (1; S)

Co-requisite: NS 301. Practical application, in the laboratory and on field trips, of the scientific and mathematical principles presented in class, including piloting, celestial navigation, and ship maneuvering problems utilizing relative motion concepts as applied to the maneuvering board.

NS 314. Navigation Laboratory (1; F)

Co-requisite: NS 302. Practical application, in the laboratory and on field trips, of the scientific and mathematical principles presented in class, including piloting, celestial navigation, and ship maneuvering problems utilizing relative motion concepts as applied to the maneuvering board.

NS 400. Naval Science Laboratory (.5; F; S)

Designed to provide a period of instruction to allow student leadership to organize and facilitate annual training. Training topics include but are not limited to, General Military Training (GMT), close order drill, guest speakers, safety training and other topics pertinent to the professional development of future Junior and Company Grade officers. This course provides ample time for student-led training. Student participation will be critical to the success of the class.

NS 401. Leadership & Management (3; F; S)

A comprehensive study of organizational behavior and management. The theme of the course is the "officer as a manager, organizational decision maker and leader." Topics include a survey of the management functions of planning, organizing and controlling, and extensive study of motivation and leadership. Major behavioral theories are explored in detail. Other topics include decision making, communication, responsibility, authority and accountability.

NS 402. Leadership & Ethics (3; F; S)

A course designed to provide midshipmen with the ethical foundation and basic leadership tools needed to be effective junior officers and outstanding leaders in the Navy and Marine Corps. The course specifically includes training on principle-centered leadership, ethics, morals, character development, core values, management techniques, military justice, officer performance standards, Navy organization and programs and division officer responsibilities.

NS 410. Fundamentals of Maneuver Warfare (Marine Corps Option) (3; F)

A course that introduces students to the fundamental terms, concepts, and theories of general warfare and amphibious warfare. These terms, concepts and theories will be applied through a historical analysis of amphibious operations, identifying the evolution of amphibious doctrine, tactics and technology. It focuses on the evolution of the United States Marine Corps into a specialized amphibious force, with particular attention devoted to the structure and capabilities of the present day U.S. Marine Corps as a forward deployed and rapid deployment force and the development of Expeditionary Maneuver Warfare concepts.

Navy NROTC

NROTC FAQs

Naval ROTC FAQs

Top 10 Frequently Asked Questions

What happens if I am a College Program Midshipman and don't get a scholarship?

If you don't earn a scholarship before your junior year, you may apply for Advance Standing. If Advance Standing is granted, the Midshipman will be provided with the $350/400, (Juniors/Seniors), stipend every month during the school year for the remaining two years. Upon graduation the Advanced Standing Midshipman receives the same commission as the Scholarship Midshipman. If the Midshipman has not been granted Advance Standing before the junior year, he or she will be disenrolled from the ROTC program.

What exactly does a NROTC Scholarship pay for?

The NROTC Scholarship pays the students' tuition and fees OR room and board, and uniforms. A textbook stipend is also provided to assist with books. It also provides the student a stipend every month during the school year, this increases as you complete years in the program, to help with the cost of living.

Does the NROTC Scholarship pay for room and board?

Yes, the NROTC Scholarship can be used for tuition and fees OR room and board. If room and board are selected it will be paid at the rate of the institution's room and board cost or $11,500 per academic year, whichever is LESS.

What do Midshipmen have to do in the NROTC program?

Midshipmen are required to take one Naval Science class and one Naval Science lab each semester for four years. These classes provide instruction ranging from the history of the Navy to shipboard operations and engineering. Students are also required to attend Drill in uniform. If students are on scholarship they are required to attend summer training for three consecutive summers.

If I have an NROTC Scholarship am I restricted on what my major can be? Do I have to take certain classes for NROTC?

Navy Scholarship Students and College Program (Advanced) students must remain in the major listed when they applied for the scholarship. Academic major changes must be approved by the Professor of Naval Science. Marine Corps Scholarship students and all College Program (Basic) students are allowed to major in any academic field that will grant them a Bachelors degree. Navy scholarship midshipmen must, in addition to fulfilling their degree requirements, complete one year of calculus, one year of calculus-based physics, one year of English, one NROTC-approved military history or national security policy class, one NROTC-approved world culture and regional studies class, one Naval Science class and one Naval Science lab per semester. College Program Midshipman that will commission with Advance Standing are required to meet all the same requirements as scholarship students with the exception of calculus and calculus-based physics. Navy College Program Midshipmen must instead take College Algebra or higher math, and one year NROTC-approved Physical Science.

Is the NROTC Program any different for Marine Option Midshipmen?

Yes and no. Marine Option Midshipmen are required to take six Naval Science classes. Two of these Naval Science classes are separate from the Navy Option Midshipmen. The Marine Option classes focus on the history of warfare and amphibious operations. Marine Option Midshipmen are not required to take all of the classes that Navy Options Midshipmen are required to take. Only one semester of Military History or National Security Policy is required. Marine Option Midshipmen attend all Battalion drills and functions. There is a Marine Officer Instructor and an Assistant Marine Officer Instructor at the NROTC Unit that oversee all the Marine Options. Marine Option Midshipmen who are on scholarship are required to attend summer training as well. The first summer of training is identical to Navy Option Midshipmen where they are required to attend Career Orientation and Training for Midshipmen (CORTRAMID); the second summer of training normally consists of attending Marine Air-Ground Task Force (MAGTF) training. Between the Marine Options' junior and senior year, he or she is required to attend Officer Candidate School (OCS). After commissioning, all Marines must attend The Basic School (TBS) regardless of their Military Occupational Specialty (MOS).

Is a Marine Option Scholarship different from a Navy Option Scholarship?

Yes, the Marine and Navy Scholarship process is different. However, some Midshipmen are allowed to transfer between Navy and Marine options if they so desire while they are in NROTC. College Program Midshipmen are also allowed to be Marine Options and work for a Marine Scholarship. College Program Marine Option Midshipmen must achieve Advance Standing by the end of their sophomore years in order not to be disenrolled. If the Marine Option Midshipman gains Advance Standing then he or she is awarded the $350/400, (Juniors/Seniors), stipend and is required to serve 3 years of active duty.

What if I haven't been granted a scholarship? Can I still join NROTC?

Absolutely. There are two avenues for this. One is the College Program (Basic) and the other is the Naval Science Program. If students join the NROTC College Program, they will be required to do almost everything a scholarship student does. College Program (Basic) students do not go on summer training, however they do attend the initial orientation prior to the Fall semester. College Program students are reviewed for scholarship selection once a year for Navy option and twice a year for Marine option. Scholarship selection is based upon a student's grades, military aptitude and physical fitness performance in NROTC. Students may participate in College Program without any service commitment for the Freshman and Sophomore years. The Naval Science program is simply enrolling in Naval Science classes. Naval Science students have no obligation to NROTC other than attending the class(es) in which they are enrolled. Both College Program and Naval Science students may apply for a scholarship after attending naval science classes for one semester.

What is my normal time commitment to NROTC each week?

An average week includes about 10-15 hours of work including class, drill and some weekend commitments. Expect to do more as you gain seniority.

Are there any restrictions on choices for women?

No, all communities are now open to women. Within NROTC, women have served as Battalion Commander (the highest ranking midshipman) and in every other leadership billet.

Other Frequently Asked Questions

What NROTC classes should I register in?

Freshmen should register for "Introduction to Naval Science" (NSC 1110). Scholarship and College Program midshipmen should also register for NSC 1101 which is Drill/ Naval Science Lab.

I was told I am not physically qualified for the NROTC program, what can I do?

You will not receive a NROTC scholarship unless you are found physically qualified for the NROTC program. It is imperative that you become physically qualified before commencement of classes. If you are attempting to gain a waiver for some disqualifying physical condition and you start classes at the university, you will be responsible for payment of tuition, fees and books for that semester. If you are later found physically qualified for a NROTC scholarship during that same semester (i.e. your waiver is granted), your tuition, fees and book expenses can be reimbursed (case by case basis). If you are found not physically qualified for the NROTC program, tuition, fees and book expenses will not be reimbursed. If you are not sure if you are physically qualified or if you need information on how to get a waiver, please contact NSTC or the recruiter who helped process your application.

What are the obligations of a NROTC Scholarship Midshipman upon commissioning?

Scholarship students that graduate and receive their commissioning are obligated to serve 8 years of commissioned service, 3 - 5 years of active duty and the remainder in the inactive reserve. This is in an unrestricted line billet (surface, submarine, aviation, explosive ordnance disposal (EOD) or special warfare (SEAL). If students go to flight school as Pilots or Naval Flight Officers, their obligations increase to 8 and 6 years of active duty respectively, from their winging date.

What obligation do I owe as a College Program Midshipman with Advance Standing that is commissioned?

Those commissioned through the College Program are obligated to serve a minimum of 8 years commissioned service, 3 of these years must be active duty. The length of active duty is extended to 6 years for Naval Flight Officers and 8 years for Pilots upon receiving wings.

What does the summer training consist of for scholarship students?

The initial orientation training is the summer prior to freshman year or joining the program, New Student Indoctrination (Scholarship Students Only) and New Student Orientation (Both Scholarship and College Program). This training provides the basics to get the student ready to join the Battalion. The first fleet summer training scholarship students attend is called CORTRAMID, which stands for Career Orientation and Training for Midshipmen. Scholarship students attend CORTRAMID over the summer between their Freshman and Sophomore years of college. CORTRAMID's goal is to orient Midshipmen with the Navy. One week is devoted to exposure to the surface Navy, another to aviation, another to submarines, and the last spent with the Marine Corps. Midshipmen have the choice of attending CORTRAMID on either the west coast in San Diego, California or in the east at Norfolk, Virginia. The Midshipman's second summer training is Sea Trials. Sea Trials is a four week professional military training and evaluation prior to Junior year. The Midshipman's first class cruise is between their junior and senior year of college. The first class cruise is designed to provide the Midshipman with a realistic exposure to what it is like to be an officer. The Midshipman is assigned a LT or LTJG running mate. The Midshipman will shadow the officer and assist the officer on performing shipboard duties while in port and underway. It should be noted that College Program (Advance Standing) Midshipmen are required to attend this first class cruise.

What academic standards are there for NROTC Scholarship and College Program Midshipman?

Scholarship and College Program Midshipman must maintain a 2.5 semester and cumulative Grade Point Average on a 4.0 scale, have no failing grades in any subject required for their major or commissioning, progress on a prescribed timeline for graduation, and have a full academic load every semester (12 credit hours, not including your NROTC classes).

What if I received a 4-year NROTC scholarship to a university I was not accepted to?

Scholarship selection and placement is conducted by Naval Service Training Command (NSTC). Contact NSTC and request that your scholarship be transferred to another university to which you have been accepted. Be sure to include all of the applicable information (universities you have been accepted to, etc.) and any extenuating circumstances. Only NSTC has the authority to approve or disapprove this request. There is no guarantee that your request will be approved. Another option is to request, via NSTC, a deferral of your 4 year scholarship to the next term or school year. This will not change the university where the scholarship is applicable, but the time the scholarship starts. In this way you can re-apply to the university and hopefully get accepted for the next school year. If you do not report to your assigned school as per the scholarship award letter prior to the commencement of classes in the fall, and you have not received an NSCT approved deferment or transfer of your scholarship, it will be assumed that you have rejected your 4 year NROTC scholarship.

When should I apply to NROTC?

Typically NSTC will begin soliciting applications late in the Spring semester of your Junior year in H.S. for the National 4 Year Scholarships. Fill out an online application. You will be responsible to send other paperwork such as transcripts and your SAT scores. Part of the application also requires interviews. Please take care of those as soon as you can. The scholarships are awarded starting in September, so students that apply first have an advantage. Students who are not awarded scholarships immediately are retained for further review in later rounds.

Which school should I list first on my application?

NROTC requires you list 5 universities and that one of your top 2 choices be a state school. However, we STRONGLY recommend that you list the schools in the order you want to attend. The scholarship board will normally assign you to a school in the order you list them, provided there is room. Remember, it is your responsibility to get accepted at the schools you list. There is no guarantee that the NROTC will have room for every student at every school. All NROTC programs are limited in the number of students they may admit.

What physical/athletic requirements are there for midshipmen?

Each semester you will take a physical readiness test. For Navy option students, this entails push-ups, curl-ups, and a 1.5 mile run; Marine option students perform pull-ups, curl-ups, and a 3-mile run and/or a Combat Fitness Test. We expect you to do well on these tests. Also, each midshipman must pass a swimming test. We require that you work out regularly.

Can I be in a fraternity or sorority?

Yes.

Undergrad Program Requirements

Dual Degrees and Double Majors

Students who have been approved to pursue a dual degree or double major should meet with their academic advisor before applying for graduation. Once a degree has been awarded, subsequent course work cannot be added to create a second degree, major or minor; nor may any changes be made to courses or grades except in cases of administrative error.

Double and/or Multiple Majors

Students approved to pursue two or more majors within the same college or division and who apply for and satisfy requirements of all majors will be awarded two or more diplomas and all majors will be indicated on their official transcript.

Dual Degrees

Students approved to pursue two different baccalaureate degrees (e.g., BA and BS) who apply for and satisfy the requirements of both degrees will be awarded two diplomas and both degrees will be indicated on their official transcript. Students must meet the requirements for both degrees and have the approval of both colleges.

Under certain circumstances, students may be awarded a baccalaureate degree at the same time they are awarded a master's degree.

View the University's current official policy on double degrees and majors.

UG Certificate Programs

Undergraduate Certificate Programs

Credit-bearing, undergraduate certificate programs are comprised of related courses that constitute a coherent body of study within a discipline. These programs must be approved through University and faculty governance processes. Furthermore, credit bearing certificate programs must establish student learning outcomes and assess the extent to which students achieve these outcomes. Additional information about the assessment of learning outcomes can be found in the Academic Learning Compact (ALC) policy.

With the approval of the sponsoring college, students can apply required coursework to both the certificate program and, if applicable, their chosen undergraduate degree program. Students do not, however, have the right to return for a retroactive certificate award. Students who have graduated from a degree program and wish to return to pursue a certificate will need to pay a new application fee and apply to the University as well as the specific certificate program. Credits awarded and used towards prior degrees cannot be applied to the undergraduate certificate.

Students are subject to the individual requirements of the undergraduate certificate program and will need to complete at least 50 percent of the required coursework in residence at the University (e.g., face-to-face, distance learning, or credit hours obtained while enrolled in an approved UNF study abroad program). Successful completion of the undergraduate certificate program will be noted on the student's official transcript separately from their degree program.

Eligibility and Related Requirements

Each program will develop its own eligibility criteria for certificate programs. Acceptance to an undergraduate certificate program is dependent on student eligibility and, if required, departmental approval. Some undergraduate certificates must be declared as an additional curriculum and are only available to currently enrolled degree-seeking students or those in certain majors. Other certificates are open to both non-degree and degree seeking students.

Currently enrolled degree-seeking UNF students must contact their academic advisor to discuss their intent to add a certificate to their program of study. Certain certificates require the student to submit a UNF admission application while other certificates may be added to a student's record at the request of their academic advisor. Academic advisors can work with the Office of Records and Registration to determine the correct method depending on the certificate being pursued. Students are not enrolled in a certificate program by virtue of being enrolled in related courses.

Non-degree seeking students must submit an admissions application, pay an application fee, and be accepted into the desired certificate program in accordance with program-specific admissions criteria.

All undergraduate certificate students must meet all prerequisites for courses in which they wish to enroll. Students pursuing an undergraduate certificate will be required to meet the same academic requirements as those defined for degree-seeking students to remain in "good standing," as per UNF Policy 2.0610P.

Completion of a Certificate Program

Once certificate coursework is satisfied, the student will be eligible to receive a document acknowledging completion that is separate from a diploma conferral. Students are required to apply to graduate from their certificate program through myWings by the graduation application deadline listed on the UNF Academic Calendar. If a student is completing a degree program and a certificate program both will need to be applied for individually during the graduation application window.

Certificate conferral information may be listed in the commencement program but will not be individually recognized as part of the commencement ceremony. Students earning only a certificate are not eligible to participate in the commencement ceremony.

Printing and conferring of all completion documents for University certificate programs will be the sole responsibility of the Office of Records and Registration. All materials required to print and package the completion documents will also be housed within Enrollment Services.

Successful completion of an undergraduate certificate program will be noted on a student's official transcripts separately from their degree program.

View the University's current official policy on undergraduate certificate programs.

Undergrad Program Requirements

Multiple Minors

Multiple Minors

In consultation with their academic advisor, undergraduate students may pursue multiple minors. Policies for multiple minors may vary by college (refer to college-specific catalog pages). Students must meet with their advisor to officially declare their minors and to ensure that the selected minors will be recorded on their program of study and their official University transcript. Students must adhere to minor requirements specified by the college offering the minor.

Students may not add a minor after successfully earning 90 degree-applicable credits. Exceptions may be granted in certain situations, subject to Dean and advisor approval.

Undergrad Program Requirements

Latin Honors Distinction

Latin Honors Distinction

Provided that at least forty-eight (48) semester hours of coursework have been completed in-residence at UNF (30 hours for RN-BSN students), undergraduate students who graduate with the following institutional grade point averages will receive the corresponding Latin Honors distinctions:

GPA	LATIN HONOR	
3.50 to 3.64	cum laude	
3.65 to 3.79	magna cum laude	
3.80 or higher	summa cum laude	

GPA calculations for Latin Honors will be based on all credits earned at UNF. A minimum of thirty (30) hours in-residence at UNF is required for Latin Honors in a second baccalaureate degree. Only courses taken after receipt of the first baccalaureate degree will be calculated in the Latin Honors GPA for a second baccalaureate degree.

Transfer students must have the minimum Latin Honors GPA (3.5) prior to the term of graduation and must be taking enough credit hours during the term of graduation to bring them to the required 48 UNF hours needed to qualify for Latin Honors (30 for RN-BSN) . Students with a previously reported and founded incident of academic misconduct are ineligible for the Latin Honors designation. Students do not have the right to appeal their ineligibility for Latin Honors if they did not pursue an appeal for the allegation of misconduct at the time it occurred or if that appeal was denied. See the University policy on Academic Misconduct.

Latin Honors is not available to graduate students.

Criteria Determination

Latin Honors are electronically calculated based on the criteria stipulated in the University catalog under which a student is meeting degree requirements. Typically, the catalog year reflects the academic year in which the student was admitted; however, this may change if the student broke continuous enrollment and is re-admitted under a different catalog.

If a student has used either a Grade Forgiveness or a Term Forgiveness, or has any NG (No Credit) grades, the originally recorded grades will be used in Latin Honors calculations. *Graduate level courses are not included in Latin Honors calculations.*

Recognition of Latin Honors Distinction for Graduating Students

Baccalaureate degree candidates who will have accumulated forty-eight (48) hours in-residence at UNF (30 hours for RN-BSN students) by the end of the term of graduation and have the appropriate GPA prior to the term of graduation will be eligible to purchase a gold honor cord from the UNF Bookstore. Latin Honors candidates will be recognized in the printed Commencement Program (provided they have elected to have their names included in the program). Candidates who are confirmed to have earned Latin Honors after the current term's grades are recorded will have the appropriate honors designation posted on their diploma and transcripts (baccalaureate degrees only).

View the University's current official policy on Latin Honors.

Undergrad Program Requirements

Posthumous Baccalaureate Degree

Posthumous Baccalaureate Degree and In Memoriam Degree

A Posthumous Degree at the bachelor's level recognizes academic work completed by a student who has made progress toward completion of a degree. In order to receive a Posthumous Degree, the student must have achieved senior status, must have been in good standing at the University of North Florida, and must have met the UNF residency requirement or have been enrolled in courses sufficient to meet the residency requirement.

An In Memoriam degree allows for recognition of a student's connection to the University of North Florida regardless of their progress toward completion of degree requirements. In order to receive an In Memoriam degree, the student must have been enrolled in a degree program at the time of their death. The request for the degree can be initiated by a family member or friend or upon the recommendation of the faculty. The department chair then forwards the request and provides a rationale for awarding the degree to the Office of Records and Registration.

In the case of a Posthumous Degree, a family member, friend, or designee may elect to accept the diploma at the commencement ceremony as well as receive the student's official diploma. If at all possible, the student's name will appear in the commencement program indicating "degree awarded posthumously. Coursework in progress at the time of death may be listed on the transcript with a designation of WD (Withdrawn Deceased).

At the master's and doctoral levels, the faculty of the respective programs will determine the policies and procedures for awarding In Memoriam Degrees.

View current University policies for Posthumous and In Memoriam baccalaureate degrees and Posthumous graduate degrees.

Programs of Study Listing - Undergraduate

UNF offers 69 bachelor’s degrees with 83 areas of concentration — giving students lots of options for areas of study, many in high-demand fields. With top faculty and a supportive staff, UNF empowers students to pursue their passions and achieve success.

To view degree and program requirements, see the tabs above representing Brooks College of Health (BCH); Coggin College of Business (CCB); College of Arts and Sciences (COAS); College of Computing, Engineering & Construction (CCEC); Silverfield College of Education and Human Services (SCOEHS); and Interdisciplinary Programs (IERE).

Programs of Study Listing - Undergraduate

BCH

Brooks College of Health (BCH)

Majors

Kinesiology

- Freshman Amit (concentration option)

Health Science

Health Science

Healthcare Management

- Aging Services (concentration option)

Nursing

Concentration Options:

- Freshman Admit Nursing (FAN)
- Nursing-RN
- Prelicensure Nursing

Nutrition & Dietetics

Concentration Options:

- Community Nutrition and Food
- Nutrition & Dietetics - Didactic Program in Dietetics

Minors

Food Systems & Sustainability

Global Health

Healthcare Management

Public Health

CCB

Coggin College of Business (CCB)

Majors

Accounting

Concentration Options:

- Fixed-CPA-Eligible Accounting
- Flexible CPA-Eligible Accounting

Business Intelligence

Business Management

Economics

Economics

Finance

Financial Planning

International Business

International Business

International Business

Concentration options:

- Functional Business Knowledge
- Global Expertise

International Business

International Business

International Business

Marketing

Transportation and Logistics

Minors

Business Administration

Business Intelligence

Business Management

Digital Marketing

Digital Mkting & Analytics

Economics

Finance

FinTech for Computing

GIS and Economic Geography

Human Resource Management

Logistics for Bus Students

Logistics for Non-Bus Students

Supply Chain Mgt for Bus Stude

Certificates

Financial Analytics Cert.

COAS

College of Arts and Sciences (COAS)

Majors

Advertising

Africana Studies

- Library and Archival Studies (concentration option)

Anthropology

Art History

Astronomy

Behavioral Neuroscience

Biochemistry

Biology

Concentration options:

- Coastal and Marine Biology
- Coastal Environmental Science
- Ecology and Evolution Biology
- Molecular/Cell Biology & Biotechnology

Biomedical Sciences

Chemistry

- Chemistry - Materials Chemistry
- Chemistry - Pre-Medical Professions

Chemistry

Communication Studies

Criminal Justice

Digital Video Production

English

- Creative Writing (concentration option)

Fine Arts

Concentration options:

- Ceramics (BFA)
- Painting and Drawing (BFA)
- Photography (BFA)
- Printmaking (BFA)
- Sculpture (BFA)

French and Francophone Studies

Graphic Design

History

Integrative General Studies

Interdisciplinary Studies

International Studies

Mathematics

Mathematics

Concentration options:

- Applied Mathematics
- Discrete Analysis

Multimedia Journalism

Music Education

Music Jazz Studies

Music Performance

Concentration options:

- Music Technology & Production
- Music-Classical Piano
- Music-Classical Voice

- Music-Harp
- Music-Strings
- Music-Woodwinds, Brass, Percussion
- Piano Performance and Pedagogy

Philosophy

Concentration options:

- General Philosophical Studies
- Law, Politics, and Ethics

Physics

Concentration options:

- Astrophysics
- Civil Engineering
- Computing Emphasis
- Electrical Engineering
- Materials Science
- Mechanical Engineering
- Pre-Medical Physics

Political Science

Psychology

- Child Psychology (concentration option)

Psychology

- Child Psychology (concentration option)

Public Relations

Religious Studies

Social Work

Sociology

- Social Research (concentration option)

Spanish

Statistics

Statistics

- Actuarial Science (concentration option)

Minors

African Amer Studies/Diaspora

Ancient Studies

Anthropology

Applied Statistics

Art History

Asian Studies

Biology

Ceramics

Chemistry

Child Welfare

Chinese

Communication Studies

Creative Writing

Criminal Justice

Digital Humanities

Film

French

Gender Studies

History

Interdisciplinary Studies

International Studies

Jewish Studies
Law, Politics, and Ethics
Literature
Mass Communication
Mathematics
Painting, Drawing, Printmaking
Philosophy
Photography
Physics
Political Campaigns
Political Science
Psychology
Public Administration
Religious Studies
Sculpture
Social Media
Social Welfare
Sociology
Spanish
Statistics

Certificates

Biotechnology Certificate
Conducting Certificate
Joint Stat Analy Cert with SAS
Medical Humanities
Music Technology Certificate
Performers Certificate Program
Performers Certificate Program
Post-Bacc Pre-Med Certificate
Sacred Music Certificate
Spanish for the Professions

Programs of Study Listing - Undergraduate

CCEC

College of Computing, Engineering and Construction (CCEC)

Majors

Adv Manufacturing Engineering
Building Construction
Building Construction
Civil Engineering
Computer Science
Computing & Info Sciences

Concentration options:

- Data Science
- Financial Technology (FinTech)

Electrical Engineering
Information Science
Information Systems
Information Technology
Mechanical Engineering

Minors

Biomedical Engineering

FinTech for Computing

Construction Management

FinTech for Fin and Acct

Certificates

BCM International Certificate

AI for Construction

AI for Business

AI for Engineers

Programs of Study Listing - Undergraduate

SCOEHS

Silverfield College of Education and Human Services (SCOEHS)

Majors

ASL/English Interpreting

Concentration options:

- Education Interpreting
- Community Interpreting

Deaf Education

Early Childhood Education

Concentration options:

- Early Childhood Development
- Prek-Primary Licensure

Elementary Education

English Education

Learning Design and Technology

Concentration options:

- Professional Education
- Workforce Learning and Leadership

Math Education

Middle School Education

Science Education

Concentration options:

- Biology (6-12)
- Chemistry (6-12)
- Physics (6-12)

Social Studies Education

Special Education

Special Education

Sport Management

Concentration options:

- Sport Management - Marketing
- Sport Analytics (Spring 2026)

Minors

Amer Sign Lang/Deaf Studies

lOXfw04T0NSISj5zUT8T - Missing program

Deaf Education

Disability Services

Early Childhood Svc Leadership

Fitness Management

Leadership

Learning Design and Technology

Professional Education

Sport Management

TESOL

Certificates

Computer Sc HS Teachers Cert

Core K-12 Teach Skills Cert

Deaf Ed Post-Bac Certificate

International Ed. Certificate

Programs of Study Listing - Undergraduate

IERE - Interdisciplinary Programs

University

Majors

Environmental Science

Concentration options:

- Environmental Natural Sciences
- Environmental Principles & Practice

Minors

Environmental Studies

Admissions - All Students

General Admissions

The University of North Florida has grown into a popular destination for many aspiring students. Built on a strong foundation of academic excellence, the University offers wonderful experiences for a diverse and academically talented student body.

The information and procedures described in this section of the catalog pertain to all applicants for admission, regardless of student type or level. Use the links to the left to learn more about the procedures and requirements for admission to the University of North Florida.

Criminal Offense Charges

The University reserves the right to review the case of any student who has been implicated in a criminal offense prior to admission to determine eligibility for admission and participation in extracurricular activities.

At the time of application, students must disclose the final disposition of any past or pending judicial proceedings and submit any pertinent documentation by the admissions deadline. Applications submitted without complete supporting information will not be processed and are subject to cancellation.

Equal Opportunity/Equal Access/Affirmative Action

The University of North Florida encourages applications from qualified persons and does not discriminate on the basis of race, color, religion, national origin, sexual orientation, veteran status, disability, age, marital status, or gender. The president has delegated responsibility for the implementation of the University's equal opportunity and non-discrimination policies and affirmative action program to the director, Office of Equal Opportunity and Inclusion (EOI). For more information, contact the Office of Title IX and Civil Rights.

Special Admission Consideration based on a Disability

The University does not discriminate based on disability in admission or access to its programs or activities. Students who do not meet general admission requirements and have documented proof of a disability (e.g., blind or low vision, deaf or hard of hearing, motor or physical disabilities, psychological or emotional disorders, specific learning disabilities, ADHD/ADD, or other disabilities) may request consideration of the disability in the appeal process. Applicants who wish to appeal may submit documentation verifying the disability and a letter of appeal. For more information on the appeal process, please visit the Admissions webpage.

The University advises students with disabilities to register with the Student Accessibility Center (SAC) immediately upon admission to UNF. **To provide accommodations, a student must be registered with the Student Accessibility Center (SAC).**

To register with the SAC, the student must supply the SAC office with written documentation of his/her disability (see How to Register with the SAC).

Prior UNF students returning for coursework after an absence of three consecutive semesters must follow current SAC documentation requirements and policies.

Admissions - All Students

International Students

F-1 International Student Requirements

In addition to meeting admission standards for their chosen program and major, international students seeking to study at the University of North Florida must satisfy the following requirements to be issued a Form I-20. Information related to the admission requirements for specific majors and programs may be found in the Undergraduate and Graduate areas of this catalog. For additional information, please contact the UNF International Center

United States Immigration & Financial Requirements

1. **Passport:** All applicants must provide a copy of the biographical page of their current passport.
2. **Certification of Finances:** The Department of Homeland Security requires UNF to ensure that international students have sufficient financial resources before issuing a Certificate of Eligibility (Form I-20). All applicants must show proof of financial support for the first year of study and demonstrate availability of funds for the entire first year of study via the Affidavit of Financial Support and Bank Certification. The Affidavit is a document signed by the applicant's sponsor (the person who will be providing the funds) stating the amount of funds that she/he will provide for the educational expenses of the student applicant. A bank official then certifies that the sponsor does have that amount of funds in his/her account. This form represents an obligation on the part of the sponsor to provide the required amount of funds as indicated on the form. Please see "Estimated Costs of Attendance for International Students" to determine the amount of funds needed to be written on the Affidavit.
3. **Transfer Students:** All admitted students currently in F-1 visa status who are intending to transfer from another U.S. university must notify their current school so that the SEVIS transfer process can be initiated. A Form I-20 from UNF cannot be issued until the current school transfers the SEVIS record to UNF.

Health Requirements

Before enrolling in classes at UNF, all admitted students must supply the following health certifications. These certifications are not necessary in order to apply for admission to UNF; however, they are necessary for admitted students to register for classes. Please visit the Medical Compliance section of the catalog and the Medical Compliance website for additional information.

1. **Certification of Health Insurance:** All students in an immigration status of F1 or J1 must show proof of health insurance before registering for classes. Please visit the Medical Compliance section of the catalog, the health insurance website, and the immunization website for additional information.
2. **Certification of Immunization:** All students born after 1956 must meet immunization requirements of two doses of Measles and one dose of Rubella. All new matriculating students must provide documentation of vaccination against Meningococcal Meningitis and Hepatitis B unless the student has signed a waiver declining each of these vaccinations and acknowledging receipt and review of the University-provided information concerning Meningitis and Hepatitis B. Please refer to the Medical Compliance Immunization Form.

Admissions - All Students

Medical Compliance

Medical Compliance Requirements

Immunization Policy

View the official UNF Admissions - Medical Compliance Immunization Requirements.

Pursuant to Florida Board of Governors Regulation 6.001(9), prior to registration, each student accepted for admission at the University of North Florida must submit proof of required immunizations. University of North Florida requires documented proof of immunizations to measles, mumps, and rubella. In addition, pursuant to Florida Board of Governors Regulations 6.007, effective July 1, 2008, all new matriculating students must also provide documentation of vaccinations against meningococcal meningitis and hepatitis B or provide a signed waiver for each declined vaccination.

Note: Measles, mumps, and rubella are not given as separate vaccinations. There are two MMR vaccines available for use in the United States, M-M-R II and PRIORIX. M-M-R II and PRIORIX are fully interchangeable for all indications for which MMR vaccination is recommended. Children may also get the MMRV vaccine, which protects against measles, mumps, rubella, and varicella (chickenpox). This vaccine is only licensed for use in children who are 12 months through 12 years of age.

The Student Health Services Patient Portal has an automatic connection to the Florida Shots immunization database. If a student does not have a red dot next to immunizations, the student is already compliant for immunizations based on the information received from the Florida Shots database. No action is needed in these cases. If a red dot is seen next to immunizations, students can upload immunization documentation, enter vaccine dates, and complete electronic waivers for meningococcal meningitis and/or hepatitis B on the Student Health Services Patient Portal.

The Immunization Hold (IM) is not automatically cleared when compliance is reached within the Patient Portal. The staff of the Student Health Services Medical Compliance area must manually lift this hold. Because the two data sets are not linked, the hold may be on the account until the start date of the semester of admission. If the hold is not lifted by the start of the semester of admission, please contact Medical Compliance for assistance. The hold does not preclude the student from registering for classes.

Acceptable documentation is as follows:

Measles (Rubeola)

Students can be considered compliant for measles only if they have documentation of one of the following:

1. Official documentation of immunization with TWO (2) doses of live measles virus vaccine (2 MMRs) on or after the first birthday and at least 28 days (about 4 weeks) apart. Persons vaccinated with killed or unknown vaccine prior to 1968 must be revaccinated.
2. Laboratory (serologic) evidence of measles IgG immunity titer.
3. A written, dated statement, signed by a physician on his or her stationery, that specifies the date seen, and stating that the person has had an illness characterized by a generalized rash lasting three or more days, a fever of 101 degrees Fahrenheit or greater, a cough and conjunctivitis, and in the physician's opinion, is diagnosed to have the 10-day measles (Rubeola).
4. Birth before 1957

Measles is a highly contagious acute viral infection characterized by a rash, cough, runny nose, eye irritation and fever. It is extremely communicable and is spread by droplets from the nose and mouth of an infected person to susceptible individuals. Measles can lead to ear infection, pneumonia, seizures, brain damage or even death. In recent years in the U.S., outbreaks have occurred most commonly in adolescents and young adults, including college students. Receiving two doses of the live measles vaccine can provide long-lasting immunity.

Rubella (German Measles)

Students can be considered compliant for rubella only if they have documentation of at least one of the following:

1. Documentation of immunization with live rubella virus vaccine (MMR) on or after the first birthday.
2. Laboratory (serologic) evidence of rubella IgG immunity titer.

3. Birth before 1957

Rubella is a contagious viral infection that causes a rash, mild fever and stiff joints in adults. A woman who gets rubella while pregnant could have a miscarriage or her baby could be born with serious birth defects. Its incidence is low in the U.S. due to the increased number of childhood vaccinations against the disease; however, outbreaks continue to occur in susceptible populations, including college students. The vaccination for rubella produces antibodies in more than 95 percent of recipients.

Mumps

Students can be considered compliant for mumps only if they have documentation of one of the following:

1. Official documentation of immunization with TWO (2) doses of live mumps virus vaccine (2 MMRs) on or after the first birthday and at least 28 days (about 4 weeks) apart.
2. Laboratory (serologic) evidence of mumps IgG immunity titer.
3. Birth before 1957

Mumps is an acute viral infection characterized by muscle ache, tiredness, loss of appetite, headache and fever, followed by swelling of salivary glands. The parotid salivary glands (which are located within your cheek, near your jaw line, below your ears) are most frequently affected. Transmission of mumps virus occurs by direct contact with respiratory droplets, saliva or contact with contaminated fomites. Complications of mumps infection can include deafness, inflammation of the testicles, ovaries, or breasts and spontaneous abortion. In recent years in the U.S., the majority of cases reported occurred among adolescents and young adults, including college students.

Birth before 1957. Before measles, mumps, and rubella (MMR) vaccines were available, nearly everyone was infected with the viruses during childhood. Most born before 1957 are likely to have been infected naturally and therefore are presumed to be protected against measles, mumps, and rubella (Centers for Disease Control and Prevention, CDC).

Meningococcal meningitis

Meningococcal meningitis is an infection of the fluid of the spinal cord and brain, caused by bacteria and usually spread through exchange of respiratory and throat secretions (i.e. coughing, kissing). Bacterial meningitis can be quite severe and may result in brain damage, hearing loss, learning disability or even death. A vaccine is currently available for one of the most severe forms of bacterial meningitis, meningococcus. This vaccine effectively provides immunity for most forms of meningococcus; there is no vaccine for the less severe viral type of meningitis.

Students can be considered compliant for meningococcal meningitis if they have documentation of at least one of the following:

1. Documentation of one dose of meningococcal meningitis. Brand names of meningococcal meningitis vaccines include Menactra (MCV4), Menveo (MCV4), Menomune (MPSV4), Trumenba (Meningococcal Group B Vaccine), and Bexsero (Meningococcal Group B Vaccine).
2. Electronic meningitis waiver: You can complete an electronic waiver of liability for meningitis on your Student Health Services Patient Portal. Please click on “Forms” on the left menu and select the meningitis waiver under immunization forms.

Hepatitis B

Hepatitis B is a viral infection of the liver caused primarily by contact with blood and other body fluids from infected persons. Hepatitis B vaccine can provide immunity against Hepatitis B infection for persons at significant risk, including people who have received blood products containing the virus through transfusions, drug use, tattoos or body piercing; people who have sex with multiple partners or with someone who is infected with the virus; and health care workers and people exposed to biomedical waste.

Students can be considered compliant for hepatitis B if they have documentation of at least one of the following:

1. Documentation of a complete hepatitis B series.
2. Laboratory (serologic) evidence of hepatitis B immunity titer (hepatitis B surface antibody titer).
3. Electronic hepatitis B waiver: You can complete an electronic waiver of liability for hepatitis B on your Student Health Services Patient Portal. Please click on “Forms” on the left menu and select the hepatitis B waiver under immunization forms.

Exemptions

1. Students seeking an exemption due to medical conditions must upload documentation from a healthcare provider on the Student Health Services Patient Portal.
2. Students seeking an exemption for religious reasons may upload any of the documentation listed below or complete the UNF Religious Exemption from Vaccination online form available on the Student Health Services Patient Portal:

1. County Health Department exemption document
2. A letter from a church or religious organization
3. Legal exemption document from law office
4. Religious exemption letter or document from a previous school attended

Certification of Health Insurance

To comply with the Florida State Board of Governors (BOG) Regulation 6.009, F or J visa status students must have a health insurance policy that meets certain criteria. The University of North Florida (UNF) has a policy available that includes benefits that meet the Florida State Board of Governors Regulation (visit the Academic Health Plans (AHP) website for details). International students also have the option to purchase an alternate health insurance policy and waive the student health plan, if the policy meets the Florida State Board of Governors (BOG) Regulation 6.009 guidelines and complies with UNF regulations and policies. If your program of study requires health insurance, you can enroll in the student health insurance plan or submit a waiver with an active health insurance plan on the Academic Health Plans (AHP) website.

UNF Health Insurance Plan (Option to Enroll)

Information on this plan can be found on the Academic Health Plans (AHP) website and the Student Health Services website. Students may login to the Academic Health Plans online portal and select the option to enroll. The fee for this plan is then automatically assessed on the student's myWings account when tuition/fees are assessed. This online enrollment process in the student health insurance plan must be completed before registration. The payment deadline is the same as the tuition and fee deadline.

Alternate Insurance Waiver Plan (Option to Waive)

In order to meet the requirements with an alternate health insurance plan, students may login to the Academic Health Plans online portal and select the option to waive. The students will then need to upload the health insurance ID card, coverage dates, and plan benefits for audit by the Academic Health Plans waiver team each semester for international students and once annually for program of study students.

The online waiver in the Academic Health Plans system must be submitted before the semester for which you enroll. The waiver information must be submitted and approved before registration for the upcoming semester. All alternate health insurance coverage must be for the entire upcoming semester (or beyond). If your online waiver is denied, you will need to get a different alternate health insurance plan that meets all requirements or opt to enroll in the student health insurance plan.

Please contact the UNF Office of Medical Compliance for additional information.

Admissions - All Students

Residency

Tuition and fees are assessed on the basis of residency. Enrolling students are classified either as "Florida" or "Non-Florida" students.

The University of North Florida follows the laws of the State of Florida and regulations and policy guidelines established by the Florida Board of Governors in determining residency for tuition purposes. The law allows U.S. citizens and lawful permanent residents to be classified as Florida residents for tuition purposes if the applicant or the dependent applicant's parent/legal guardian has been a legal resident of the state for at least 12 months preceding the first day of classes of the term for which Florida residency is sought.

Proper documentation is required before students are classified as Florida residents for tuition purposes.

For more information on residency requirements, visit the Residency Processing Office at UNF.

View the University's official regulation and Florida Board of Governors Regulation 7.005,https://www.flbog.edu/regulations/active-regulations/.

Admissions - All Students

Re-Admission

Students Seeking Re-Admission

Any student who has not enrolled at the university in the last three consecutive terms and wishes to re-enroll in the University must apply for re-admission.

To be reconsidered for admission, a former student must submit a new application for admission and pay the $30 application fee by the appropriate deadline for the desired semester. Students are also advised to contact the Office of Admissions to confirm which documents (transcripts and test scores) are still on file and if there are additional items required. Students who re-apply are subject to any new admissions requirements and to the program requirements published in the catalog for the academic year in which they re-initiate enrollment at UNF.

View the University's official policy.

Admissions - All Students

Special Admission - Disability Based

Special Admission Consideration based on a Disability

The University does not discriminate based on disability in admission or access to its programs or activities. Students who do not meet general admission requirements and have documented proof of a disability (e.g., blind or low vision, deaf or hard of hearing, motor or physical disabilities, psychological or emotional disorders, specific learning disabilities, ADHD/ADD, or other disabilities) may request consideration of the disability in the appeal process. Applicants who wish to appeal may submit documentation verifying the disability and a letter of appeal. For more information on the appeal process, please visit the Admissions webpage.

The University advises students with disabilities to register with the Student Accessibility Center (SAC) immediately upon admission to UNF. **To provide accommodations, a student must be registered with the Student Accessibility Center (SAC).**

To register with the SAC, the student must supply the SAC office with written documentation of his/her disability (see How to Register with the SAC).

Prior UNF students returning for coursework after an absence of three consecutive semesters must follow current SAC documentation requirements and policies.

Admissions - Articulation & Institutional Agreements

Articulation Agreements and Institutional Agreements

To support the transfer of students from partnership institutions into four-year programs, the University of North Florida adheres to formalized articulation agreements. This section outlines the types of articulation agreements accepted at UNF. For more information about articulated programs, please contact the Office of Records and Registration.

Statewide 2+2 Articulation Agreement

Established in 1971, Florida's Statewide Articulation Agreement (codified in Section 1007.23, Florida Statutes and Chapter 6A-10.024, Florida Administrative Code) provides the foundation for the Associate in Arts degree as the most direct means of transferring from a Florida state college to one of the 12 state universities. Under this agreement, students who graduate from one of the state colleges with an Associate in Arts degree are guaranteed the following:

- admission to one of the 12 state universities (not including specialized admissions or teacher certification programs or a major program requiring an audition) **admission to the student's preferred public postsecondary institution or program is not guaranteed*,
- acceptance of at least 60 semester hours by the state university
- adherence to the state university requirements and policies, based on the catalog in effect at the time the student first entered the state college (provided the student maintains continuous enrollment),
- transfer of equivalent courses under the Statewide Course Numbering System.

UNF adheres to the policies laid out under the Statewide Articulation Agreement. Students wishing to apply to UNF are subject to all admissions policies and procedures. To be eligible for consideration, applicants must meet admission requirements and all posted deadlines.

Associate in Science (AS) to Bachelor of Science (BS) Articulation Agreement

The Associate in Science (AS) to Bachelor of Science (BS) Articulation Agreement (also known as The Career Ladder agreement) integrates specific associate in science degree programs with identified baccalaureate degree programs statewide. Each associate in science degree program must meet specific requirements as prescribed in the agreement. Public postsecondary institutions are required to honor the transfer of credit toward the specified baccalaureate degree.

Graduates of a Florida state college associate in science degree program that contains a documented agreement maintained by the Articulation Coordinating Committee shall be granted admission to a public postsecondary institution in the designated program articulate with their degree, except for specialized admissions programs and those requiring specific grades on particular courses for admission. Admission to the student's preferred public postsecondary institution or program is not guaranteed.

UNF accepts the following Career Ladder programs:

- AS in Nursing to BSN in Nursing
- AS in Business Administration to BBA in Business Management
- AS in Criminal Justice Technology to BA in Criminal Justice

For additional state requirements and specifics regarding transferability of credits, read this FLDOE document.

Students wishing to apply to UNF under this agreement are subject to all admissions policies and procedures. To be eligible for consideration, applicants must meet admission requirements and all posted deadlines. Students contact UNF before applying through this agreement.

Interinstitutional Articulation Agreements

Partnership Agreements

- Florida State College at Jacksonville
- St Johns River State College
- Florida Gateway College
- Santa Fe State College

UNF has entered into collaborative blanket academic agreements with the aforementioned state colleges in the Northeast Florida catchment basin to broaden and detail AA degree partnerships under the jurisdiction of the Statewide 2+2 Agreement. UNF encourages and welcomes such agreements with all interested state colleges as an ongoing commitment to facilitating proactive and positive persistence for our shared students.

Program Specific Agreements

When there is interest from both parties, UNF welcomes and encourages program-specific AS and Specialized Admissions AA academic agreements with other institutions.

- St Johns River State College Honors Agreement
- Seminole State College Honors Agreement
- Daytona State College - AA to BS in Nutrition and Dietetics -Didactic Program in Dietetics

Dual Enrollment Agreements

UNF encourages and welcomes academic cooperation with school districts, private high schools, and home educated students in the North Florida catchment basin. These partnerships allow high school students the opportunity to take credit-bearing college level coursework prior to high school graduation as codified in Section 1007.271, Florida Statutes and Chapter 6A-14.064, Florida Administrative Code.

Before a public or private high school student can apply to take Dual Enrollment coursework, a district-level or private school-level blanket articulation agreement must be in place. Students wishing to apply must work with their school counselor for advisement and approval. Home education students are eligible to approach UNF directly in order to apply for dual enrollment.

Academic agreements are kept on file in the Office of Records and Registration.

Admissions - Graduate Students

Graduate Students

graduateschool@unf.edu

Permission to soar --granted.

At the University of North Florida, The Graduate School is your launchpad for big dreams and bold careers. Whether you're driven by discovery, innovation, or making an impact in your field, we're here to help you turn your goals into reality.

Dive into groundbreaking research, build high-level professional skills, and open doors to exciting career opportunities—all while studying in a supportive, dynamic academic environment.

Explore our wide array of graduate degrees and certificates across disciplines and colleges like our renowned Brooks College of Health, College of Arts and Sciences, Coggin College of Business, the Silverfield College of Education and Human Services, and the College of Computing, Engineering, and Construction.

Start your next chapter with us.

Find more information by visiting The Graduate School or contact our office directly at graduateschool@unf.edu.

Procedures

Admissions Procedures

Michele Moore, Dean, The Graduate School
Stephanie Urbas, Director, The Graduate School

Getting Admitted into UNF

The Application Procedure
We strongly encourage students to contact the graduate program director of the degree program in which you are interested.

All graduate applicants must complete and submit an online application and pay the non-refundable application fee of $30 by the deadline posted for the applicable term.

Transcripts from a U.S. institution accredited by an accepted institutional accreditor or its equivalent from a non-US institution that awarded the bachelor's degree and/or master's degree, and transcripts from institutions where any post-baccalaureate and/or graduate credits were earned are required. Arrange to have academic transcripts sent to The Graduate School. Official transcripts will be required for admitted students. Transcripts must be less than one year old from the date of printing. Transcripts should be sent to the Graduate School email address (graduateschool@unf.edu) or the following address:

The Graduate School
University of North Florida
1 UNF Drive Jacksonville, FL 32224

Some graduate program require the Graduate Record Exam (GRE) or the Graduate Management Admissions Test (GMAT). If required, arrange to have your official score report sent to The Graduate School at UNF. Please visit www.ets.org for more information regarding the GRE and the www.mba.com for additional information regarding the GMAT. UNF's institutional code is 5490 for the GRE and CF3QB-51 for the GMAT.

Upload all supporting documents through the application portal. Supporting documentation may include materials such as recommendation letters, personal statements, resumes, and writing samples.

All students attending Florida public universities are required to provide proof of immunization against rubeola (measles) and rubella (German measles) prior to the initial registration. This policy applies to students who attend classes taught on campus. Questions concerning this policy should be directed to the Student Health Services Office, Building 39A/Room 2100, (904) 620-2175.

The University reserves the right to review the case of any student who has been implicated in a criminal offense prior to admission to determine eligibility for admission and participation in extracurricular activities. At the time of application, students must disclose the final disposition of any past or pending judicial proceedings and submit any pertinent documentation.

Once the Graduate School has received an applicant's transcripts and test scores, the application will be referred to the appropriate graduate program director. The department will then review the application, make an admission decision, and notify The Graduate School. The Graduate School will send official admissions decisions through the applicant's application portal.

The University is committed to providing an inclusive and welcoming environment free from unlawful harassment, discrimination, and retaliation for all who interact in our community. In building this environment, we strive to attract students, faculty, and staff from a variety of cultures, abilities, backgrounds, and life experiences to achieve a diverse University Community. In furtherance of the University's diversity initiatives and focus on inclusiveness, it is expected that all who are a part of the University Community will appreciate and respect the dignity, individuality, and uniqueness of our community members.

Admissions - Graduate Students

Standard Admission Requirements

There are two sets of requirements: University admission requirements and the program-specific requirements for each UNF graduate program.

University Admission Requirements

1. All applicants are required to use our online system to create an account and submit an application. The application opens approximately one year in advance and is only good for the term and program in which it is submitted. Applicants who have submitted their application and would like to change their admission term or major/concentration may submit a new application and associated application fee.
2. A $30 (USD) graduate application fee is valid for up to three consecutive terms. If you've paid an application fee within that period and are submitting an application, contact the Graduate School to see if you're eligible for a fee waiver.
3. You may pay the fee when submitting your application or later through your Application Status Portal by clicking the Submit Payment link.
4. All applicants must provide transcripts from a U.S. institution accredited by an accepted institutional accreditor or its equivalent from a non-US institution that awarded the bachelor's degree and master's degree, if applicable, and transcripts from institutions where any post-baccalaureate and/or graduate credits were earned. All international transcripts will require a course-by-course evaluation by an approved third-party credential evaluation agency unless a graduate program has established an alternative credential evaluation procedure that is approved by the graduate school.
5. Applicants whose country's official native language is not English must meet English Language Proficiency requirements. Please visit UNF's Office of Admissions for specific requirements.

UNF Program-Specific Admission Requirements

Students may also be required to meet specific or more stringent requirements of the program to which they are seeking admission. Such requirements may include, but are not limited to:

- Standardized test scores
- Supplemental documents (i.e. letters of recommendation, resume, personal statement)
- Licensing

Please visit the Graduate School website for a list of programs and their specific requirements. Students should be aware that admission into any graduate program is granted on a competitive basis.

Decision Notification

All applicants who submit a complete application, including all required materials, will receive an admission decision—regardless of the outcome. Once a decision is made, it will be posted on the applicant status portal, and an email notification will be sent.

Please note that the timeline for decisions varies based on the program director or departmental committee's review process, if applicable.

International Graduate Student Admission

The University of North Florida, the Graduate School, and the International Center are pleased to welcome you. We recognize that international students, representing over 100 different countries, bring perspectives that enrich our campus. We are committed to offering you educational programs and experiences that will enhance your professional development.

Admission Requirements

- **Application Forms:** International students must complete an online application. Further information is available on The Graduate School website.
- **Application Deadlines:** Applicants should submit their completed application forms and all other required material well in advance of the semester they would like to start at UNF to ensure they are received before the deadline for international students, and these deadlines may be found online. The recommended deadline for international students for most programs are:
    - Fall - April 1
    - Spring - October 1
- **Application Fee:** The application fee is $30.00. The application fee must be in U.S. currency only (check or money order) drawn from a U.S. bank.
- **Academic Records and Credentials Evaluation:** Original transcripts from all institutions attended must be submitted directly from the foreign institutions to The Graduate School at UNF. All international transcripts must be in English and require a course-by-course evaluation by an approved third-party credential evaluation agency unless a graduate program has established an alternative credential evaluation procedure that is approved by The Graduate School. The evaluation agency must provide UNF with an original evaluation of all academic credentials. A list of acceptable evaluators can be found at the Florida Department of Education website.
- **GRE and GMAT Test Scores:**
  If required for the selected program, students must provide official scores from the appropriate test.
  Please note: It takes 3-4 weeks for official test scores to arrive at The Graduate School. These scores must be received before the posted application deadline.
  GRE Institution Code: 5490
  GMAT Institution Code: CF3QB51
  There are no departmental codes
- **English Proficiency:** Applicants from countries where the official language is not English must demonstrate proficiency in English. Visit the Methods of proving English proficiency website for more information.

Immigration Requirements

- **Certification of Finances:** The U.S. Department of Homeland Security requires UNF to ensure that international students have sufficient financial resources before issuing a Certificate of Eligibility (Form I-20). All applicants must complete and submit an Affidavit of Financial Support and Bank Certification. The Affidavit is a document signed by the applicant's sponsor (the person who will be providing the funds) stating the amount of funds that she/he will provide for the educational expenses of the student applicant. A bank official then certifies that the sponsor does have that amount of funds in his/her account. This form represents an obligation on the part of the sponsor to provide the required amount of funds as indicated on the form. Please see Estimated Costs of Attendance for International Students on the UNF website to determine the amount of funds needed to be written on the Affidavit.
- **Transfer Students:** All applicants intending to transfer from another U.S. university must notify their current school so that the U.S. Department of Homeland Security transfer requirements can be initiated. A new form I-20 from UNF cannot be issued until the current school "transfers out" the applicant to UNF in the SEVIS program.

Health Requirements

Before students can enroll in classes at UNF, they must supply the following health certifications. These certifications are not necessary to apply for admission to UNF. However, once admitted, it is necessary to register for classes.

- **Statement of Good Health:** This is on the Immunization Form (Student Health Services). See the Certification of Immunization listed below.
- **Certification of Health Insurance:** Students with an immigration status of F1 or J1, must show proof of health insurance before they can register. Students who have insurance coverage must have their insurance company fill out the "International Student Health Insurance Evaluation" form available from the UNF Office of Student Health Services web page. Students who do not have such insurance, can purchase insurance through the UNF Office of Student Health Services. Insurance coverage must include the full year, including annual breaks, regardless of the student's terms of enrollment. The policy must provide continuous coverage for the entire period the insured is enrolled as an eligible student. Payment of benefits must be renewable.
- **Certification of Immunization:** All students born after 1956 must meet immunization requirements of two doses of Measles and one dose of Rubella. Please refer to the "Immunization Documentation" form. This form is available on the UNF Office of Student Health Services web page.

All new matriculating students must provide documentation of vaccinations against meningococcal meningitis and hepatitis B or provide a signed waiver for each declined vaccination. All new matriculating students 18 or older who choose not to be vaccinated against either meningococcal meningitis or hepatitis B must sign a statement that they have been made aware of the potentially fatal nature of the diseases and chose not to be vaccinated. All new matriculating minor-age students must provide signed parental consent to opt out of vaccination for either of these diseases. See the Student Health Services section of this catalog for more information about these diseases. If you have questions, visit the Student Health Services website.

Admissions - Graduate Students

Graduate Student Admission Status Types

Master's & Doctoral Programs:

Full-time or Part-time: In most cases, but not all programs, a student may attend either full-time (nine or more hours per term) or part-time (less than nine hours per term).

Full Admission: Applicants who meet both the graduate admission requirements and those specific to the individual UNF graduate program are eligible to be fully accepted into the program.

Provisional Admission: Some programs have an exception policy and will provisionally accept applicants who do not meet the graduate admissions requirements. These applicants must meet the conditions stipulated by the graduate program by the end of the initial enrollment term. Such conditions might include, but are not limited to, successfully completing certain graduate courses. Applicants are encouraged to speak to the GraduateProgram Director of their intended program for specific information.

Graduate Pre-Requisites (Non-Degree)

This option is reserved for students who have earned a baccalaureate degree from an institution accredited by an accepted institutional accreditor and wish to take graduate level coursework, but are not admitted into a degree seeking graduate program. The Graduate Pre-requisites (non-degree) status does not automatically confer the right to take graduate courses. The person must receive prior approval and electronic permission from the director of the graduate program in which they wish to take courses.

Up to 12 hours of graduate course work taken in a Graduate Pre-requisites (non-degree) status may apply toward a UNF graduate degree if fully admitted to a graduate program.

Certificate Programs

Credit-bearing; graduate certificate programs are comprised of related courses that constitute a coherent body of study within a discipline. Students pursuing a graduate certificate will be required to meet the same academic requirements as those defined for degree-seeking students to remain in "good standing," as per UNF Policy 2.0400P. Successful completion of the graduate certificate program will be noted on the student's official transcript separately from his or her degree program.

Special Admission for Transient Students

Under certain circumstances students currently enrolled at other universities may enroll at UNF as transient students on a space-available basis.

A student in good standing at an approved institution may apply to UNF for one term to complete work, the credit for which will be transferred back to the student's home institution. Applicants must submit either an official transcript or a letter from their college or university's Registrar verifying their good standing. A transient enrollment form or other documentation may be required by the program in which the student seeks to take coursework. Please refer to the Graduate School website for further information.

Special Admission for Inter-Institutional Transient Students

A student in good standing at a school participating with UNF in various exchange programs or exchange agreements may apply to UNF for one term, or for the duration of a special program, to complete work the credit for which will be transferred back to the home institution. The student must be sponsored by his or her academic dean, who is responsible for arranging the student's visit with the UNF Registrar's Office and the appropriate college dean for the student's visit. The student will register at UNF and pay UNF tuition and registration fees.

The process is the same for UNF students seeking to attend other institutions for a single term or for the duration of a special program. UNF students must have the support of their academic dean, who is responsible for arranging their visits. UNF students will register and pay the tuition and fees of the institution they are visiting.

Readmission of Inactive Students

Students who have been accepted previously but have never enrolled or have not taken courses for one year (three consecutive terms, including summer) must apply for readmission to the Graduate School. They will be required to pay a new application fee and may be responsible for meeting any new general admissions requirements or program-specific requirements.

Admissions - Graduate Students

Transient Graduate

Transient Graduate Student Admission

Special Admission

Under certain circumstances, students currently enrolled at other universities may enroll at UNF as "transient students" on a space-available basis.

Special Admission for Transient Students

A student in good standing at an approved institution may apply to UNF for one term to complete work, the credit for which will be transferred back to the student's home institution. Applicants must submit either an official transcript or a letter from their college or university's Registrar verifying their good standing. A transient enrollment form or other documentation may be required by the program in which the student seeks to take coursework.

Special Admission for Inter-Institutional Transient Students

A student in good standing at a school participating with UNF in various exchange programs or exchange agreements may apply to UNF for one term, or for the duration of a special program, to complete work the credit for which will be transferred back to the home institution. The student must be sponsored by his or her academic dean, who is responsible for arranging the student's visit with the UNF Registrar's Office and the appropriate college dean. The student will register at UNF and pay UNF tuition and registration fees. The process is the same for UNF students seeking to attend other institutions for a single term or for the duration of a special program. UNF students must have the support of their academic dean, who is responsible for arranging their visits. UNF students will register at and pay the tuition and fees of the institution they are visiting.

View the University's policy on Transient Student Admissions.

Admissions - UG

Undergraduate and Post-baccalaureate Students



The information and procedures described in this section of the catalog pertain to Undergraduate Students, including the following student types:

- First Time in College Student (FTIC)- Freshman Admissions
- Transfer - Lower, Mid and Upper-level Admissions
- Non-Degree - Transient, Dual Enrollment, Learning for a Lifetime, and other non-degree statuses
- Post-Baccalaureate - Bachelor's degrees, certificate programs, and non-degree seeking

Foreign Language Requirement

By action of the Florida Legislature, undergraduate students who enter a state university in Florida are required to satisfy the foreign language admission requirement. This can be met via one of the following ways:

- Competency of foreign language or American Sign Language study equivalent to the second high school level or higher, or
- Successfully completing a post-secondary foreign language or American Sign Language elementary two course, or
- Proficiency through a satisfactory score on an approved foreign language examination as determined by the Articulation Coordinating Committee (ACC) Credit-by-Exam Equivalencies as adopted by the Board of Governors.

For more information, please consult the Department of Languages, Literatures and Cultures Getting Started website.

View the University's official regulation.

Admissions - UG

Int'l Students

International Student Requirements

In addition to meeting admission standards for their chosen program and major, international students seeking to study at the University of North Florida must satisfy the following requirements to be issued a Form I-20. Information related to the admission requirements for specific majors and programs may be found in the Undergraduate and Graduate areas of this catalog. For additional information, please contact the UNF International Center.

United States Immigration & Financial Requirements

1. Certification of Finances: The Department of Homeland Security requires UNF to ensure that international students have sufficient financial resources before issuing a Certificate of Eligibility (Form I-20). All applicants must complete and submit an Affidavit of Financial Support and Bank Certification. The Affidavit is a document signed by the applicant's sponsor (the person who will be providing the funds) stating the amount of funds that she/he will provide for the educational expenses of the student applicant. A bank official then certifies that the sponsor does have that amount of funds in his/her account. This form represents an obligation on the part of the sponsor to provide the required amount of funds as indicated on the form. Please see "Estimated Costs of Attendance for International Students" to determine the amount of funds needed to be written on the Affidavit.
2. Transfer Students: All applicants intending to transfer from another U.S. university must notify their current school so that the Department of Homeland Security transfer requirements can be initiated. A new form I-20 from UNF cannot be issued until the current school transfers the applicant to UNF in the SEVIS program.

Health Requirements

Before enrolling in classes at UNF, all admitted students must supply the following health certifications. These certifications are not necessary in order to apply for admission to UNF; however, they are necessary for admitted students to register for classes. Please visit the Medical Compliance Requirements section of the catalog and the Medical Compliance website for additional information.

1. Certification of Health Insurance: All students in an immigration status of F1 or J1 must show proof of health insurance before registering for classes. All international students are automatically enrolled in the UNF Health Insurance Plan. If you currently have alternative health insurance coverage, you may fill out the International Insurance Evaluation form available from the UNF Medical Compliance office.
2. Certification of Immunization: All students born after 1956 must meet immunization requirements of two doses of Measles and one dose of Rubella. All new matriculating students must provide documentation of vaccination against Meningococcal Meningitis and Hepatitis B unless the student has signed a waiver declining each of these vaccinations and acknowledging receipt and review of the University-provided information concerning Meningitis and Hepatitis B. Please refer to the Medical Compliance Immunization Form.

Admissions - UG

Special/Selective

Specialized & Selective Admission Programs

A number of UNF academic majors are specialized admission programs or have selective admission requirements. Admission to these programs is competitive and applicants to these programs must meet or exceed the admissions requirements established by the individual programs. The following programs are specialized admissions or require selective admissions procedures. Contact the specific departments or school listed for additional information.

Specialized Admissions Degree Programs

Brooks College of Health

- Nursing
- Additional information is available from the School of Nursing, Brooks College of Health.

College of Arts & Sciences

- Graphic Design (BFA)
- Additional information is available from the Department of Art & Design, College of Arts & Sciences.

- Music
- Jazz Studies, Music Education, and Music Performance: Additional information is available from the School of Music, College of Arts & Sciences.

- Social Work
  Additional information is available from the Department of Sociology, Anthropology and Social Work, College of Arts & Sciences.

Silverfield College of Education & Human Services

- Education
- Additional information is available from the Office of Academic Advising, Silverfield College of Education & Human Services.
- American Sign Language (ASL)/English Interpreting
  Additional information is available from the Office of Academic Advising, Silverfield College of Education & Human Services.

Selective Admissions Degree Programs

Brooks College of Health

- Kinesiology (formerly Exercise Science)

College of Arts & Sciences

- Biology
  Additional information is available from the Department of Biology, College of Arts & Sciences.

- Biomedical Sciences
  Additional information is available from the Department of Biology, College of Arts & Sciences.

- Interdisciplinary Studies
  Additional information is available from the Office of Academic Advising, College of Arts & Sciences.

College of Computing, Engineering and Construction

- Advanced Manufacturing
  Additional information is available from the School of Engineering.

- Civil Engineering
  Additional information is available from the School of Engineering.

- Electrical Engineering
  Additional information is available from the School of Engineering.

- Mechanical Engineering
  Additional information is available from the School of Engineering.

- Computing & Information Sciences
  Additional information is available from the School of Computing.

- Computer Science
  Additional information is available from the School of Computing.

- Information Science
  Additional information is available from the School of Computing.

- Information Systems
  Additional information is available from the School of Computing.

- Information Technology

Additional information is available from the School of Computing.

Admissions - UG

Non-Degree

Non-Degree Seeking and Special Status Students

Individuals may seek admission to UNF as a non-degree-seeking or special status student by submitting an application for admissions, all official college transcripts and a $30 application fee to the Office of Admissions by the appropriate deadline for the desired semester. Please note the following information about non-degree-seeking and special status students:

- No more than 12 undergraduate semester hours earned as a non-degree / special student may be transferred to a UNF undergraduate degree program. The transfer of any course(s) to a degree program earned while in a non-degree-seeking / special status must be approved by the dean or designee of the college administering the program.
- First-time-in-college freshmen are prohibited from enrolling as non-degree-seeking / special students.
- Students enrolled in a non-degree / special student status will register for classes on a space-available basis.
- Non-degree-seeking / special student status is not eligible to receive grants, scholarships, or financial aid.
- Successful completion of coursework in a non-degree or special student status does not guarantee admissions to a degree seeking program at the University.
- Certain courses may require permission from the instructor prior to registration.

View information on transient enrollment.

Admissions - UG

Transfer

Transfer Student Admission

Per Florida Board of Governors (BOG) Regulation 6.004, a transfer student has earned more than twelve (12) transferable semester hours after high school graduation but has not yet earned a bachelor's degree. Applicants who earned their Associate of Arts (A.A.) degree while in high school and have no other coursework after high school graduation are considered freshmen and must complete the freshman application. If an applicant who earned their A.A. degree while in high school cannot be admitted as a freshman, they will be offered the chance to be reconsidered as a junior-level transfer student.

Application requirements

The requirements stated below are the minimum standards for admission to UNF. Admission to some academic programs may include additional requirements. Visit the UNF Specialized & Selective for more information.

All documentation must be submitted to the Office of Admissions by the posted deadlines to be considered for admission to UNF. Only minimum requirements for admission are provided; satisfaction of these minimums does not guarantee admission.

All transcripts, test scores, and documentation of credit-earning mechanisms must be official, arriving at the Office of Admissions directly from the originating school or testing agency. Official documents are received directly from the awarding institution or delivered in their original, sealed envelope. All application materials must be received by the Office of Admissions by close of business on the deadline date to be considered complete. Incomplete applications will not be processed.

Lower-level (LL) transfer

Lower-level transfer applicants are defined as those with 12-29 transferable semester hours including in-progress coursework. Lower-level applicants must have a minimum cumulative college GPA of 2.25 or higher and a "good standing" status (eligible to return) at the most recent college attended.

- Online admission application
- $30 non-refundable application fee or application fee waiver
- Official final high school transcripts or G.E.D.
- Official transcripts from any credit-earning mechanisms
- CLT, SAT and/or ACT score reports
- Official transcripts from each post-secondary institution attended, including military and dual enrollment transcripts

Mid-level (ML) transfer

Mid-level transfer applicants are defined as those with 30-59 transferable semester hours including in-progress coursework. Mid-level transfer applicants may be considered for admission without meeting the incoming freshman requirements outlined in BOG Regulation 6.002.

Applicants must have earned at least 30 transferable semester hours including a "C" or higher in both English Composition and college-level mathematics or above, and a minimum cumulative college GPA of 2.25 or higher, and "good standing" status (eligible to return) at the most recent college attended.

- Online admission application
- $30 non-refundable application fee or application fee waiver
- Official, final high school transcripts (may be waived)
- Official transcripts from any credit-earning mechanisms
- CLT, SAT and/or ACT score reports (may be waived)
- Official transcripts from each post-secondary institution attended, including military and dual enrollment transcripts

Upper-level (UL) transfer

Upper-level transfer applicants are defined as those with 60 or more transferable semester hours including in-progress coursework. Upper-level applicants with an Associate of Arts (A.A) degree from a Florida College School or Florida State University must have a minimum cumulative college GPA of 2.00 (“C”) or higher and a “good standing” status (eligible to return) at the most recent college attended. All other upper-level applicants must have a minimum cumulative college GPA of 2.25 or higher and "good standing" status (eligible to return) at the most recent college attended. Additional documentation may be requested, and more requirements may exist for those applications applying to a Specialized & Selective admission program.

- Online admission application
- $30 non-refundable application fee or application fee waiver
- Official transcripts from any credit-earning mechanisms
- Official transcripts from each post-secondary institution attended, including military and dual enrollment transcripts

Admission application

Incoming transfer applicants may apply for entrance into the spring (January), summer (May or June), or fall (August) semesters. Applicants may apply for admission 9-10 months before their intended enrollment term. Applicants are required to submit an online application.

Application fee

A $30 non-refundable application fee is required. Acceptable payment methods include MasterCard, Discover, Visa, or American Express when the application is submitted, or personal check/money order made payable to UNF. Applicants who are Pell Grant eligible can submit the NACAC application fee waiver for transfer students.

High school transcripts

It is the applicant's responsibility to ensure that final, official high school transcripts are received by the Office of Admissions by the posted deadline. Florida public schools should send transcripts electronically via FASTER/SPEEDE, while private and non-Florida schools may mail transcripts to the Office of Admissions.

Applicants can submit the Self-Reported Transcript and Academic Record System (STARS – formerly known as SSAR), which allows students to enter all courses and associated grades that have been attempted, or will be attempted, for high school and/or college credits without requiring the submission of an official transcript to the university. All freshman applicants (except international students) should link their STARS to their application through their applicant portal. STARS linking steps and FAQs are available on the Office of Admissions STARS webpage.

The Office of Admissions will recalculate a grade point average (GPA) based on the following eighteen (18) academic credits in college preparatory courses. This computation does not recognize plus or minus grades. Additional weight is given to grades of "C" or higher earned in advanced honors, pre-AP/IB/AICE, dual enrollment, AP, IB, or AICE courses.

- Four (4) years of English
- Four (4) years of math (Algebra 1 or higher)
- Three (3) years of natural science
- Three (3) years of social science
- Two (2) sequential years of the same foreign language
- Two (2) academic electives (optional)

Applicants are required to submit final, official transcripts reflecting graduation from high school no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until final documents are received.

Post-secondary transcripts

It is the applicant's responsibility to ensure that an official transcript from every post-secondary institution they have attended is received by the Office of Admissions by the posted deadline. Transcripts for initial admissions consideration can have in progress (IP) coursework listed.

Florida College System (FCS) and State University System (SUS) schools should send transcripts electronically via FASTER/SPEEDE, while all other institutions may mail transcripts to the Office of Admissions. The Office of Admissions computes a grade point average (GPA) for each institution attended, as well as a cumulative GPA on all college courses attempted. This computation does recognize plus or minus grades.

Applicants are required to submit final official transcripts from all post-secondary institutions attended no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until the final documents are received.

Transcripts from credit-earning mechanisms

If coursework has been completed through any credit-earning mechanism at the time of admission, then applicants must submit official transcripts/score reports to complete their applications before the appropriate deadline date. Incomplete applications will not be processed. Credit-earning mechanisms include but are not limited to International Baccalaureate (IB), Advanced Placement (AP), Advanced International Certificate of Education (AICE), College Level Exam Program (CLEP), Defense Activity for Non-Traditional Education (DANTES), or military SMART/Joint transcripts.

Applicants are required to submit final, official transcripts from all required credit-earning mechanisms no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until the final documents are received.

CLT, SAT and/or ACT score reports

UNF requires all applicants for lower-level and some mid-level transfer admission to submit either CLT, SAT or ACT scores.

To have SAT or ACT scores sent to the University of North Florida, contact College Board at www.collegeboard.org or (866) 630-9305. To have ACT scores sent, contact American College Testing Program at www.act.org or (319) 337-1313. To have CLT scores sent, upload a copy through your applicant portal or have CLT send a copy to electronicprocessing@unf.edu. UNF's SAT code is 5490 and its ACT code is 0711.

The first administration of the Redesigned SAT was in March 2016. UNF will accept scores for both versions of the SAT exam for all future terms: those exams taken before March 2016 and those taken after that date. We will continue to use your highest sub-score from all tests (also known as your superscore) for both admission and scholarship decisions. We will only superscore on the same version of the exam; we will not mix scores from the two versions.

To expedite the review of their admissions application, applicants can self-report their test scores at applynow.unf.edu/apply/status. Official test scores will still be required no later than 30 days after the start of the term to which they have been admitted.

Home school and G.E.D. students

Home school students applying for lower-level or mid-level transfer admission must submit transcripts indicating course title, semester, grade, and awarded credit for all academic courses. Please see the UNF Home School Transcript Form for guidance or a template. Official CLT, SAT and/or ACT scores and official transcripts from accelerated mechanisms are also required.

Lower-level or mid-level applicants who received a G.E.D. must submit evidence of passing scores on the subtests of the G.E.D. exams and a G.E.D. diploma, in addition to official CLT, SAT, or ACT score reports.

Decision notification process

When an application for admission is approved, the university will send a notice of admission for a specific term. All applicants are emailed an official notification. Periodically, e-mails are sent to applicants about missing application documents. Please check your Applicant Status Portal frequently to ensure that all official application documents are received.

All offers of admission are tentative and will remain so until the Office of Admissions receives and reviews final transcripts and credentials. Applicants who are admitted conditionally may enroll, subject to verification of satisfaction of all conditions of admission. Admission offers will be revoked if final coursework/credentials do not meet admission requirements.

Appeals Process

An applicant who is denied admission to UNF for academic reasons has the right to appeal that decision. Applicants who choose to appeal must submit a letter of appeal and supporting documentation detailing why the application should be reviewed. Supporting documentation that substantiates the appeal may be sent to the address below:

Admissions Office at the University of North Florida
c/o Transfer Student Services
1 UNF Drive
Jacksonville, FL 32224

Examples of supporting documentation include:

- Updated high school transcripts showing improved academic performance
- Improved CLT, SAT or ACT scores sent directly from the testing agency
- If applicable, post-secondary transcripts showing satisfactory or improved college coursework or
- Documentation to support situations that are out of the student's control, if applicable.

Applicants who wish to appeal based on a disability may submit documentation verifying the disability along with the letter of appeal. If applicable, we recommend that updated transcripts and/or new test scores are included.

Please note that there is no guarantee an appeal decision will result in admission to the University. The likelihood of a decision being reversed on an appeal is low.

View the University's current official policy.

Transfer Student Resources

- University's Official Regulation
- Transfer Student Bill of Rights
- State Foreign Language Requirement
- Transfer Credits

View the University's current official policy for undergraduate transfer student admissions.

Admissions - UG

Post-Bacc

Post-Baccalaureate Students

A post-baccalaureate student is an individual who has earned a bachelor's degree at an institution of higher education that is accredited by an acceptable institutional accreditor and wishes to continue their education at the undergraduate level. Specific information regarding graduate students and graduate programs may be found on The Graduate School website.

Application requirements

The requirements stated below are the minimum standards for admission to UNF. Please be aware that admission to some academic programs may include additional requirements. For more information on admission to the academic program, visit the UNF Specialized/Selective Admission webpage.

Please submit the following materials to the Office of Admissions by the posted deadline to be considered for admission to UNF. Only minimum requirements for admission are provided; satisfaction of these minimums does not guarantee admission.

- Online admission application (see details below for which application to submit)
- $30 non-refundable application fee
- Official transcripts from each post-secondary institution attended, including military and dual enrollment transcripts
- Official transcripts from any credit-earning mechanisms

All transcripts, test scores, and documentation of credit-earning mechanisms must be official, arriving at the Office of Admissions directly from the originating school or testing agency. Official documents are received directly from the awarding institution or delivered in their original, sealed envelope. All application materials must be received by the Office of Admissions by close of business on the deadline date to be considered complete. Incomplete applications will not be processed.

Admission application

Incoming post-baccalaureate applicants may apply for entrance into the spring (January), summer (May or June), or fall (August) semesters. Applicants may apply for admission 9-10 months before their intended enrollment term. Applicants are required to submit an online application.

Post-baccalaureate students generally enroll in one of the following categories.

1. **Post-baccalaureate non-degree seeking**: In this status, post-baccalaureate students take undergraduate classes for enrichment or as prerequisites. Non-degree seeking students are not eligible to receive grants, scholarships, or financial aid.
2. **Post-baccalaureate degree-seeking**: In this status, post-baccalaureate students must have a declared major different from the major in which they have already earned a degree. Students in this status may apply for grants, scholarships, and financial aid.
3. **Post-baccalaureate certificate-only**: In this status, post-baccalaureate students may register for classes leading to a specific certificate or another non-degree credential. Students in this status are not eligible for financial aid, except for those students pursuing their initial professional teacher certification in Florida.
4. **Post-baccalaureate for graduate prerequisites**: This status is reserved for students who have earned a baccalaureate degree and who wish to take graduate-level coursework but who are not admitted into a degree-seeking graduate program. Permission from the Graduate Program Director in the appropriate area is required. Students in this status are not eligible for financial aid. Generally speaking, and at the discretion of the graduate program, a maximum of twelve graduate semester credit hours earned in a post-baccalaureate graduate non-degree status may transfer into a graduate degree program. Additional information is available from The Graduate School.

Application fee

A $30 non-refundable application fee is required. Acceptable payment methods include MasterCard, Discover, Visa, or American Express when the online application is submitted, or personal check/money order made payable to UNF.

Post-secondary transcripts

It is the applicant's responsibility to ensure that an official transcript from every post-secondary institution they have attended has been received by the Office of Admissions by the deadline. Transcripts for initial admissions consideration can have in progress (IP) coursework listed.

Florida College System (FCS) and State University System (SUS) schools should send transcripts electronically via FASTER/SPEEDE, while all other institutions may mail transcripts to the Office of Admissions. The Office of Admissions computes a grade point average (GPA) for each institution attended, as well as a cumulative GPA on all college courses attempted. This computation does recognize plus or minus grades.

Applicants are required to submit final official transcripts from all post-secondary institutions attended no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until the final documents are received.

Transcripts from credit-earning mechanisms

If coursework has been completed through any credit-earning mechanism at the time of application, then applicants must submit official transcripts/score reports to complete their applications before the appropriate deadline date. Credit-earning mechanisms include but are not limited to International Baccalaureate (IB), Advanced Placement (AP), Advanced International Certificate of Education (AICE) College Level Exam Program (CLEP), Excelsior College and UEXCEL Exams, Defense Activity for Non-Traditional Education (DANTES), or military SMART/Joint transcripts.

Applicants are required to submit final, official transcripts from all required credit-earning mechanisms no later than 30 days after the start of the term to which they have been admitted. Failure to do so will result in a registration hold being placed on their account until the final documents are received.

Decision notification process

When an application for admission is approved, the university will send a notice of admission for a specific term. All applicants are emailed an official notification. Periodically, e-mails are sent to applicants about missing application documents. Please check your Applicant Status Portal frequently to ensure that all official application documents are received.

All offers of admission are tentative and will remain so until the Office of Admissions receives and reviews final transcripts and credentials. Applicants who are admitted conditionally may enroll, subject to verification of satisfaction of all conditions of admission. Admission offers will be revoked if final coursework/credentials do not meet admission requirements.

Appeals process

An applicant who is denied admission to UNF has a right to appeal that decision. If he or she chooses to appeal, the applicant must submit the appeal form and supporting documentation detailing the reasons the application should be reviewed. Supporting documentation that substantiates the appeal may be sent to the address below:

Admissions Office at the University of North Florida
c/o The Director of Undergraduate Admissions
1 UNF Drive
Jacksonville, FL 32224

Examples of supporting documentation include:

- Post-secondary transcripts showing satisfactory or improved college coursework or
- Documentation to support situations that are out of the student's control, if applicable.

Applicants who wish to appeal based on a disability may submit documentation verifying the disability along with the letter of appeal. If applicable, we recommend that updated transcripts or new test scores are included.

Please note that there is no guarantee an appeal decision will result in admission to the University of North Florida. The likelihood of a decision being reversed on an appeal is low.

View the University's current official policy.

Freshman Housing

The University of North Florida is committed to ensuring the academic and personal success of its students. In working to fulfill this commitment, we have learned that living in on-campus housing can make a world of difference in what our students take away from their college experience and in their success rates. The benefits of living on campus are especially significant for students who have just graduated from high school and are attending their first year of college. Research tells us that those students who live on campus during their first year

- make a smoother transition from high school to college,
- have higher retention and graduation rates
- report greater satisfaction with their college experience, and
- make better use of the educational and support services provided by their universities.

For these reasons, UNF encourages, but does not require, freshman to live on campus. We believe it is to the student's benefit to live with us on campus and experience living close to his or her classes, professors, academic success programs, the library, friends and a range of out-of-the-classroom activities.

To help build a solid social foundation, first-time-in-college students who are living on campus in our residence halls must also purchase a meal membership from UNF Dining Services. Meal memberships vary in price and quantity (number of meals per week), allowing options for differing schedules and budgets. However, students who do not choose a meal membership will have the 14-meal plan assessed for them about three weeks before the start of the term. Payment will be due at the start of the term and there is no deposit required.

Overview - Advising

Academic Advising

Mission

The mission of Undergraduate Studies Academic Advising is to create a welcoming environment where students engage in the advising process with their assigned academic advisor. Advisor and student partner together to assist the student in setting and achieving their intellectual and personal goals. The Undergraduate Studies Advising team strives to provide an inclusive environment whereby all students are enabled to make informed decisions regarding educational and career plans that are consistent with their values, interests, and abilities. Advisors provide students with tools and resources that empower them in becoming lifelong learners.

Advising Philosophy

The Undergraduate Studies Advising team strives to guide students towards their academic goals by providing information, references, and advice. Academic advisors are a resource to enable students to find success with the student having the ultimate responsibility for making the best academic decisions for their path forward.



Goals of Advising

The Undergraduate Studies Academic Advising team respects and supports the institution's vision, mission, and goals, recognizing the shared responsibility of the university community to accomplish these goals.

1. Ensure that students have access to knowledgeable and informed advisors in a supportive and open environment with care and respect.
2. Mentor students as they explore and clarify their educational, career, and life goals.
3. Develop educational and career plans consistent with student values, interests, and abilities.
4. Provide accurate information about educational opportunities, requirements, policies, and procedures.
5. Educate students on appropriate support services to meet individual needs.
6. Educate students on transformational learning opportunities such as internships, research, and study abroad.

Advisor Responsibilities

To support the core values of the UNF advising program, advisors will:

- Participate in ongoing professional development and advising education.
- Access technology that supports and enhances their ability to work with students.
- Be attentive and respectful in their interactions with students.
- Promote intentional programs for new students that introduce them to opportunities for intellectual and personal growth.
- Foster and support relationships
- Continually support students in their pursuit of meaningful university experiences and progress toward achievement of individual educational goals.
- Establish a positive working relationship with students through using effective communication styles.
- Assist students in making connections between their interests and abilities and available educational programs.

- Promote connections between students and faculty.
- Promote an intentional decision-making process and demonstrate how students can effectively use it.
- Understand, adhere to, and effectively communicate their understanding of university requirements, policies, and procedures.
- Demonstrate knowledge of university resources and make appropriate referrals.
- Demonstrate knowledge of student development theory as it applies to academic advising and student success.
- Develop and maintain relationships with relevant campus offices which support student success.
- Demonstrate knowledge of high impact practices and advise students of these opportunities on and off campus.
- Maintain confidentiality and uphold FERPA Regulations.

Advisee Responsibilities

*Note: Students newly admitted to UNF or their academic college and major must meet with their academic advisor within the first semester.

To achieve your ultimate academic goal, you will...

- Prepare to visit your advisor by scheduling appointments and/or coming to walk-in advising early in the semester.
- Arrive early to your appointment and be prepared with all required materials.
- Be knowledgeable of your academic progress and status including grades, GPA, academic history, academic schedule and standing.
- Clarify personal values and goals and provide the advisor with accurate information regarding your interests and abilities.
- Learn and comprehend campus policies, procedures, and requirements for graduation.
- Check your University of North Florida e-mail daily and reply or respond as required.
- Conduct yourself in a manner that is professional and respectful to others.

Overview - Advising

First-Year Advising

First-Year Academic Advising

The First-Year Advising Office provides professional academic advising for students transitioning to college from high school as first year students as well as freshmen transfer students and students exploring majors. First-Time-In-College (FTIC) students attend New Student Orientation prior to enrolling in their first term at UNF.

Students meet with advisors at New Student Orientation or during their initial advising visit. After orientation students are assigned an advisor who will partner with them in the onboarding process, exploring majors and progressing through their academic path to graduation.

First Year Advising supports students encountering academic difficulty through the Soaring to Success academic probation program. Advisors also contact students struggling with course content early in their semester as indicated through the mid-term grade report.

Visit the First-Year Advising Office website for additional information. Meet the staff and stay informed on academic policies, updates and academic information in general.

Overview - Advising

Undergraduate Advising

Undergraduate Academic Advising

The Undergraduate Studies (UGS) Academic Advising Division is here to help as you pursue your goals of academic success. Academic advisors will assist you in making informed decisions about selecting a major and defining a path toward earning your degree. Advisors can assist you in building your class schedule, help you complete required forms and point you toward the resources you'll need to graduate on time and move forward to professional success.

Students admitted as First Time in College (FTIC) students or are transferring in with less than 30 credit hours will begin their advising journey through First-Year Advising (FYA). This relationship starts at New Student Orientation and continues as the student successfully transitions through their first year. Incoming freshman with accelerated credit such as Advanced Placement (AP), International Baccalaureate (IB), CLEP, Dual Enrollment, including students who earn their AA degree while completing high school, will have an assigned FYA advisor as well as an advisor in the college of their major. Students will transition to their UGS college advising office at the completion of earning 30 credit hour and being in good academic standing. Students choosing to continue their major exploration or who are not eligible to transition will continue to be advised by their assigned FYA advisor.

Transfer students admitted with a declared major and 30 hours or more of transfer coursework will be advised by their UGS college advising office. Exploring or undecided transfer students with 30 hours or more of transfer work will begin their academic advising FYA until they are eligible to transition to their UGS college academic advising unit.

Contact information for UGS academic advising offices:

- Brooks College of Health: (904) 620-2812
- Coggin College of Business: (904) 620-2575
- College of Arts & Sciences: (904) 620-2797
- College of Computing, Engineering and Construction: (904) 620-7836
- Silverfield College of Education and Human Services: (904) 620-3934
- First-Year Advising (904) 620-1012

Overview - Advising

Honors Advising

Honors Academic Advising

Hicks Honors College students are assigned an academic advisor through Undergraduate Studies First-Year Advising. These advisors provide individualized guidance on the Hicks Honors program requirements and course-specific curriculum information. Honors advisors are located in Building 2/Room 1200 in the Undergraduate Studies office.

Once students reach 30 credit hours, they will also work with an advisor in their major. Honors college students can access their assigned advisor's appointment schedule through their MyWings Portal.

In addition, students are automatically enrolled in the Hicks Honors College Symposium, a non-credit advising tool on Canvas that helps students to connect with opportunities, customize their experience, and track their completion of the Honors program requirements. More information is available via the **Academic Advising website**.

ExpLearn: Community-Based Learning Courses



Community-based learning (CBL) is one of seven recognized experiential learning categories at UNF. CBL refers to intentionally designed, coordinated, and executed learning experiences in community-based settings that enhance participants' academic learning, contribute to their personal growth, and increase their civic engagement while concurrently benefiting the communities in which these activities are embedded.

Students will find a variety of CBL courses across almost every discipline and major. At UNF, there are 3 categories that describe the CBL activities students may experience through courses:

- Outreach and Volunteering
- Community-Based Immersion
- Community-Based Instruction

Visit the Office of Experiential Learning website to get additional information about community-based learning, examples of CBL and various campus resources.

Federal Work Study at UNF

Federal Work Study at UNF

Federal Work Study (FWS) is a need-based federally-funded part-time employment program which allows eligible students to earn money to help pay for education expenses. Undergraduate, post-baccalaureate and doctoral students are eligible to participate in Federal Work Study at UNF. Eligible graduate students may participate in community service Federal Work Study positions. Students must complete the Free Application for Federal Student Aid (FAFSA) each year to be considered for federal financial aid, including FWS. You may email fws@unf.edu from your secure UNF email account and ask to be evaluated for the fall and/or spring terms. Federal Work Study awarding starts after the end of the add/drop period each term. FWS funding is not available during the summer term.

Obtaining a Work-Study Job

Once students have received a FWS Email of Eligibility, they may search available job postings using the position type "Federal Work Study." Departments will arrange interviews and if hired, the supervisor will work with Human Resources and the Office of Student Financial Aid to onboard the students. Please email fws@unf.edu for assistance.

Students are limited to 20 hours per week and 40 hours per pay period. Although FWS cannot pay for any hours worked beyond these approved limits, there are some community service positions that allow for additional hours. Students may only earn up to their posted FWS award for the term.

FWS funds are not available to defer or pay a student's tuition, fees, housing or meal membership charges directly. Federal Work Study students are paid according to the UNF bi-weekly payroll schedule based on the hours worked during the pay period.

FICA Exemption

Federal Work-Study employees are eligible for the FICA exemption. Student employees who qualify for this exemption will not have Social Security or Medicare taxes deducted from their paychecks. Federal Income Tax withholding will still be deducted from a Federal Work-Study employee's paycheck.

Florida Residency

Florida Residency for Tuition Purposes



In the determination of an applicant's resident status for tuition purposes, it is the policy of the University of North Florida to follow laws of the state of Florida, as well as regulations and policy guidelines established by the Florida Board of Governors. The policy on residency status for tuition purposes as adopted by the University of North Florida is subject to Florida Statute 1009.21 and the Florida Board of Governors Regulation 7.005.

Residency for tuition purposes refers to whether students qualify for in-state Florida resident tuition rates or out-of-state resident tuition rates. It is the responsibility of students and applicants (not the University) to complete the Residency Declaration in their myWings Student Portal and submit all required documentation to prove they are eligible for in-state tuition rates regardless of the duration of their presence in Florida. Incomplete, unsigned or blank forms will result in the classification of "Non-Florida Resident" status for tuition purposes until the documentation has been provided, reviewed and approved by the Enrollment Services Processing Office.

Students who are not United States Citizens must provide appropriate documentation from Immigration and Naturalization Services that designates their status while living in the United States. Resident alien cards (green cards), employment authorization cards or eligible visa types must be submitted after admission to the University. All documentation must be valid through the term of entry to be considered. Applicants with expired paperwork must work with the Office of Immigration and Naturalization Services to obtain updated documentation. All students who were previously classified as non-U.S. citizens and are now returning as U.S. citizens must submit updated documentation.

The deadline for applying for a change in residency status, including receipt of all documentation, is the business day before the start of the term. Term start dates can be viewed on the UNF Academic Calendar. Additional information may be requested by the University. The submission of requested documentation does not guarantee Florida residency status.

The Enrollment Services Processing Office determines residency statuses for undergraduate and graduate students prior to their first term of enrollment. Further information on residency is located on the UNF Residency Processing website. Students who would like Florida residency classification after their first term of enrollment should refer to the Residency Reclassification subsection.

To appeal a residency decision, a student must complete the Enrollment Services Appeal form located in their myWings Student Portal. The appeal form and required documentation must be submitted no later than the last day of the current term for which the appeal is to be effective. The appeal is reviewed by the Residency Appeals Committee. The Residency Appeals Committee decision constitutes the final decision of the University of North Florida for that term. A student may seek judicial review of this final University decision under Section 120.38, Florida Statutes.

View the University's current official residency classification policy.

Florida Residency

Reclassification of Residency Status

Reclassification of Residency Status

In the determination of residency reclassification requests, it is the policy of the University of North Florida to follow laws of the state of Florida, as well as regulations and policy guidelines established by the Florida Board of Governors. The policy on residency reclassification for tuition purposes as adopted by UNF is subject to Florida Statute 1009.21 and the Florida Board of Governors Resolution.

Students must submit proper documentation before being reclassified as a Florida resident for tuition purposes. All requests for change of residency from undergraduate students with supporting documentation should be submitted to One-Stop Student Services within the deadline period noted in the Academic Calendar. All requests for change of residency from graduate students, along with supporting documentation, should be submitted to The Graduate School before the deadline noted in the Academic Calendar. Requests will be reviewed and approved if documentation meets state of Florida residency reclassification requirements. If the reclassification request is denied, the student may file an Enrollment Services Appeal, via myWings, for review by the Residency Appeals Committee. Students must provide copies of all documentation with their appeals. Students will be notified by email to their UNF myWings email account of the final reclassification decision.

For the most current, comprehensive guideline to residency documentation requirements and regulations, visit the "Residency Guidelines" section at www.floridashines.org. For information regarding the procedures by which the documents are processed at the University of North Florida, please visit our residency reclassification website.

Honors in the Major

Brooks College of Health

- Honors in the Major Exercise Science
- Honors in the Major Nursing

Coggin College of Business

- Honors in the Major Accounting
- Honors in the Major Business Management
- Honors in the Major Economics
- Honors in the Major International Business
- Honors in the Major Marketing
- Honors in the Major Transportation and Logistics

College of Arts and Sciences

- Honors in the Major Art History
- Honors in the Major Biology
- Honors in the Major Chemistry
- Honors in the Major Criminal Justice
- Honors in the Major English
- Honors in the Major History
- Honors in the Major Interdisciplinary Studies
- Honors in the Major International Studies
- Honors in the Major Mass Communication
- Honors in the Major Mathematics
- Honors in the Major Philosophy
- Honors in the Major Physics
- Honors in the Major Psychology
- Honors in the Major Spanish
- Honors in the Major Statistics

College of Computing, Engineering and Construction

- Honors in the Major Computing

Silverfield College of Education and Human Service

- Honors in the Major Early Childhood
- Honors in the Major Elementary Education (K-6)
- Honors in the Major Secondary Education
- Honors in the Major Sport Management

Osprey 1 Card

Osprey 1 Card



The Osprey 1Card is the official identification card of the University of North Florida. Issued to all members of our community, it is required for identification, access to essential campus services, housing room access and offers prepaid convenient accounts for making purchases on campus.

Your Osprey 1 Card is THE most important card that you will have at the University of North Florida - vital for accessing campus services. Please carry your card with you at all times. To ensure durability and validity, do not tamper with, punch holes in, or misuse the card, and protect it from damage by avoiding magnets.

For more information, visit the Osprey 1Card Office website or visit us in person.

Osprey 1 Card Office

Building 8, 1st floor, Room 1100
Monday - Friday 8:00 am - 5:00 pm

Student Academic Success Services (SASS)

Student Academic Success Services



Student Academic Success Services (SASS), a division of Student Success, provides a variety of academic and co-curricular support to UNF students including peer tutoring, Supplemental Instruction, academic coaching, and other peer assisted programming. SASS collaborates with faculty and staff across campus to create resources designed to help undergraduate students achieve their academic goals.

- **Supplemental Instruction** --Supplemental Instruction is a weekly review program designed to help students succeed in historically difficult courses. The program provides study sessions led by students who have successfully completed the course and are eager to help their peers succeed. Students learn how to integrate course content and study skills while working together.
- **Tutoring** - Over 350 hours of peer tutoring are available each week in various locations throughout campus, including the library, housing, and the Undergraduate Studies office.
- **Academic Coaching & Workshops** - Student Academic Success Services offers one-on-one academic coaching appointments on a variety of topics including time management, study skills, public speaking, and preparing for finals.
- **Peer-Assistance Student Success (PASS)** - Advocates advance student persistence through initiatives targeted at retention, timely progression, and graduation. The program provides additional support to students who may be facing academic or institutional challenges by addressing both individual and systemic needs. Advocates work with students, instructors, and staff to develop action plans that drive success.

Please visit the S**tudent Academic Success Services website** for more information.

Military and Veterans Resource Center

VA Programs, Eligibility and Benefits

The Military and Veterans Resource Center (MVRC) acts as a liaison with the Department of Veterans Affairs Education Office in Muskogee, Oklahoma. Committed to providing direct assistance to veterans and the dependents of veterans with the application and certification process, the primary goal is the initiation and assured continuation of education benefits. The MVRC is available to provide supportive services to veterans, dependents, National Guard, reservists, and active duty enrolled at UNF. Any questions regarding eligibility should be directed to the VA Regional Processing Office at 1-888-GI-BILL-1. All degree programs at UNF are approved for VA purposes by the State Approving Agency for Veterans Education Benefits, however, certificate programs vary. Any questions concerning education benefits should be referred to the MVRC at (904) 620-5131 or by emailing mvrc@unf.edu. Students should expect a possible delay of up to 60 days for receipt of benefits during their first term at UNF to allow for processing of forms at the regional level.

To determine the total cost of attendance for your program of study, visit the UNF Military and Veterans Resource Center FAQ website.

In addition, please visit UNF's College Navigator site for an estimate prior to application. These figures are projected estimates based on current tuition/fee rates. Total program cost may be estimated by multiplying the annual cost estimate by the number of years in the academic program. Actual total program cost is subject to change based on a number of factors such as tuition/fee rates set by the Florida legislature, Florida Board of Governors or UNF Board of Trustees and future aid eligibility. Because UNF

cannot account for every unforeseen variable that may affect total program cost, an individual's actual total program cost may be lower or higher. UNF will keep the total program costs estimates up-to-date based on the most recent information available. Once you have applied to UNF you will receive a personalized College Financing Plan in your myWings account to help simplify information about costs and financial aid and make decisions about your postsecondary education.

Applying for Benefits

Students may apply for education benefits through the Department of Veterans Affairs online application, located at https://www.va.gov/education/how-to-apply/. Students without the capability to apply online can call 1-888-GI-BILL-1 to have a form mailed.

Recommended schedule for the submission of forms:

- First application 10 weeks before semester
- Transfer from out-of-state 10 weeks before semester
- Transfer from school in Florida 6 weeks before semester
- Return to UNF after two semester absence 6 weeks before semester.

Students who plan to attend UNF under any of the veterans training programs must contact the MVRC to establish initial certification. In subsequent semesters, the VA Certifying Official will automatically certify enrollment for courses appearing on the Veterans Education recipient's UNF Degree Evaluation. Students must see the VA Certifying Official to opt out of automatic certification for any given semester or course.

Benefit Chapters

- **Chapter 30 - Montgomery G.I. Bill®**: For veterans who served on active duty after June 30, 1985, those who remained eligible under the Vietnam Era G.I. Bill®, and those who switched from VEAP before being involuntarily separated after February 2, 1991. For more information visit the Veterans Affairs website, located at https://www.va.gov/education/about-gi-bill-benefits/montgomery-active-duty/. Student is responsible to pay tuition and fees to the school by the payment deadline. VA will pay a monthly subsistence allowance to the student based on certified hours of enrollment.

- **Chapter 31 - Vocational Rehabilitation:** For veterans with a service-connected disability. A service-connected disability rating as determined by the Vocational Rehabilitation & Employment (VR&E) Service is required and determines eligibility for this benefit. For more information visit the Veterans Affairs website, located at https://www.benefits.va.gov/vocrehab/index.asp. VA will pay tuition and fees, and other costs on a case by case basis, directly to UNF. VA will also pay a monthly subsistence allowance to the student based on actual enrollment.

- **Chapter 33 - Post 9/11 G.I. Bill**: For individuals with at least 90 days of aggregate service after September 11, 2001, or individuals discharged with a service-connected disability with at least 30 days. You must have received an honorable discharge to be eligible for the Post 9/11 G.I. Bill®. For more information visit the Veterans Affairs website, located at https://www.va.gov/education/about-gi-bill-benefits/post-9-11/. VA will pay tuition and fees not to exceed the maximum in-state rate at a public institution, prorated based on benefit level and actual hours of enrollment. VA will pay a monthly subsistence allowance and an annual books and supplies stipend to students enrolled more than half-time, prorated based on benefit level.

- **Chapter 35 - Dependents Educational Assistance Program**: Spouse and/or child of a veteran with permanent and total service-connected disability; or whose death was service connected; or who died of any cause while rated as having a permanent and total service-connected disability. For more information visit the Veterans Affairs website, located at https://www.va.gov/education/survivor-dependent-benefits/dependents-education-assistance/. Student is responsible to pay tuition and fees to the school by the payment deadline. VA will pay a monthly subsistence allowance to the student based on certified hours of enrollment.

- **Chapter 1606 - Montgomery G.I. Bill Selected Reserve**: For members of the Selected Reserve. The Selected Reserve includes the Army Reserve, Navy Reserve, Air Force Reserve, Marine Corps Reserve, and Coast Guard Reserve, the Army National Guard and the Air National Guard. For more information visit the Veterans Affairs website, located at https://www.va.gov/education/about-gi-bill-benefits/montgomery-selected-reserve/. Student is responsible to pay tuition and fees to the school by the payment deadline. VA will pay a monthly subsistence allowance to the student based on certified hours of enrollment.

VA Certification of Enrollment

VA Certification of Enrollment

The Veterans Affairs Certifying Official will certify school attendance for students utilizing VA benefits to the appropriate Veterans Administration Regional Processing Office.

Undergraduate/Graduate Training Time Definitions - For a Standard Term

TIME TYPE	UNDERGRADUATE	GRADUATE
Full Time	12 or more hours	9 or more hours
Three-Quarter Time	9-11	7-8
Half Time	6-8	4 -6
Less than Half Time/More than One-Quarter Time	4-5	
One-Quarter Time	1-3	1-3

To expedite processing of enrollment certification, students should request certification of their VA education benefits via the online form located within myWings. More information regarding student responsibilities is available online via the MVRC website.

To be eligible for benefits, military connected students must maintain the same academic and conduct standards expected of all UNF students. Students will be placed on unsatisfactory progress status and benefits will be suspended when both the cumulative and term grade point average fall below a satisfactory level during the term following probation status. Students should consult the Military and Veterans Resource Center (MVRC) for specific information about requirements for benefits. Contact the MVRC at (904) 620-5131 or by emailing mvrc@unf.edu.

The University of North Florida catalog outlines all majors available at UNF and the required courses for graduation in each. All courses must be selected directly from the degree evaluation/program of study as it appears in the catalog in effect at the time of your enrollment into the university. You will be certified only for those courses required for your degree. You are required to meet with an Academic Advisor in your college to establish a Degree Evaluation specific to your program and transferred credits.

VA Education Benefits and Course Delivery Methods

UNF courses may be delivered in a variety of modalities, from a traditional classroom setting (also referred to as face-to-face) to a fully online format, with many combinations in-between. The choice of delivery method is the purview of the college and department administration in collaboration with the faculty. Students using Post 9/11 G.I. Bill®, the Fry Scholarship or Vocational Readiness and Employment benefits must maintain at least one credit hour "in-residence" to avoid the reduced, online only rate for Monthly Housing Allowance (MHA). The delivery method (course modalities) can be found in the registration window by clicking into the course for further information. A course listed with the DL campus code may have a course modality of PO (primarily online) and thus be eligible for in-residence training. For more information, please contact the Military and Veterans Resource Center (MVRC) at (904) 620-5131 or by emailing mvrc@unf.edu.

Changes to your Record or Enrollment

All changes to your record or enrollment, after your initial application or certification, should be reported to the UNF Military and Veterans Resource and the Department of Veterans Affairs. Common changes include a change of address, change in major, change in credit hours, change in status of dependents, withdrawal from school, or anticipated change in place of training. All changes must be documented simultaneously with the VA and UNF. Contact the Military and Veterans Resource Center (MVRC) at (904) 620-5131 or by emailing mvrc@unf.edu.

Withdrawal for Military Service

Students who are called to active duty and unable to complete a semester may request a Military Withdrawals from registered courses due to military service. The grade on the transcript will be "WS" and a tuition refund is generated. A copy of the orders is required to receive a withdrawal for military service. Questions should be directed to the Registrar's Office.

VA Work-Study

Military connected students receiving VA education benefits, who are enrolled at least three-quarter training time can be eligible for VA Work-Study programs. If you are interested in these programs, contact the Military and Veterans Resource Center (MVRC) at (904) 620-5131 or by emailing mvrc@unf.edu.

Writing Program & Center

UNF Writing Program & Center

UNF's Department of English houses the Writing Program and Center (WPC). The WPC supports various writing interests and aims across the university and its fundamental pedagogical values center on concepts of care, consideration, confidence, and competence in the teaching and learning of writing.

Visit the Writing Program & Center website and explore how the program is integrated throughout various areas of your academic experience at UNF.

Honors Program Department

Hicks Honors College

The Hicks Honors College at the University of North Florida provides students an individualized, small college experience within a large university setting, creating and supporting extraordinary opportunities for talented, motivated students. Averaging around twenty students, Honors classes emphasize experiential learning in interdisciplinary settings. Our goal is to build a community of learners who have the power to take their knowledge outside the classroom, to apply it in the lab, in business, and in the public sphere, through research, internships, and servant leadership. The Hicks Honors College supports leadership and experiential learning opportunities through high-impact curriculum and scholarships and fellowships that fund study abroad, internships, and undergraduate research.

What does it mean to be a UNF Honors student? It means you are motivated to make the most of your time and talent. It means learning to think critically, exploring your interests, and building your resumé for grad school or a career while still in college. It means working with professors who know your name. It means traveling to other countries and learning to understand other cultures. It means being part of a tight-knit community of peers in which students from different backgrounds and majors communicate and collaborate, where future nurses and doctors, artists, engineers, musicians, teachers, lawyers, leaders, researchers, and entrepreneurs learn to work together, as they do in the real world. It means being supported by faculty who understand that the most meaningful education combines fundamental skills and knowledge with experiential learning and higher-order critical thinking. Our classes offer opportunities for real discussion, serious thought, hands-on projects, original research, and other activities that take learning beyond the classroom.

For more information on what it means to be a UNF Honors student, visit the Hicks Honors College website.

Admission to the Hicks Honors College

The Hicks Honors College has a holistic application. We consider academic ability and motivation, but also look at evidence of engagement—that is, meaningful involvement in activities outside of academics, such as community involvement, leadership, etc. We look closely at the self-assessment and essays portion of the application in order to get a sense of you as a person. We consider GPA and test scores, but only in conjunction with the other components of the application.

There is no absolute cutoff, but most often those who are accepted into the program have a weighted GPA of 4.0 or above. Though letters of recommendation are not required, they are often helpful in giving us other perspective(s) on your motivation, abilities, and accomplishments, so we encourage and welcome you to submit them (instructions are on the application form). If you need to have someone else submit them for confidentiality reasons, please asked for your letter(s) to be emailed to honors@unf.edu. The subject line of the email should contain your full name and make it clear that it is a letter of recommendation (or LOR).

Please note that you must be accepted to UNF before you can apply to the Hicks Honors College. In order to see more about the application process and start your application, go to https://www.unf.edu/hicks/apply-to-the-honors-college.html.
If you have any Honors admissions questions, please call (904) 620-2649 or e-mail honors@unf.edu.

Program Requirements

The Hicks Honors College curriculum is designed as a flexible, individualized program that offers access to small, supportive, and innovative classes that promote academic success and nourish intellectual growth and curiosity. Honors also creates and funds opportunities for experiential learning, including study abroad, undergraduate research, internships, and servant leadership, that help to develop the experience, the abilities, and the character necessary to succeed and lead in a competitive and uncertain world.

To complete the Honors program at UNF, graduates must:

1. Maintain and graduate with a UNF GPA of 3.2 or higher.
2. Complete First-Year Experience in Honors (FTICs only).
3. Complete Honors Foundations curriculum (up to 15 hours of Honors General Education and other Honors courses as required based on student credit hours at time of matriculation).
4. Complete annual Honors Symposium requirements, including reporting co-curricular and experiential learning activities.
5. Develop and complete Capstone project in consultation with faculty mentors no sooner than two years before graduation.

Courses

IDH1923 - Honors First Year Colloquium
IDH2406 - (H) Psychosocial Aspects of Violence
IDH2931 - Honors Special Topics
IDH2934 - (H) Honors Special Topics
IDH2935 - Honors Selected Topics
IDH3632 - (GW)(H) Service Learning: Environmental Issues
IDH3924 - Hicks Honors Pre-Capstone Symposium
IDH3930 - Interdisciplinary Honors Seminar: Topic
IDH3932 - Jr. Honors Interdisciplinary Seminar
IDH3936 - Honors Pre-Capstone Seminar
IDH4912 - Honors Directed Independent Study
IDH4937 - Honors Capstone Seminar
IDH4946 - Honors Internship

Institute of Environmental Research & Education Department

The Institute of Environmental Research and Education (IERE) is an interdisciplinary institute that serves students and faculty from all six UNF colleges. The mission of IERE is to provide opportunities for environmental research and education, by leading interdisciplinary programs that enhance the student experience, prepare students for the workforce and or graduate school, and increase environmental scholarship and innovation.

IERE offers a bachelor's degree in Environmental Science that promotes hands-on learning opportunities, where students can gain practical experience through fieldwork, lab research, and internships. The program is also comprised of expert faculty, where students can learn from experienced professors who are leaders in their fields.

Students choose one of two concentrations: (1) Environmental Natural Sciences or (2) Environmental Principles & Practices.

To learn more about the program and how to apply, visit the UNF IERE website.

Institute of Environmental Research and Education (IERE) Academic Policies

Transient or Concurrent Enrollment

Institute of Environmental Research and Education (IERE) students are eligible to earn credit at another accredited post-secondary institution for transfer into the Environmental Science BS degree program. Lower-level students can take up to 7 credits at another institution. Upper-level courses specific to the student's major must be approved by the program director. Students may NOT take courses at another institution in their final semester at UNF. IERE students who wish to take courses at another institution must receive permission from Academic Advising and complete the electronic transient form prior to the semester they wish to take the course.

Advising Requirement

Institute of Environmental Research and Education (IERE) students must meet with Academic Advising to review their degree evaluation upon admittance to the university or upon transferring to the major. Students will receive an email notification to set up a meeting with Academic Advising prior to registration and an advising hold will be placed on the students' account to ensure they meet with Advising in a timely manner.

Academic Standing- Probation and Suspension

Institute of Environmental Research and Education (IERE) students who meet the University's criteria for academic probation will have a registration hold placed on their account preventing future registrations until they meet with an Academic Advisor.

IERE students who meet the University's criteria for academic suspension will be placed on academic suspension and will not be allowed to enroll in courses for a period of one academic semester. IERE students who are suspended and desire to lift the suspension must submit an appeal to resume their program of study, which will be evaluated by the IERE Suspension Review Committee or Program Director.

Programs

Environmental Studies, Minor
Environmental Science, BS

Courses

EVR3008 - Environmental Foundations
EVR3083 - Environmental Professional Preparation
EVR3356 - Coastal Resilience and the Social and Behavioral Environment
EVR3905 - Environmental Independent Study
EVR3910 - Environmental Directed Independent Research
EVR4931 - Environmental Special Topics
EVR4940 - Environmental Internship
EVR4957 - Environmental Study Abroad
EVS3041 - Coastal Resilience and the Natural Environment
EVS3800 - Coastal Resilience and the Built Environment

Arts & Sciences Department

College of Arts and Sciences

College of Arts and Sciences
Location: Building 51, Room 3301
Phone: (904) 620-2560
Web Address: www.unf.edu/coas/

Dean's Office

Kaveri Subrahmanyam, Dean
Natasha Christie, Associate Dean for Student Learning
Lev Gasparov, Associate Dean for Faculty Advancement
Linda Howell, Director of General Education
McKenzie Bengry, Coordinator of Administration Services
Lamar Boyd, Coordinator of Administrative Services
Anne-Marie Campbell, Director of Development
Denise Clark, Data Analyst
Erin Duggan, COAS Retention
Jenna DuPilka, Assistant Director of Development
Stephen Fox, Scheduling Coordinator
Katie Haft, Associate Director of Operations
Chellie Jones-Harris, Administrative Assistant for Staff and Budget Support
Kate Ryan, Associate Director for Strategic Communications and Engagement

Vision

To be recognized as a preeminent liberal arts college within a thriving public university, which is situated in a dynamic urban and natural environment where:

- world-class faculty engage in groundbreaking researching and inspiring artistic activities;
- engaged students enjoy uncommon access to their educators and experience transformational learning; and
- talented, ethical citizens and future leaders have opportunities to establish their riles in energizing the region and the world.

Mission

The College of Arts and Sciences is the intellectual foundation of the University. We cultivate a cooperative community within and beyond our campus by building on the College's core values of creativity, empathy, openness, and rigorous inquiry. Our mission is to:

1. deliver a comprehensive and evidence-driven education that emphasizes active, independent thinking, encourages adaptive problem-solving, and installs ethical values;
2. generate innovative and interdisciplinary research and creative activities;
3. provide cultural enrichment and solutions for challenges faced by the communities we serve; and
4. foster curiosity and habits of lifelong learning and success.

Undergraduate Programs

The College of Arts and Sciences offers a comprehensive undergraduate curriculum spanning the arts, humanities, natural and social sciences, and interdisciplinary programs. Our diverse programs are designed to help students explore their passions and prepare them for successful careers. A grounding in the liberal arts equips them with the creativity, flexibility, and adaptability needed to navigate a rapidly changing world.

From research to study abroad, internships, artistic showcases, and performances, we provide a variety of opportunities for our students to apply classroom learning to real-world contexts, preparing them for successful careers in fields such as the arts, education, government, law, business, health, media, communication, and technology. Alumni from our college are key players and leaders in Jacksonville and surrounding Northeast Florida communities.

Graduate Programs

The College of Arts and Sciences offers some of the most venerable and well-established graduate programs in the University and takes great pride in helping our graduate students meet their personal and professional aspirations.

Master's degrees are available in the following fields: Biology, Criminal Justice, English, History, Materials Science and Engineering (in collaboration with the College of Computing, Construction, and Engineering), Mathematics/Statistics, Music, Public Administration, Psychology, and Social Work.

Given the mission of the University, many of these degrees focus on applied and practical knowledge. They are designed to serve graduate students who seek advanced education necessary for securing high-quality employment or career advancement. Many of our graduates hold leadership positions within the City of Jacksonville, regional industries, and at UNF. Additionally, students pursuing master's degrees at UNF have been admitted to doctoral programs and professional schools (e.g., medical, or law schools). We are committed to helping our graduate students achieve their personal and professional aspirations.

Interdisciplinary Programs and Opportunities at UNF

The College of Arts and Sciences offers a dynamic range of interdisciplinary programs designed to prepare students for the complexities of the 21st-century workplace and world. These programs invite students to explore connections across traditional academic boundaries and enable students to pursue innovative paths that solve problems and improve lives.

Interdisciplinary Studies Major

The Interdisciplinary Studies program of study allows students to design a personalized course of study that aligns with their unique academic interests and career goals. Students may choose from faculty-curated themes (Environmental Studies or Film) or propose their own program of study that integrates courses from multiple disciplines and academic perspectives. Admission to the program is selective and requires a proposal outlining the student's academic theme and objectives, subject to review and approval by program coordinator.

Bachelor of General Studies (BGS)

The Bachelor of General Studies is a flexible, interdisciplinary degree designed for students seeking an academic path aligned with their personal or professional goals. This program offers four disciplinary concentrations from which students can choose: Humanities and Arts, Social and Behavioral Sciences, STEM, or Education Studies. This degree is ideal for students with prior college credit or those returning to complete a degree. Our BGS emphasizes critical thinking, problem-solving, and real-world application through a required capstone experience. The BGS prepares graduates for diverse career opportunities in fields such as project management, human services, analyst positions, and more.

Interdisciplinary Minors

The College offers a range of interdisciplinary minors that encourages students to explore topics through multiple academic lenses. These minors are designed to complement any major and support a student's broader intellectual and professional goals. Minor options include Digital Humanities, International Studies, Interdisciplinary Disability Studies, Jewish Studies, Law, Politics and Ethics, Professional and Public Writing, and Social Welfare, to name a few. Each minor offers students a chance to engage with contemporary issues, develop cross-disciplinary insights, and prepare for careers in a wide range of fields from public service and education to law, healthcare, and the arts.

For more information on interdisciplinary programs and opportunities, visit the College of Arts & Sciences Interdisciplinary Studies website.

Programs

Africana Studies, BA
Interdisciplinary Studies, BA
Interdisciplinary Studies, Minor
Integrative General Studies, BGS
International Studies, BA
International Studies, Minor
Asian Studies, Minor

Courses

AFS3262 - African Diaspora Studies
IDS2931 - Venture Studies: Community Based Special Topics
IDS3053 - Introduction to Interdisciplinary Inquiry
IDS3949 - Interdisciplinary Studies Internship
IDS3951 - Venture Studies Threshold Project
INS3003 - Introduction to International Studies
INS3950 - International Educational Experience
INS3951 - Study Abroad Reflection and Synthesis
INS4905 - Directed Independent Study
INS4930 - International Studies Senior Research Seminar
INS4941 - International Studies Internship
SPN4860 - Digital Text Edit Spanish
SPW4498 - Studies in Contemporary Latin American Literature

English Department

Department of English

Location: Building 8, Room 2001
Phone: (904) 620-2273
Web Address: www.unf.edu/coas/english
Dr. Tru Leverette Hall, Chair

Undergraduate Program

The Department of English at the University of North Florida offers courses in American, British, and world literatures; creative, professional and public writing; drama; film; and documentary production. The department offers the B.A. in English and a B.A. in English with a Creative Writing concentration. The department also offers the following minors: Creative Writing, Film, Literature, and Professional & Public Writing.

Graduate Program

The Department of English offers a Master of Arts (M.A.) in English, a Concentration in Composition and Rhetoric, a Concentration in Creative Writing, and an Accelerated B.A. to M.A. program. Graduate students can enjoy reading from a range of British, American, and world traditions, honing their critical reading and writing skills, and enjoying the pleasures of sophisticated literary discussion. In addition, students can take courses that ground them philosophically and pedagogically in the history of rhetoric, a sure way to deepen one's understanding of the practice of writing. Finally, students can enroll in graduate teaching practica, gaining experience by teaching others under the tutelage of an experienced professor. The M.A. in English offers multiple routes for preparing students for a diverse number of career fields. The program entails eleven courses (33 credit hours).

UNF Writing Program & Center

UNF's Department of English houses the Writing Program and Center (WPC). The WPC supports various writing interests and aims across the university and its fundamental pedagogical values center on concepts of care, consideration, confidence, and competence in the teaching and learning of writing.

Visit the Writing Program & Center website and explore how the program is integrated throughout various areas of your academic experience at UNF.

Programs

Digital Humanities, Certificate (CB)
English, BA
English, MA
Creative Writing, Minor
Film, Minor
Literature, Minor

Courses

AML2010 - American Literature I
AML2020 - American Literature II
AML3102 - American Fiction
AML3154 - American Poetry
AML3621 - (GW) Black American Literature
AML4242 - Studies in 20th Century American Literature
AML6506 - Studies in Early American Literature
AML6507 - Studies in Later American Literature
CLT4110 - Classical Background of Western Literature
CRW2000 - (GW) Introduction to Creative Writing
CRW2100 - (GW) Introduction to Fiction Writing
CRW2201 - (GW) Introduction to Creative Nonfiction
CRW2300 - (GW) Introduction to Poetry Writing
CRW2400 - (GW) Introduction to Playwriting
CRW2600 - (GW) Introduction to Screenwriting
CRW2930 - (GW) Special Topics in Creative Writing
CRW3015 - Reading Like A Writer
CRW3110 - (GW) Fiction Workshop
CRW3113 - Writing Genre Fiction
CRW3211 - (GW) Creative Nonfiction Workshop
CRW3310 - (GW) Poetry Workshop
CRW3610 - (GW) Screenwriting Workshop
CRW3741 - Image/Text Workshop
CRW3742 - Integrative Arts Workshop
CRW3930 - Special Topics in Creative Writing
CRW4122 - Advanced Fiction Workshop
CRW4224 - Adv. Creative Nonfic Wkshp
CRW4320 - Advanced Poetry Workshop
CRW4616 - Advanced Screenwriting Workshop
CRW4901 - Creative Writing Independent Study
CRW4924 - Advanced Creative Writing Workshop
CRW4940 - Creative Writing Practicum
CRW5935 - Special Topics in Creative Writing
CRW5944 - Creative Writing Internship
CRW6905 - Creative Writing Independent Study
CRW6925 - Graduate Creative Writing Workshop
CRW6942 - Practicum: Teaching Creative Writing
DIG3176 - Introduction to the Digital Humanities
DIG3930 - Special Topics in Digital Humanities
DIG4152 - Digital Editing and Digital Archives
DIG4588 - Digital Humanities Studio
DIG4931 - Advanced Topics in Digital Humanities
DIG4944 - Digital Humanities Internship
DIG5930 - Topics in Digital Humanities
DIG5944 - Digital Humanities Internship
DIG6905 - Directed Independent Study
ENC1101 - (GW) Writing for Audience and Purpose
ENC1102 - (GW) Evidence-Based Writing
ENC1143 - (GW) Writing with Evidence and Style
ENC2210 - (GW) Technical Writing
ENC2240 - (GW)Professional Communication
ENC2443 - (GW) Writing Topics:Literature
ENC2451 - (GW) Writing Topics: Health
ENC2461 - (GW) Writing Topics: Social Sciences
ENC3202 - Professional Communication for Business
ENC3212 - Copyediting
ENC3246 - Professional Communication for Engineering
ENC3254 - (GW) Professional Communication for Construction Management
ENC3310 - (GW) Writing Prose
ENC3375 - Introduction to Fandom Studies
ENC3930 - Special Topics in Composition
ENC4260 - Applied Technical Writing
ENC4331 - Writing, Rhetoric, and Community
ENC4403 - Grant Writing
ENC4415 - Rhetoric in the Digital Humanities
ENC4436 - Writing as Social Action
ENC4930 - Advanced Topics in Composition
ENC4940 - Writing Internship
ENC5226 - Technical Writing
ENC5235 - Grant Writing
ENC5720 - Problems in Contemporary Composition
ENC5935 - Special Topics in Composition and Rhetoric
ENC6700 - Studies in Composition Theory
ENC6702 - Studies in Composition Pedagogy
ENC6721 - Studies in Composition Research
ENC6905 - Rhetoric and Composition Independent Study
ENC6942 - Teaching Practicum in the Writing Classroom
ENG3613 - Disability Culture and Representation
ENG3816 - Digital Methods in Literary Studies
ENG4004 - Research Methods in English
ENG4013 - Approaches to Literary Interpretation
ENG4930 - Independent Study in Literary and Cultural Theory
ENG5945 - Graduate Internship
ENG6019 - Contemporary Literary Criticism and Theory
ENL2012 - British Literature I
ENL2022 - British Literature II
ENL3132 - History of the Later British Novel
ENL3333 - Shakespeare
ENL4210 - Studies in Medieval Literature
ENL4220 - Studies in Renaissance Literature
ENL4230 - Literatures of the Atlantic
ENL4240 - Studies in British Romantic Literature
ENL4251 - Studies in Victorian Literature
ENL5290 - Slavery and the Enlightenment
ENL6502 - Studies in Early British Literature
ENL6509 - Studies in Later British Literature
FIL2000 - Film Appreciation
FIL3006 - Analyzing Films
FIL3363 - Documentary Production
FIL3801 - Film Terms
FIL3826 - Movements in American Film
FIL3831 - Black Cinema
FIL3832 - Horror Films
FIL3833 - Film Genre
FIL3930 - Topics in Film
FIL4073 - American Film in Context: 1970s
FIL4075 - American Film in Context: 1950s--1960s
FIL4078 - American Film in Context: 1980s
FIL4300 - Documentary Studies
FIL4361 - Audio Documentary and Podcasting
FIL4379 - Advanced Documentary Production
FIL4828 - Movements in International Film
FIL4839 - Film Noir
FIL4843 - Asian Cinema
FIL4848 - World Cinema and the Cross-Cultural Encounter
FIL4882 - Cinema and Culture
FIL4900 - Directed Independent Study in Film
FIL4931 - Advanced Topics in Film
FIL4935 - Advanced Topics in Film
FIL4945 - Internship in Film Production
FIL5305 - Documentary Workshop
FIL5377 - Advanced Documentary Production
FIL5934 - Special Topics in Film
FIL6905 - Film Independent Study
FIL6937 - Advanced Topics in Film
IDS1932 - First Year Interdisciplinary Writing Seminar
LIS1001 - Beginning Library and Information Systems Strategies
LIS3021 - Library and Archival Foundations
LIT2000 - Introduction to Literature
LIT2110 - World Literature I
LIT2120 - World Literature II
LIT3213 - The Art of Critical Reading and Writing I

LIT3214 - The Art of Critical Reading and Writing II
LIT3304 - Literature of Popular American Culture
LIT3331 - Children's Literature
LIT3333 - Young Adult Literature
LIT3930 - Special Topics: Literature
LIT4042 - Dramatic Literature
LIT4083 - Studies in Modern Literature
LIT4093 - Contemporary Literature
LIT4243 - Major Authors
LIT4650 - Comparative Literature
LIT4905 - Independent Study
LIT4930 - Special Topics in Literature
LIT4934 - Seminar in Literature
LIT4940 - Practicum: English
LIT5934 - Topics in Literature
LIT6246 - Major Authors
LIT6855 - Topics in Cultural Studies
LIT6905 - Directed Independent Study
LIT6934 - Special Topics in Literature
LIT6941 - Practicum: Teaching Literature
THE2000 - Theater Appreciation
THE4904 - Independent Study in Drama and Theater
THE4935 - Special Topics in Drama and Theater
TPP2100 - Acting I
TPP3103 - Acting II

Mathematics & Statistics Department

Department of Mathematics & Statistics

Location: Building 14, Room 2731
Phone: (904) 620-2653
Location: Building 14, Room 2731
Phone: (904) 620-2653
Web Address: www.unf.edu/coas/math-stat/
Dr. Richard Patterson, Chair

The Program

Mathematics & Statistics provide powerful tools for a constantly expanding variety of problems. There is hardly a field to which these intrinsically related sciences have not been applied, often providing capabilities that would have seemed fantastic only a few years ago. The Department of Mathematics & Statistics provides the student with an integrated approach to these areas and, at the same time, permits pursuit of a bachelor's degree with concentration in either of the two disciplines. It is recommended that prospective mathematics and statistics majors elect strong science options in their freshman and sophomore years.

General Information

The student must select either the mathematics or statistics program. All mathematics and statistics majors must have a minor. Bachelor of Science students must select their minors from the approved list (see right menu for approved list). A grade of "C" or better in all prerequisite, major and minor courses is required for graduation. All majors must fulfill the University's general education requirements and the College of Arts and Sciences graduation requirements. The minimum total hours required for all four-year degrees is 120 credit hours.

Honors in Mathematics and Statistics

A student may apply for honors in the major after completing at least Calculus I, Calculus II, Calculus III, and two other mathematics or statistics courses (that count toward the major) at the 3000-level or above. An overall GPA of at least 3.25 for courses at or above the level of Calculus I is required. Once accepted into the program, a student will work with a faculty member to select courses and to complete an honors project. Please see department chair for details.

Programs

Applied Mathematics, Certificate (CB)
Applied Statistics, Minor
Mathematics, BA
Mathematics, BS
Mathematical Science, MS
Mathematics, Minor
Joint Statistical Analysis with SAS, Certificate (CU)
Statistics, BA
Statistics, BS
Statistics, Minor

Courses

MAA4211 - (GM) Advanced Calculus I
MAA4212 - (GM) Advanced Calculus II
MAA4402 - (GM) Complex Analysis
MAA6417 - Complex Analysis
MAC1101C - (GM) Intensive College Algebra with Recitation
MAC1105 - (GM) College Algebra
MAC1105C - (GM) College Algebra with Recitation
MAC1114 - (GM) Trigonometry
MAC1147 - (GM) Precalculus
MAC2233 - (GM) Calculus for Business
MAC2241 - (GM)Calculus for Biology
MAC2311 - (GM) Calculus I
MAC2312 - (GM) Calculus II
MAC2313 - (GM) Calculus III
MAD3107 - (GM) Discrete Mathematics
MAD4203 - Combinatorics
MAD4301 - Graph Theory
MAD4401 - (GM) Numerical Analysis
MAD4505 - Discrete Biomathematics
MAD6115 - Discrete Mathematical Structures
MAD6405 - Numerical Analysis
MAE6871 - Mathematical Connections
MAE6879 - Mathematical Applications Around Us
MAP2302 - (GM) Ordinary Differential Equations
MAP3170 - Financial Mathematics for Actuarial Science
MAP4103 - Mathematical Modeling
MAP4231 - (GM) Operations Research
MAP4314 - Dynamical Systems
MAP4341 - (GM) Elementary Partial Differential Equations
MAP6195 - Analysis of Large Data Sets
MAP6246 - Linear Programming
MAP6336 - Ordinary Differential Equations
MAP6345 - Partial Differential Equations
MAP6385 - Scientific Computing
MAP6489 - Mathematical Biology
MAP6605 - Topics in Financial Mathematics

MAS3105 - (GM) Linear Algebra
MAS3203 - (GM) Number Theory
MAS4156 - (GM) Vector Analysis
MAS4301 - (GM) Abstract Algebra I
MAS4302 - Abstract Algebra II
MAS4900 - Research Experience in Mathematics – Independent Study
MAS4932 - Capstone Experience in Mathematics
MAS6145 - Advanced Linear Algebra
MAS6218 - Topics in Number Theory
MAS6311 - Abstract Algebra
MAS6933 - Topics in Algebra
MAS6938 - Topics in Applied Algebra
MAT1033 - Intermediate Algebra
MAT3930 - Selected Topics in Mathematical Science
MAT4906 - Directed Individual Studies
MAT4931 - Special Topics in Mathematical Science
MAT6908 - Directed Individual Study
MAT6933 - Special Topics in Mathematics
MAT6971 - Thesis
MGF1106 - (GM) Finite Mathematics
MGF1107 - (GM) Explorations in Mathematics
MGF1113 - (GM) Mathematics for Teachers I
MGF1130 - Mathematical Thinking
MHF3202 - (GM) Foundation of Mathematics
MHF3404 - (GM) History of Mathematics
MTG3203 - (GM) Geometry for Middle School Teachers
MTG3212 - (GM) Modern Geometry
MTG4302 - (GM) Elementary Topology
STA2023 - (GM) Introductory Statistics
STA2023C - (GM) Introductory Statistics with Recitation
STA3032 - (GM) Probability and Statistics for Engineers
STA3163 - (GM) Statistical Methods I
STA3164 - (GM) Statistical Methods II
STA4202 - (GM) Design of Experiments
STA4222 - Design of Sample Surveys
STA4321 - (GM) Probability and Statistics
STA4322 - (GM) Statistical Theory
STA4502 - (GM) Nonparametric Methods in Statistics
STA4504 - (GM) Categorical Data Analysis
STA4664 - Statistical Quality Control
STA4672 - Probability Models with Applications to Actuarial Science
STA4853 - Statistical Techniques for Time Series and Forecasts
STA4906 - Directed Individual Studies
STA4912 - Research Experience in Statistics - Independent Study
STA4930 - Special Topics in Statistics
STA4935 - Seminar in Statistics
STA4945 - Capstone Experience in Statistics
STA5126 - Statistical Methods for the Social Sciences
STA5931 - Special Topics in Statistical Sciences
STA6106 - Computer-Intensive Methods in Statistics
STA6166 - Statistical Methods I
STA6167 - Statistical Methods II
STA6205 - Design of Experiments
STA6226 - Sampling
STA6326 - Mathematical Statistics I
STA6327 - Mathematical Statistics II
STA6446 - Probability
STA6505 - Categorical Data Analysis
STA6666 - Statistical Quality Control
STA6703 - Statistical Learning with Big Data
STA6707 - Multivariate Methods
STA6908 - Directed Individual Study
STA6938 - Seminar in Statistics
STA6940 - Statistical Consulting
STA6971 - Thesis

Physics Department

Department of Physics

Location: Building, 50, Room 2600
Phone: (904) 620-2729
Fax: (904) 620-1989
Web Address: www.unf.edu/coas/physics
Dr. Greg Wurtz, Chair

The Program

The Department of Physics offers a Bachelor of Science (BS) in Physics, a Bachelor of Science (BS) in Astronomy, and a Master of Science (MS) in Materials Science and Engineering. The department's faculty are committed to providing a transformative training experience to their students that is grounded in high-impact practices in the classroom, undergraduate and graduate research, internships, mentorship, and student clubs. The BS in Physics is available with tracks in physics, engineering physics, astrophysics, computing, and premedical physics. A minor in physics is also offered. Interested students may decide to major in physics while choosing the physics teaching option which combines the physics baccalaureate degree with an education minor.

Undergraduate students in the physics program actively participate in research conducted by our faculty in various fields, including astronomy and astrophysics, condensed matter physics, and physics education research. Many physics students receive financial support from faculty research grants (e.g. National Science Foundation, Research Corporation, and NASA), and university grants and scholarships to support their research activities under the mentorship of the faculty.

Additionally, students are regularly employed by the university and the department as teaching assistant as well as peer mentors, and receive scholarships to support their education.

Finally, our majors often join two active student clubs: the Society of Physics Students and the Astronomy Club.

Through an innovative curriculum that leverages active learning to enhance student engagement and foster the development and retention of transformative skills, the department aims to graduate students well-prepared to navigate a lifelong dynamic professional landscape in areas such as data science, academia, medical physics, and engineering. The increased use of complex technologies in nanoelectronics, environmental physics, optics, space and renewable energies, defense, health care, advanced manufacturing and other industries, provides ample evidence that the value of understanding physics will continue to be important for individuals and society. Physics provides a strong foundation of skills which allows many of our students to also enter professional and graduate studies both within and outside the physics discipline.

Moreover, the Department of Physics participates in a research-focused Masters of Science in Materials Science and Engineering. In this multidisciplinary graduate program, students study materials from their fundamental make-up, and associated properties, to their processing and integration in the design and development of new composite materials and devices. This degree is offered in partnership with the School of Engineering, the Department of Chemistry and Biochemistry, and the Department of Biology.

Programs

Astronomy, BS
Physics, BS

Physics, Minor

Courses

AST2002 - Discovering Astronomy
AST2002L - Discovering Astronomy Lab
AST3113 - Planetary Astronomy
AST3204 - Stellar Astronomy
AST3217 - Astrophysics I
AST3303 - Galactic Astronomy
AST3402 - Astrophysics II
AST3414 - Cosmology
EMA5104 - Advanced Materials Principles I
EMA5114 - Advanced Materials Principles II
EMA5504 - Materials Characterization
EMA5814C - Modeling and Simulation of Materials
EMA6971 - Graduate Thesis Research
EMA6973 - Graduate Thesis Defense
ESC2000 - Discovering Earth Science
ESC2000L - Discovering Earth Science Lab
GLY2010 - Physical Geology
PHY1020 - Discovering How Things Work
PHY1020L - Discovering How Things Work Laboratory
PHY1024 - Exploring Majoring in Physics
PHY1028 - Introduction to Physics
PHY1028L - Introduction to Physics Laboratory
PHY2042 - Physics for Engineers II
PHY2048C - Calculus-based Physics I
PHY2049 - Calculus-based Physics II
PHY2049L - Calculus-based Physics II Lab
PHY2053C - Algebra-based Physics I
PHY2054C - Algebra-based Physics II
PHY2464C - The Physics of Music
PHY2930 - Selected Topics in Physics
PHY3101 - Modern Physics
PHY3101L - Modern Physics Laboratory
PHY3220 - Classical Mechanics
PHY3424C - Optics with Laboratory
PHY3604 - Quantum Mechanics
PHY3722C - Electronics for Scientists
PHY4320 - Electricity and Magnetism
PHY4523 - Thermodynamics and Statistical Mechanics
PHY4610 - Applications of Quantum Mechanics
PHY4660 - Introduction to Quantum Field Theory
PHY4802L - Advanced Physics Laboratory
PHY4905 - Directed Independent Study in Physics
PHY4910 - Physics Research and Seminar 1
PHY4911 - Physics Research and Seminar 2
PHY4930 - Selected Topics in Physics
PHY4940 - Physics Internship
PHY4970 - Directed Independent Study- Honors in Physics Thesis
PHZ3113C - Mathematical Physics
PHZ4160 - Advanced Topics in Physics
PHZ4303 - Nuclear Physics
PHZ4404 - Solid State Physics
PSC4905 - Directed Independent Study

Philosophy & Religious Studies Department

Department of Philosophy & Religious Studies

Location: Building 57, Room 3500
Phone: (904) 620-3744
Web Address: www.unf.edu/coas/philosophy/
Sarah A. Mattice, Chair: s.mattice@unf.edu

Mission

The Department of Philosophy and Religious Studies is a diverse department of award-winning and internationally recognized scholar-teachers. The Department is home to the Philosophy Program, the Religious Studies Program, and the Florida Blue Center for Ethics.

The Philosophy Program provides undergraduate training that helps to prepare students for meaningful lives and successful careers. Students in our program study with internationally recognized faculty, developing skills in critical, creative, and collaborative reading, writing, speaking, and thinking. The program is focused on equipping students with core knowledge and skills, while acquainting them with the range of traditions and orientations in philosophy. The program is committed to the relevance of its efforts, emphasizing teaching and research attentive to the application of philosophical knowledge and skills. Informed by these commitments, the Philosophy Program seeks to aid students in appreciating great intellectual conversations, clarifying unexamined assumptions, evaluating ideas, arguments, and norms, and participating thoughtfully and responsibly in public inquiry. Students who major in philosophy regularly go on to graduate work in philosophy, law, applied ethics, medicine, and technology; majors go on to careers in education, law, non-profit, technology, business, journalism, and more.

The Religious Studies Program prepares students to live and work in a connected world. Internationally recognized faculty mentor students and handcraft individualized programs of study tailored to the individual student's interests and career goals. Students in the program develop skills that foster intellectual, civic, and global engagement; gain cross-cultural awareness by describing and analyzing religious systems as they exist in historical and social contexts in an impartial, academic manner; develop clear thinking and writing skills; and learn to see the world through the eyes of others. Students who major in religious studies regularly go on to graduate work in religious studies, law, public health, international studies, and medicine; majors go on to careers in education, non-profit, government, business, and more.

The Department offers three general education courses: HUM 2020 (GW) Introduction to Humanities, PHI 2010 (GW) Introduction to Philosophy, and REL 2300 (GW) Comparative Religion. Students are encouraged to take these courses to advance their critical thinking skills. All courses are offered every term, including summer. In addition to fostering students' critical thinking and writing skills, the courses also serve as background for more advanced and specialized courses in the B.A. in Philosophy and the B.A. in Religious Studies.

The Department offers a Bachelor of Arts degree in Philosophy with two tracks as well as two Minors. In Religious Studies, it offers a Bachelor of Arts in Religious Studies and two minors.

B.A. in Philosophy

Students study the main developments and traditions in the history of philosophy in both western and non-western traditions; develop critical reasoning skills and facility with logical analysis; study modes of normative analysis in ethical inquiry and gain an ability to apply them to current social issues; learn to read complex prose systematically and critically, and learn to write and to speak in a reasoned, persuasive, and argumentatively effective manner.

Areas of faculty expertise include Ancient Greek philosophy, comparative and Non-Western philosophy, ethics, applied ethics, business ethics, environmental philosophy, epistemology, logic, metaphysics, philosophy of language, philosophy of religion, philosophy of science, contemporary European philosophy, feminist philosophy, pragmatism, and social, political and legal philosophy.

The BA in philosophy requires 33 hours. Two tracks are available, one in General Philosophical Studies and one with a more concentrated focus on Law, Politics, and Ethics. Required courses include *PHI 3084 Philosophical Methods* and *PHI 2101 Introduction to Logic*. The remaining courses are organized under topical domains that vary by track. Students can pick among a wide variety of courses under each heading, and the free electives can be chosen from any domain. The detailed lists are available on the department webpage.

Minors in Philosophy

There is a general minor in Philosophy, and a more specialized minor in Law, Politics, and Ethics. Both require 15 hours. One 2000-level General Education philosophy course can be counted towards the Minor. Further information on the program, including current course offerings, can be obtained by consulting the Department's website.

B.A. in Religious Studies

Religious Studies is the multidisciplinary hub at UNF for discovering the roles and functions of religions in human life and culture. Students investigate religion in ways that foster intellectual, civic, and global engagement; gain cross-cultural awareness by describing and analyzing religious systems as they exist in historical and social contexts in an impartial, academic manner; develop clear thinking and writing skills; and learn to see the world through the eyes of others. Internationally recognized faculty mentor students and handcraft individualized programs of study. Faculty conduct scholarly research that contributes to the understanding of religions and regularly engage in public scholarship.

The BA in Religious Studies requires 30 credit hours. Students are required to take four courses: Comparative Religion (REL 2300); Religion as Culture (REL 3102); Religion: Theory and Method (REL 3040); and the Senior Seminar Capstone (REL 4910). Students can select any upper-level course with an REL designation for the remaining hours. Students are encouraged to participate in a study aboard experience.

The program in Religious Studies offers REL 2300 Comparative Religion as part of UNF's General Education Program.

Minor in Religious Studies

The Minor in Religious Studies requires 15 hours, including two required courses, REL 2300 (GW) Comparative Religion and REL 3102 Religion as Culture, and any three upper level Religious Studies (REL) courses or approved electives with prefixes other than REL. Further information on the Religious Studies program, including current course offerings, can be obtained by consulting the Department's website.

Minor in Jewish Studies

The Jewish Studies minor requires five courses in Jewish Studies, including two required courses: Religion as Culture (REL 3102), and either REL 3630 American Judaism or PHH 3201 Jewish and Islamic Philosophy, as well as three additional courses, Further information can be obtained by consulting the department website.

Honors in Philosophy Major

The program is available to students in philosophy who are intellectually mature and who seek the challenge of doing a major research project under the supervision of a faculty mentor. This program is especially recommended to students who are considering graduate work in philosophy or another discipline, such as law, which requires substantial research and writing. To earn honors in philosophy, students must fulfill the requirements for the major with a 3.5 GPA in their major courses, must satisfactorily complete an honors thesis under the direction of a faculty member, and defend the thesis before a three-member committee. Students who complete these requirements will have honors in philosophy noted on the transcript and diploma. For further information and applications, contact the department.

Experiential Learning

Experiential learning is emphasized across the Department's curricula with study abroad, community-based learning, internships, and more. The Department is also the recipient of an Engaged Department Initiative for Community-Based Transformational Learning. Further information concerning specific course offerings during the current academic year can be obtained by consulting the Department's website. For future plans and projects, please contact the department chair.

Programs

Jewish Studies, Minor
Law, Politics, and Ethics, Minor
Philosophy, BA
Philosophy, Minor
Religious Studies, BA
Religious Studies, Minor

Courses

HUM2020 - Introduction to Humanities
IDS4890 - Interdisciplinary Studies Capstone
PHH3100 - Ancient Greek Philosophy
PHH3104 - Socrates and the Sophists
PHH3120 - (FC) The Greek Experience
PHH3201 - Jewish and Islamic Philosophy in the Classical Tradition
PHH3230 - Islamic Philosophy
PHH3400 - Modern Philosophy
PHH3500 - Kant to Nietzsche
PHH3810 - Introduction to Buddhism
PHH3811 - The Philosophy of Zen Buddhism
PHH3820 - (FC) Chinese Philosophy
PHH3840 - (FC) Philosophies of India
PHH3860 - (FC) Japanese Philosophy
PHH3930 - Topics in History of Philosophy
PHH4601 - Contemporary European Philosophy
PHH4821 - Confucianism
PHI2010 - (GW) Introduction to Philosophy
PHI2100 - (GW) Critical Thinking: The Art of Reasoning
PHI2101 - Introduction to Logic
PHI2630 - (GW) Critical Thinking: Ethical Issues
PHI2885 - Philosophy through Fiction
PHI3084 - Philosophical Methods
PHI3300 - Introduction to Epistemology
PHI3320 - Philosophy of Mind
PHI3400 - The Philosophy of Science
PHI3453 - Philosophy of Psychology
PHI3463 - Science and Objectivity
PHI3500 - Introduction to Metaphysics
PHI3601 - Ethics
PHI3632 - Feminist Philosophy
PHI3633 - Bioethics
PHI3637 - Ethical Issues in Public Health
PHI3640 - Environmental Ethics

PHI3664 - Ethics East and West
PHI3669 - Leadership and Public Philosophy
PHI3670 - Relativism and Disagreement
PHI3674 - Lies and Self Deception
PHI3700 - Philosophy of Religion
PHI3800 - Aesthetics
PHI3880 - Philosophy of Film
PHI3930 - Selected Topics
PHI3931 - East and West: Selected Topics
PHI3932 - Special Topics in Asian Thought and Practice
PHI3934 - Selected Topics in Value Theory
PHI3939 - Selected Topics in Knowledge and Reality
PHI3940 - Mindfulness and Meditation Practicum
PHI4220 - Philosophy of Language
PHI4420 - Philosophy of the Social Sciences
PHI4641 - Business Ethics
PHI4881 - Philosophy of Music
PHI4905 - Directed Individual Study
PHI4930 - Special Topics in Philosophy
PHI4941 - Philosophy: Internship, Practicum, or Experiential Learning
PHI4970 - Senior Honors Thesis
PHI5425 - Philosophy of Social Sciences
PHI5675 - Moral Conflict
PHI5677 - Ethical Issues in Public Health
PHI5769 - Ethics, Religion, and Global Discourse
PHI5934 - Selected Topics
PHI6942 - Internship in Applied Ethics
PHI6971 - Thesis
PHM3020 - Philosophy of Love and Sex
PHM3050 - Ethical Issues in Death and Dying
PHM3128 - Philosophy of Race and Racism
PHM3304 - Political Philosophy
PHM3361 - Philosophy of Democracy
PHM3362 - Global Justice
PHM3400 - Philosophy of Law
PHM4100 - Social Philosophy
PHM4340 - Contemporary Political Philosophy
PHM5345 - Contemporary Political Philosophy
PHP3786 - Existentialism
PHP3790 - American Philosophy
REL2300 - (GW) Comparative Religion
REL3040 - Theories of Religious Studies
REL3074 - Myths and Rituals
REL3101 - Religion and Popular Culture
REL3102 - Religion as Culture
REL3110 - Religion and the Arts in the US
REL3111 - Religion and Film
REL3120 - Religion in America
REL3127 - Religion and the Courts
REL3146 - Sex and God
REL3148 - Religion and Violence
REL3152 - Race and Religion in the United States
REL3168 - Religion and Nature
REL3175 - Ethics East and West
REL3196 - Religious Literacy in the Professions
REL3213 - Hebrew Bible/Old Testament
REL3241 - New Testament
REL3330 - Religions of India
REL3340 - Introduction to Buddhism
REL3345 - Zen Buddhism
REL3380 - American Indian Religions
REL3405 - Jewish and Islamic Thought
REL3420 - Twentieth Century Religious Thought
REL3442 - Religion and the Marketplace
REL3456 - Japanese Philosophy and Religion
REL3457 - Chinese Philosophy & Religion
REL3459 - Lived Religions in Asia
REL3460 - Philosophy of Religion
REL3630 - American Judaism
REL3930 - Selected Topics: History of Religion
REL4151 - Anthropology of Religion
REL4159 - Sociology of Religion
REL4296 - Sociology of the Bible
REL4353 - Confucianism
REL4404 - Comparative Muslim Cultures
REL4497 - Global Religion
REL4900 - Directed Independent Study Religious Studies
REL4910 - Senior Seminar Capstone
REL4932 - Advanced Selected Topics
REL4938 - Advanced Special Topics: Christianity
RLG5150 - Global Religion

Psychological & Brain Sciences Department

Department of Psychological and Brain Sciences

Location: Building 51, Room 3404
Phone: (904) 620-2807
Web Address: www.unf.edu/coas/psychology/
Dr. Lori Lange, Associate Professor & Chair

The Program

Psychology is the scientific study of human and animal behavior. The Department of Psychological and Brain Sciences offers undergraduate (BA & BS) and graduate (MS) degree programs in psychology, and a BS program in behavioral neuroscience. Our full-time faculty are active researchers and offer opportunities for students to collaborate on research projects. UNF psychology faculty are highly qualified, caring and accessible individuals who are excellent teachers and researchers, committed to continued scholarship and service to the profession and to the local community.

Psychology at UNF offers many unique and engaging opportunities beyond the typical classroom setting, such as practicum, study abroad, research, student groups, and community-based learning. These distinctive experiences provide avenues for students to apply what they have learned and to broaden their knowledge, practical skills, and connections. Students in our program gain knowledge and skills that make them highly desirable candidates for employment in a wide variety of careers. Many opportunities exist for students to develop highly transferable skills in scientific research and statistics, critical thinking, problem solving, technical writing, teamwork, oral communication, and interpersonal skills and understanding.

Undergraduate Programs

Bachelor of Science and Bachelor of Arts in Psychology

Psychology at UNF offers a substantive and dynamic curriculum where students have the option to earn a Bachelor of Arts or Bachelor of Science degree. All programs share a common core of courses in research methodology, scientific inquiry, and professional development. Students can focus their studies on children and adolescents in the Child Psychology Concentration.

For admission to the degree program, students must earn at least a C in introductory psychology, in elementary statistics, and in general biology. Psychology majors must earn at least a C in courses applied to the degree.

Psychology minors complete 18 credit hours in psychology. No more than 50% of courses required for the minor may be transferred from another institution. A grade of at least C is required for all minor courses, including prerequisites.

Bachelor of Science in Behavioral Neuroscience

Behavioral Neuroscience is offered as a major (BS) for students interested in studying the biological basis of human behavior. The interdisciplinary curriculum requires 39 credit hours and focuses on the brain circuitry and other biological factors underlying normal and abnormal human development, cognition, perception, social interaction, mental health, and drug use.

Students gain a broad understanding of biological and psychological principles and techniques, and acquire laboratory, research, technological and other practical skills required for further study and career opportunities in related fields. Specifically, students are trained in a variety of behavioral, cellular and molecular, neuroanatomical, and neurobiological techniques necessary to approach questions of interest using animal and human model systems.

Pursuing studies in Behavioral Neuroscience prepares students for a variety of careers and areas of continued education, including medicine, pharmacology, bioengineering, health bioinformatics, government service (e.g., NIH, CDC), marketing, physical therapy, artificial intelligence, science journalism, and research & development.

Graduate Program

The Masters of Science in the Psychological Sciences is a research-based program designed to equip students with critical skills and knowledge necessary for continued occupational and educational advancement in the psychological sciences. There is an accelerated track for the program where UNF students (who are accepted to the program) can complete their BS and MS in Psychology by having the first 10 hours of the MS program count towards their BS degree.

Students demonstrate knowledge, critical thinking, and scientific competency skills by completing a research-based thesis that contributes to the discipline of psychology. Students are paired with a faculty advisor based on faculty research interests and expertise. This mentor oversees the thesis process across four courses (Supervised Research, Thesis A, B, and C).

Our program is tailored to help students build their skill-set and resume for applied careers and to make students more competitive for PhD programs and careers in the psychological sciences.

Professional development is encouraged and fostered through such activities as scholarship, research conference presentations, teaching, departmental colloquia participation, and community engagement.

For additional queries, please contact Program Director Dr. Dan Richard.

Honors in Psychology

Outstanding undergraduate psychology majors can graduate with the designation "Honors in Psychology."

Psychology majors must maintain a cumulative GPA of 3.67 or higher. Once in the program to successfully complete this upper level Honors track, students must complete 8 hours of research course work.

Research Opportunities

Involvement in research is an important part of the psychology major experience at UNF. Many opportunities exist for students to engage in behavioral science research while receiving excellent mentoring from faculty who care very much about their students.

Students can become involved in our research in two ways:

- As a participant in an experiment. Students sign up for a study in SONA.
- As a member of a professor's research team

Learn more about becoming a participant and about our faculty's research teams by visiting the COAS: Psychology Research webpage.

Community Connections

It is common for psychology students to work with community organizations through volunteerism, practicum experiences, and research. This provides great opportunities to engage in transformational experiences and to develop meaningful professional direction for life after graduation. We have many community partners that provide excellent networking and professional opportunities for students. As an Engaged Department, many of our courses include community-based learning. Students interested in practicum should contact Dr. Paul Argott.

Academic and experiential opportunities through study abroad can foster international understanding in order to promote competent participation in the global community, and are especially in the development of important skills for the 21st century.

The UNF Department of Psychological and Brain Sciences has a student exchange relationship with the Psychology Division at Abertay University in Dundee, Scotland. Psychology students at UNF can apply for a semester study abroad at Abertay University in their junior or senior year. Faculty in the Psychological and Brain Sciences Department have led study abroad courses to China, Japan, and Jamaica.

Programs

Behavioral Neuroscience, BS
Psychological Science, MS
Psychology, BA
Psychology, BS
Psychology, Minor

Courses

CBH3004 - Comparative Psychology
CLP2180 - Stress Management
CLP4134 - Childhood Psychopathology
CLP4143 - Psychology of Abnormal Behavior
CLP4313 - Health Psychology
CLP6441C - Individual Intelligence Testing
CLP6445C - Individual Personality Testing
DEP2002 - Foundations of Child and Adolescent Psychology
DEP3054 - Lifespan Developmental Psychology
DEP4060 - Applied Developmental Psychology
DEP4104 - Advanced Child Psychology
DEP4304 - Advanced Adolescent Psychology

DEP4464 - Psychology of Aging
DEP4482 - Death and Dying
DEP6055 - Human Development
EAB3013C - Foundations of Experimental Analysis of Behavior Lab
EAB4703 - Behavior Modification
EXP3104 - Human Sensory Perception
EXP3412 - Learning Theory
EXP3461C - Human Learning and Performance
EXP3604 - Cognitive Psychology
EXP3680C - Experimental Cognitive Psychology
EXP3703C - Computer Applications in Psychological Research
EXP4252C - Human Factors and Ergonomics
EXP6506 - Learning and Cognition
INP4004 - Industrial Organizational Psychology
PCO4004 - Introduction to Counseling
PPE4003 - Theories of Personality
PPE6466 - Advanced Personality Theories
PSB3002 - Behavioral Neuroscience
PSB4113 - Principles of Biofeedback
PSB4434 - Neuropharmacology
PSB4930 - Advanced Topics in Behavioral Neuroscience
PSB6031 - Advanced Biopsychology
PSB6435 - Neuropharmacology
PSB6930 - Advanced Topics in Behavioral Neuroscience
PSY2012 - Introduction to Psychology
PSY2930 - Special Topics
PSY3021 - Professional Opportunities in Psychology Seminar
PSY3213 - Research Methods in Psychology
PSY3213L - Research Methods Lab
PSY3810 - Evolutionary Psychology
PSY3832 - Psychology of Sport
PSY3911 - Supervised Research
PSY4302C - Psychological Testing
PSY4604 - History of Psychology
PSY4774 - Close Relationships
PSY4870 - Conservation Psychology
PSY4904 - (GW) Honors Research
PSY4906 - Directed Individual Study
PSY4931 - Seminar
PSY4935 - Special Topics in Psychology
PSY4945 - Practicum in Applied Psychology
PSY4956 - Study Abroad in Psychology
PSY6214 - Research Design and Analysis I
PSY6217 - Research Design and Analysis II
PSY6607 - Current and Future Directions in Psychology
PSY6908 - Directed Individual Study
PSY6910 - Supervised Research
PSY6931 - Special Topics
PSY6932 - St:Seminar in Psychological Science
PSY6936 - Seminar on Discrimination, Marginalization, and Racism
PSY6937 - Colloquium in Psychological Research
PSY6971 - Thesis A
PSY6972 - Thesis B
PSY6973 - Thesis C
SOP2772 - Human Sexual Behavior
SOP3004 - Social Psychology
SOP3214C - Experimental Social Psychology
SOP3515 - Fundamentals of Conflict Transformation
SOP3723 - Culture and Psychology
SOP3742 - Psychology of Women
SOP3751 - Psychology and the Law
SOP6069 - Advanced Social and Personality Psychology

History Department

Department of History

Location: Building 9, Room 2501
Phone: (904) 620-2880
Web Address: www.unf.edu/coas/history

Dr. David Sheffler, Chair

The Program

Our program emphasizes the study of and research in the field of History. The study of history involves an understanding and appreciation of our cultural heritage, whether ancient or modern, eastern or western, humanistic or technological. It seeks to appreciate the values of our global civilization in its many parts. The study of history also stresses the importance of the historical perspective for understanding contemporary social, political, technological, and economic problems.

History depends upon the skills of communication and critical thinking. Knowledge has limited value unless it can be conveyed by word or picture, sight or sound. Studying history enables students to develop their creative and analytical powers, to learn the methodology of the discipline, to apply insights from other fields of thought, and to develop an understanding of a particular historical era.

History as a discipline is also committed to the liberal arts as the basic core of human knowledge. It contributes to the development of the individual's intellectual skills in preparation for employment. In addition, it encourages the creative and flexible thinking necessary to live in tomorrow's world of continuing change. Finally, the study of history can motivate students to pursue independent learning after college. It is essential that students appreciate the certainty of continuing change, develop the intellectual skills to respond to that change, and maintain a value system which enables them to understand the world and involve themselves in it.

Graduate Degree Program

The Department of History offers a Master of Arts (M.A.) in History. Courses in United States, European, African, Asian, and Latin American History are offered to fulfill degree requirements. By the end of the first year, students choose between thesis or non-thesis options, both of which require a minimum of 36 credit hours to complete.

For admissions requirements, see graduate school academics.

For questions regarding the application process or to begin an online application contact The Graduate School, (904) 620-1360.

For additional information or questions concerning the History Master's Degree, contact Chau Kelly, Graduate Coordinator.

Email address: chau.kelly@unf.edu. Telephone: 904-620-5234

The History Department also offers a limited number of Graduate Teaching Assistantships (GTAs). Students selected to serve as GTAs receive a substantial stipend plus a partial tuition waiver for up to two years. Graduate Teaching Assistants assist with history courses that typically have large enrollments. They facilitate discussions, grade course work, administer exams, meet with students, and engage in other instructional activities. They also assist in a variety of ways with Distance Learning courses. Get more information on Graduate Teaching Assistantships and the application process.

Scholarships are also available to graduate students through the Graduate School. For more information on scholarships, please see Graduate School costs and funding website.

For information on Graduate Teaching Assistantships and other funding opportunities for graduate students, please contact Chau Kelly, Graduate Coordinator, at chau.kelly@unf.edu.

Undergraduate Degree Program

The requirements for a History major assure that graduates will develop both depth and breadth of knowledge of geographical regions of the world, time periods in history, and thematic approaches to understanding social, political, and economic changes in human societies. A degree in History prepares students for graduate or professional schools, as well as a wide variety of careers in museums, archives, law, teaching, parks, business, government, public service and others. History stresses learning how to read critically, write effectively, and develop diverse yet rigorous bodies of knowledge. History majors will learn skills that open a world of career opportunities.

To ensure that this broad range of knowledge is obtained all History majors are required to take courses in:

- U.S. History
- European History
- Non-Western History
- Global History
- History Seminars

Each year, the Department of History offers two Travis Bates Memorial Scholarships to outstanding undergraduate History Majors. For more information on this scholarship, see College of Arts and Sciences Scholarships.

Undergraduate Minor Program

Minor in History

Students interested in history but majoring in another subject may get a minor in history.

The history minor provides students with an overall view about the people and events of the past. Students learn the various ways in which the past continues to shape the present.

The Program of Study for a minor in History is as follows:

Total of 15 credit hours

- No more than 3 semester hours, or 1 course carrying lower-level numbers may be used in the history minor.
- A minimum of 12 hours, or 4 courses, must be upper level.
- A minimum of 6 semester hours, or 2 courses, must be taken at UNF.
- 9 semester hours may be transferred towards the minor.
- A grade of C or better is required for all minor courses.

Select 5 History courses (3000/4000 level) from classes bearing the following prefixes:

- EUH, ASN, AMH, AFH, ASH, LAH

For more information on minors in History, please contact Dr. David Sheffler at david.sheffler@unf.edu.

Minors in other Fields

Asian Studies

Asian Studies is an interdisciplinary program administered by the Department of History. It is designed to facilitate an academic concentration in South, Southeast or East Asian civilization.

The faculty in Asian studies includes professors of religion, literature, philosophy, history, sociology, political science, business and education. Together, they offer a broad range of courses conceived to provide students both with the opportunity to encounter Asia from the perspective of its inhabitants and to employ a comparative perspective on the Asian contribution to world civilization.

Students minoring in Asian Studies must have the approval of a member of the Asian Studies Faculty. For more information please contact Dr. Chau Kelly at chau.kelly@unf.edu.

Ancient Studies

The Ancient Studies minor is an interdisciplinary program administered by the Department of History. The minor enables students to fashion a course of study imparting a broad yet coherent understanding of the civilization of the ancient world.

The faculty in Ancient Studies includes professors of religion, literature, languages, philosophy, and history. Together, they offer a range of courses conceived to provide students with the opportunity to encounter the ancient world from a variety of perspectives.

For more information please contact Dr. Philip Kaplan at pkaplan@unf.edu for more information.

Honors in History

History majors at UNF may participate in an Honors Program at UNF. The program is available to students in history who are intellectually mature and who seek the challenge of doing a major research project under the supervision of a faculty mentor. This program is especially recommended to students who are considering graduate work in history or another discipline, such as law, which requires substantial research and writing.

Students interested in earning honors in history should contact the department chairperson at (904) 620-1856 or email at david.sheffler@unf.edu.

Internships, Community Based Transformational Learning, and Study Abroad

The History Department offers students several opportunities for internships, classes that include a community based transformational learning component, and study abroad.

- Internships include supervised, history-based work opportunities at local museums, parks, and environmental organizations.
- We occasionally offer classes that include a significant community based transformational learning opportunity.
- We also offer opportunities for our students to study abroad in Europe, Latin America and other parts of the world.

For information on all of these opportunities, please contact the Chair of the History Department, Dr. David Sheffler, at 904-620-1856 and/or david.sheffler@unf.edu.

Programs

African American Studies/Diaspora, Minor
Ancient Studies, Minor
Gender Studies, Minor
History, BA
History, MA
History, Minor
Medical Humanities, Certificate (CU)
Public History, Certificate (CB)

Courses

AFH3100 - Ancient Africa to 1850
AFH3252 - War, Genocide, and HIV in Mod. Africa
AFH3301 - Ancient Egypt
AFH3450 - (FC) South Africa
AFH6935 - Readings in African History
AMH2000 - United States History Survey
AMH2010 - United States History to 1877
AMH2020 - United States History since 1877
AMH3111 - Early America
AMH3130 - American Revolution/Constitution
AMH3150 - An Emerging United States, 1789-1850
AMH3170 - Civil War/Reconstruction
AMH3202 - The United States Since World War I
AMH3223 - Reassembling the United States, 1877-1919
AMH3231 - The U.S. in Prosperity, Depression, and War, 1919-1945
AMH3271 - Post-WW II United States, 1945-1968
AMH3274 - U.S. Since 1968
AMH3312 - Gender and Women in the United States
AMH3402 - The American South Through the 19th Century
AMH3403 - The American South from the 20th Century
AMH3420 - Florida History
AMH3460 - American Cities and Suburbs
AMH3511 - The United States in World Affairs
AMH3530 - Immigration, the United States, and the World
AMH3544 - The 1960s and Vietnam
AMH3571 - Introduction to African-American History
AMH3580 - American Indian History
AMH3630 - Environmental History of the United States
AMH3673 - The Civil Rights Movement
AMH3932 - Selected Topics: US History
AMH4291 - Seminar: 20th Century America
AMH4390 - Seminar: 19th Century U.S.
AMH4491 - Seminar: Local History
AMH4497 - Seminar: History of the American City
AMH4584 - Native Southerners
AMH4906 - Directed Individual Study
AMH5515 - U.S. in World Affairs
AMH5587 - Native Southerners
AMH5934 - Selected Topics: US History
AMH6429 - Early Florida
AMH6905 - Readings in American History I
AMH6907 - Readings in American History II
AMH6935 - Directed Reading in American History
AMH6936 - Seminar in American History
ASH3200 - (FC) - Ancient Near East
ASH3201 - (FC) Ancient Israel
ASH3223 - (FC) Middle East
ASH3337 - (FC) Gandhi and Modern India
ASH3401 - Contemporary China
ASH3402 - Traditional China
ASH3404 - Modern China
ASH3440 - (FC) Japanese Civilization
ASH3441 - Japan Before 1868
ASH3448 - (FC) Hiroshima
ASH3620 - (FC) Asian Art and Culture
ASH3932 - Selected Topics: Asian History
ASH4234 - Seminar: Ottoman History
ASH4641 - Seminar: War and Migration in the Middle East
ASH4934 - Seminar: Asian History
ASH5235 - Ottoman History
ASH5445 - Japan Before 1868
ASH5447 - Japan After 1868
ASH5642 - War and Migration in the Middle East
ASH5935 - Special Topics: Asian History
ASH6936 - Seminar in Asian History
ASN2003 - Introduction to Asia
ASN3106 - (FC) Women and Gender in East Asia
EUH3013 - Greek and Roman Myth
EUH3120 - Medieval Europe
EUH3124 - The Crusades
EUH3142 - Renaissance-Reformation
EUH3206 - 20th Century Europe
EUH3241 - The Holocaust
EUH3403 - (FC) Ancient Greece
EUH3411 - (FC) Ancient Rome
EUH3451 - France Since 1789
EUH3462 - Modern Germany
EUH3465 - Nazi Germany: Power, Society, and War in Hitler's Reich
EUH3466 - (FC) Germany Today
EUH3511 - Tudor-Stuart England, 1485-1714
EUH3932 - Selected Topics: European History
EUH4103 - From Homer to Herodotus: Greece in the Archaic Age
EUH4171 - Seminar: Medieval Heresy
EUH4172 - Seminar: Medieval Apocalypticism
EUH4404 - The Peloponnesian War
EUH4408 - Alexander the Great
EUH4932 - Seminar: Ancient/Medieval History
EUH5125 - The Crusades
EUH5176 - Medieval Heresy
EUH5179 - Medieval Apocalypticism
EUH5934 - Selected Topics: European History
EUH6905 - Readings in European History I
EUH6906 - Readings in European History II
EUH6936 - Seminar in European History
HIS3051 - (GW) The Craft of the Historian
HIS3402 - Urban Environmental History and Sustainability
HIS3490 - History of Medicine and Disease
HIS3932 - Selected Topics:History
HIS4266 - Comparative Empires
HIS4491 - Seminar: Science Medicine and Culture
HIS4906 - Directed Individual Study
HIS4936 - Seminars
HIS4940 - Internship in History
HIS5067 - Public History
HIS5077 - Oral History
HIS5165 - Digital History
HIS5268 - Comparative Empires
HIS5302 - History in Photography and Film
HIS5497 - Science Medicine and Culture
HIS5934 - Special Topics in History
HIS6208 - History of Human Rights
HIS6317 - Sex and Gender in History
HIS6498 - Plato to Nato in Science and Medicine
HIS6905 - Directed Independent Study
HIS6915 - Public History Seminar
HIS6935 - Special Topics in History

HIS6946 - Internship in History
HIS6971 - Thesis Research
IDS4910 - Liberal Studies Exposition
LAH3300 - (FC) Latin America
LAH3424 - (FC) Aztecs/Incas/Mayas
LAH3736 - (FC) Modern Latin American History Through Film
LAH3932 - Selected Topics: Latin American History
LAH4024 - Latin America and the World
LAH4741 - Rebellion and Revolution in Latin America
LAH4932 - Seminar: Latin American History
LAH5026 - Latin America and the World
LAH5745 - Rebellion and Revolution in Latin America
LAH5934 - Selected Topics: Latin American History
LAH6305 - US-Latin American Affairs
LAH6905 - Readings in Latin American History I
LAH6906 - Readings in Latin American History II
LAH6936 - Seminar: Latin American History
WOH1012 - (GW) World History I
WOH1022 - (GW) World History II

Communication Department

School of Communication

Location: Building 14D, Room 2002
Phone: (904) 620-2651
Web Address:www.unf.edu/coas/communication/
Dr. John H. Parmelee, Director
Director's e-mail: jparmele@unf.edu

Undergraduate Major Degree Programs

The School of Communication offers the Bachelor of Science degree in Communication. The B.S. in Communication is accredited by the Accrediting Council on Education in Journalism and Mass Communications. Our majors select one of four professionally oriented concentrations:

- Advertising
- Digital Video Production
- Multimedia Journalism
- Public Relations

The B.S. in Communication prepares students for mass media jobs in journalism, advertising, public relations, and production.

The school also offers a Bachelor of Arts degree in Communication Studies. The B.A. in Communication Studies focuses on interpersonal, mediated, and organizational communication. The B.A. in Communication Studies prepares students for positions in the public, private, nonprofit, and governmental sectors in which critical thinking, research methods and effective communication skills are required.

Additional information can be found on the School of Communication's Undergraduate Programs website.

Undergraduate Minor Degree Programs

The school offers four minor programs:

- Communication Studies
- Mass Communication
- Political Campaigns
- Social Media

Graduate Program

The School of Communication also offers a Master of Science degree in Communication Management.

Students learn about ethical and legal issues in business and communication, metrics, media management and strategy. Graduates can apply the degree to jobs within public relations firms, advertising agencies, news outlets, production companies, healthcare companies, government agencies and corporate communication departments. The 36-credit degree is an innovative collaboration in which the School of Communication provides the core courses, while students customize their degree by choosing from one of five outside concentrations: Business, Leadership, Nonprofit Management, Public Management, and Public Health. Additional information about this program can be found on the School of Communication's Graduate Program website.

Transformational Learning

UNF Communication students engage in community-based learning in all of our concentrations. Multimedia Journalism students research and write stories for local and national news outlets, and also produce "Inside Jacksonville," a news show, and other TV programming. Digital Video Production students make documentaries that are screened locally and internationally. Every semester Advertising and Public Relations students create fully planned campaigns for First Coast area non-profit organizations. In addition, during every term nearly 100 Communication majors complete professional internships.

Programs

Advertising, BS
Communication Management, MS
Social Media, Minor
Communication Studies, BA
Communication Studies, Minor
Digital Video Production, BS
Mass Communication, Minor
Multimedia Journalism, BS
Public Relations, BS

Courses

ADV3008 - Principles of Advertising
ADV3101 - Advertising Creative Strategy

ADV3200C - Advertising Design
ADV3203 - Advertising Media Graphics
ADV3300 - Media Planning
ADV3812 - Integrated Marketing Communication
ADV4404 - Strategic Branding
ADV4800 - Advertising Campaigns
ADV4930 - Special Topics in Advertising
ADV5408 - Strategic Branding
COM3003 - Principles of Communication Studies
COM3042 - Communication in Relationships
COM3120 - Organizational Communication
COM3332 - Mediated Communication
COM3440 - Small Group Communication
COM3752 - Listening
COM3940 - Pre-internship in Communication Studies
COM4022 - Theory and Research Methods in Health Communication
COM4044 - Lying and Deception
COM4301 - Communication Theory and Research Methods
COM4373 - Consequences of Cyberculture
COM4411 - Communication and Popular Culture
COM4430 - International Communication
COM4561 - Strategic Social Media
COM4905 - Independent Study
COM4930 - Special Topics in Communication Studies
COM4945 - Internship Senior Project
COM5046 - Interpersonal Communication
COM5126 - Organizational Communication
COM5226 - Theory and Research Methods in Health Communication
COM5627 - Lying and Deception
JOU3109 - Multimedia Reporting
JOU3308 - Magazine Feature Writing
JOU3342 - Multimedia Storytelling
JOU3925 - Applied Journalism
JOU4117 - Seminar in Reporting Techniques
JOU4228 - Advanced News Design
JOU4348 - Advanced Multimedia Storytelling
JOU4930 - Special Topics in Journalism
MMC1004 - Media Literacy
MMC2701 - Communicating Across Cultures
MMC3002 - Social Media for Communication
MMC3105 - Advanced Writing for the Media
MMC3200 - Law and Ethics of Communications
MMC3342 - Content Creation Tools
MMC3402 - Political Advertising
MMC3614 - Media Theories and Effects
MMC3703 - Multimedia Storytelling in Sports
MMC3711 - Multimedia Graphics
MMC3942 - Pre Internship in Communication
MMC4251 - Creating Health Messages for Mass Media
MMC4403 - Mass Communication Research & Theory
MMC4420 - Mass Communications Research
MMC4422 - Advertising & PR Research
MMC4500 - History of Mass Communication
MMC4630 - Understanding Emerging Media
MMC4732 - Social Media Management
MMC4905 - Independent Study
MMC4930 - Special Topics in Mass Communication
MMC4975 - Internship Senior Project
MMC5267 - Current Issues in Emerging Media
MMC5738 - Strategic Social Media
MMC5946 - Internship in Communication Management
MMC6006 - Strategic Communication Theory
MMC6206 - Ethics in Communication Management
MMC6256 - Foundations of Communication Management
MMC6421 - Quantitative Research Methods in Mass Communication
MMC6426 - Qualitative Research Methods in Mass Communication
MMC6730 - Social Media Management
MMC6971 - Thesis/Applied Research Project
PUR3000 - Principles of Public Relations
PUR3100 - Public Relations Writing
PUR4400 - Crisis Communications
PUR4450 - Public Relations and Event Planning
PUR4800 - Public Relations Campaigns
PUR4801 - Public Relations Cases
RTV3001 - Principles of Broadcasting
RTV3220C - Television Production/Visual Arts Television
RTV3221 - Digital Video Editing
RTV3228 - Multi Camera Video Production
RTV3260 - Single Camera Video Production
RTV3545 - Multimedia Sports Production
RTV3601 - Multimedia Announcing and Performance
RTV3631 - Producing TV News
RTV4225 - Corporate Production
RTV4291 - Narrative Production
RTV4330 - Documentary Fundamentals
RTV4403 - Media Criticism
RTV4408 - Non-Fiction Programs: A Critical Analysis
RTV4581 - Lighting for Production
RTV4612 - Digital Video Effects
RTV4661 - Advanced Television Production
RTV4930 - Special Topics in Electronic Media
RTV5801 - Media Management
SPC2608 - Fundamentals of Speech
SPC3540 - Theories of Persuasion
SPC4064 - Public Speaking for Professionals

Music Department

School of Music

Location: Building 45, Room 2004
Phone: (904) 620-2960
Web Address: www.unf.edu/coas/music/
Dr. Clarence Hines, Director

The Undergraduate Program

The School of Music provides instruction leading to accredited Bachelor's degrees in Music Performance, Jazz Studies and Music Education. Coursework in music degree programs begins in the freshman year and culminates in the senior year with a final recital spanning the knowledge and skill gained throughout the program of study. The School of Music offers specialized admissions programs. Students who wish to pursue a degree in music must successfully pass a music audition for entrance into a music degree program and must maintain both the academic and musical performance standards to remain as a music major. This includes academic record, ensemble participation, and successful completion of semester performance jury examinations.

The Graduate Program

The School of Music offers Master's Degrees in Jazz Studies, Music Education, Performance, and Conducting. The Master of Music degrees are 36 credit hours with a two-year residency. These degrees provide students the opportunity to develop skills as performers and conductors while working with an internationally recognized faculty and excellent ensembles. The conducting program is well suited to students who have completed Bachelor's Degrees in Music Performance and Music Education. Classes are scheduled to allow music educators, and other music professionals in Northeast Florida to pursue the degree while maintaining full-time employment.

The Major

After auditioning and being accepted by the music faculty, the student must select a degree track as a music major. Each degree consists of a unique program of study that should be followed in order to complete sequential course offerings and to complete degree requirements. A music major receiving a "C" or below in applied music will be placed on probation and will be required to repeat the course. A music major receiving a "D" or below in a non-applied music course will be placed on probation and will be required to repeat the course. All music courses can only be repeated once while on probation. Should a student not make satisfactory progress in any music course after being placed on probation, the student will be expelled from the program. Conduct not deemed appropriate is also grounds for probation and dismissal. The probation period is one subsequent semester. All majors must fulfill the University's general education requirements and the College of Arts and Sciences graduation requirements. The minimum total hours required for all four-year degrees is 120 credit hours.

Approved Minors in Music

At this time the School of Music does not offer a music minor, however, we offer certificates in Conducting, Choral Conducting, Music Performance, Music Technology and Production. Interested students may also enroll in a variety of music courses for general education or elective credit. Music ensembles are also available for audition and enrollment in both the classical and jazz areas. For more ensemble information contact the School of Music at (904) 620-2961 or visit www.unf.edu/coas/music/.

Accreditation

The University of North Florida is an accredited institutional member of the National Association of Schools of Music (NASM).

NASM can be contacted at:

11250 Roger Bacon Drive, Suite 21
Reston, VA 20190-5248
(703) 437-0700
https://nasm.arts-accredit.org

School of Music Faculty

Since its founding in 1972, the University of North Florida School of Music's specialized admissions have cultivated close faculty-student relationships while upholding the highest standards of musical excellence. The many awards and endorsements the School has received attest to its reputation as one of the nation's premier music programs. With a strong emphasis on American Music and a faculty comprised of distinguished artists and practitioners, UNF's School of Music offers an inspiring, personalized environment where students can truly thrive.

Clarence Hines, Associate Professor & Director

Lynne Arriale, Professor
Erin K. Bennett, Associate Professor
Erin N. Bodnar, Assistant Professor
Michael A. Bovenzi, Associate Professor
Gordon Brock, Professor Emeritus
James N. Curry, Professor
John Daugherty, Assistant Professor
Todd T. DelGiudice, Associate Professor
Marcus Dickman, Associate Professor
Stephen J. Gosden, Instructor
Daniel R. Gottlieb, Professor
Bunky Green, Professor Emeritus
Barry R. Greene, Professor
Timothy J. Groulx, Associate Professor
James C. Hall, Associate Professor
Charlotte Mabrey, Professor Emeritus
Dennis J. Marks, Associate Professor
Jack Miller, Visiting Instructor
Bill Prince, Professor Emeritus
Marguerite Richardson, Visiting Instructor
David Salkowski, Assistant Professor
James B. Scott, Associate Professor
Simon Shiao, Associate Professor
Sunshine Simmons, Associate Professor
Gary L. Smart, Professor
Myung OK Song-Ross, Visiting Instructor
Cara S. Tasher, Professor
Randall C. Tinnin, Professor
Andrea Venet, Associate Professor
Kristen Zelenak, Visiting Instructor

Programs

Jazz Studies, BM
Conducting, Certificate (CU)
Music Technology, Certificate (CU)
Music Education, BME
Music Education: Professional Education, MME
Music Education: Pedagogy and Research, MME
Music Performance, BM
Music Performance, MM
Performers Program, Certificate (CB)
Performers Program, Certificate (CU)
Sacred Music, Certificate (CU)

Courses

HUM3524 - (FC) Great Age of Vienna
MUC2211 - Music Composition I
MUC2221 - Music Composition II
MUC3231 - Music Composition III
MUC3232 - Music Composition IV
MUC3620 - Jazz Composition
MUC4241 - Music Composition V
MUC4242 - Music Composition VI
MUE2040 - Foundations of Music Education
MUE2410 - Choral Techniques for Instrumentalists
MUE2420 - World Drumming Techniques and Pedagogy
MUE2440 - Violin and Viola Techniques and Pedagogy
MUE2442 - Cello and String Bass Techniques and Pedagogy
MUE2445 - Guitar Techniques and Pedagogy
MUE2450 - Clarinet and Saxophone Techniques and Pedagogy
MUE2451 - Oboe and Bassoon Techniques and Pedagogy
MUE2453 - Flute Techniques and Pedagogy
MUE2460 - Trumpet and Horn Techniques and Pedagogy
MUE2463 - Low Brass Techniques and Pedagogy
MUE2470 - Percussion Techniques
MUE2490 - Conducting Lab Ensemble
MUE3392 - Managing Music Classrooms and Program Administration
MUE3481 - Jazz Pedagogy
MUE3693 - Technology in Music Education
MUE4311 - Teaching Elementary Music
MUE4331 - Teaching Secondary Choral Music
MUE4332 - Teaching Secondary Instrumental Music
MUE4434 - Musical Theater Techniques
MUE4480 - Marching Band Techniques
MUE4940 - Internship in Music Education
MUE5316 - Teaching Elementary Music Programs
MUE5336 - Teaching Secondary Choral Music Programs
MUE5338 - Teaching Secondary Instrumental Music Programs
MUE5488 - Instrumental Techniques and Pedagogy
MUE6080 - Historical and Philosophical Foundations of Music Education
MUE6085 - History of Music Education
MUE6695 - Contemporary Issues in Pedagogy and Curriculum
MUE6785 - Research in Music Education
MUE6790 - Graduate Capstone in Music Education
MUE6835 - Philosophy of Music Education
MUE6946 - Graduate Music Education Internship
MUG3104 - Basic Conducting
MUG4102 - Conducting Intensive
MUG4109 - Applied Conducting
MUG4202 - Advanced Choral Conducting
MUG4241 - Choral Conducting and Literature Seminar
MUG4301 - Instrumental Conducting and Literature Seminar
MUG4302 - Advanced Instrumental Conducting
MUG4401 - Score Study and Preparation
MUG4701 - Choral-Orchestral Masterworks
MUG6103 - Conducting Intensive
MUG6205 - Advanced Choral Conducting
MUG6206 - Applied Choral Conducting
MUG6256 - Choral Conducting and Literature Seminar
MUG6305 - Advanced Instrumental Conducting
MUG6306 - Applied Instrumental Conducting
MUG6356 - Instrumental Conducting and Literature Seminar
MUG6402 - Score Study and Preparation
MUG6954 - Graduate Conducting Lecture Recital
MUG6957 - Graduate Conducting Recital
MUH2012 - Enjoyment of Music
MUH2015 - American Music: Past and Present
MUH2017 - The History and Appreciation of Rock
MUH2018 - The Evolution of Jazz
MUH2501 - World Music
MUH3024 - Evolution of Jazz II
MUH3055 - FC - African American Musical Heritage
MUH3211 - Music History I
MUH3212 - Music History II
MUH3215 - Western Music History and Popular Cultures I
MUH3216 - Western Music History and Popular Cultures II
MUH3373 - History of the Beatles
MUH4371 - Topics in 20th Century Music History
MUH4633 - Topics in American Music
MUH4662 - History of Film Music
MUH4664 - History of Electronic Music
MUH5635 - Topics in American Music
MUH5666 - History of Film Music
MUH5675 - Topics in 20th Century Music History
MUH5807 - Evolution of Jazz 2
MUH6684 - Perspectives in Music History
MUL2010 - Introduction to Music Literature
MUL4400 - Piano Literature I
MUL4401 - Piano Literature II
MUL4420 - String Chamber Music Literature
MUL4434 - Harp Literature
MUL4441 - Woodwind Literature
MUL4442 - Brass Literature
MUL4460 - Percussion Literature
MUL4550 - Instrumental Literature
MUL4602 - Vocal Literature
MUL4643 - Choral Literature
MUL5567 - Instrumental Literature
MUL6416 - Special Topics in Piano Literature
MUL6452 - Woodwind Literature
MUL6453 - Brass Literature
MUL6465 - Percussion Literature
MUL6606 - Vocal Literature
MUL6645 - Choral Literature
MUL6654 - Choral-Orchestral Masterworks
MUM1611 - Concert Recording
MUM1620 - Audio and Acoustics
MUM1622 - Introduction to Sound Reinforcement
MUM1630 - Introduction to Digital Audio
MUM2634 - Digital Audio Production
MUM2677 - Sound Reinforcement and Music Production
MUM2942 - Music Technology Practicum
MUM3633 - Intro to Max
MUM3701 - The Music Business
MUM4014 - Seminar in Music Technology
MUM4613 - Music Studio Recording Techniques
MUM4636 - Audio for Media Applications
MUM4729 - Electronic Music Production Techniques
MUM4943 - Internship in Music Technology
MUN2120 - Concert Band (Lower)
MUN2140 - Wind Symphony

MUN2210 - Orchestra
MUN2310 - UNF Chorale (Lower)
MUN2510 - Collaborative Piano I
MUN2710 - Jazz Ensemble-Lower Level
MUN3103 - Pep Band-Upper Level
MUN3116 - UNF Drumline
MUN3123 - Concert Band (Upper)
MUN3143 - Wind Symphony
MUN3163 - Brass Band
MUN3233 - Opera Pit Orchestra
MUN3313 - UNF Chorale (Upper)
MUN3323 - Osprey Treble Chorus
MUN3333 - UNF Men's Chorale
MUN3343 - Chamber Singers
MUN3404 - Clarinet Quartet Ensemble
MUN3405 - Clarinet Choir
MUN3406 - Woodwind Quartet
MUN3411 - String Chamber Ensemble
MUN3413 - Orchestra
MUN3414 - String Choir
MUN3422 - Clarinet Trio Ensemble
MUN3424 - Woodwind Quintet
MUN3426 - Saxophone Quartet
MUN3427 - Flute Ensemble
MUN3431 - Brass Chamber Ensemble
MUN3433 - Brass Choir
MUN3438 - Trumpet Ensemble
MUN3443 - Percussion Ensemble
MUN3453 - Piano Ensemble
MUN3463 - Mixed Chamber Music Ensemble
MUN3483 - Jazz Guitar Ensemble
MUN3513 - Collaborative Piano II
MUN3713 - Jazz Ensemble
MUN4462 - String-Piano Sonata Class
MUN4714 - Jazz Combo (Small Group)
MUN5467 - String-Piano Sonata Class
MUN6007 - Graduate Chorale
MUN6125 - Concert Band
MUN6145 - Wind Symphony
MUN6215 - Orchestra
MUN6315 - Graduate Choral Ensemble
MUN6345 - Graduate Chamber Singers
MUN6435 - Brass Chamber Ensemble
MUN6445 - Graduate Percussion Ensemble
MUN6465 - Graduate Chamber Music
MUN6466 - Instrumental Ensemble Performance
MUN6497 - Trumpet Ensemble
MUN6515 - Piano Accompanying
MUN6715 - Jazz Ensemble
MUN6716 - Jazz Combo
MUO3006 - Summer Musical Theater Intensive
MUO3401 - Opera Workshop
MUO3503 - Opera Ensemble
MUO3600 - Opera Mainstage
MUO6609 - Opera Mainstage
MUO6655 - Opera Ensemble
MUS1010 - Performance Laboratory
MUS1011 - Concert Attendance
MUS1020 - Performance, Practice, and Critique
MUS2221 - French Diction
MUS2231 - German Diction
MUS2241 - Italian Diction
MUS3340 - Computer MIDI Score
MUS3930 - Special Topics in Music
MUS3931 - Eminent Scholars Seminar
MUS4752 - Music Study Abroad Experience
MUS4803 - Body Mapping
MUS4905 - Directed Individual Studies
MUS4970 - Senior Recital
MUS5325 - The Music Business
MUS5661 - Philosophy of Music
MUS5711 - Bibliography
MUS5808 - Body Mapping
MUS5930 - Special Topics in Music
MUS6205 - Lyric Diction
MUS6616 - Psychology of Music
MUS6901 - Directed Individual Studies
MUS6960 - Comprehensive Oral Examination
MUT1011 - Fundamentals of Music
MUT1111 - Theory I
MUT1112 - Theory II
MUT1241 - Aural Theory I
MUT1242 - Aural Theory II
MUT1361 - Jazz Fundamentals I
MUT1362 - Jazz Fundamentals II
MUT2116 - Theory III
MUT2117 - Theory IV
MUT2246 - Aural Theory III
MUT2247 - Aural Theory IV
MUT2641 - Jazz Improvisation I
MUT2642 - Jazz Improvisation II
MUT3611 - Form and Analysis
MUT3631 - Tonal Improvisation
MUT3643 - Jazz Improvisation III
MUT3644 - Jazz Improvisation IV
MUT3648 - Vocal Improvisation/Piano III
MUT3649 - Vocal Improvisation/Piano IV
MUT3651 - Classical Harmony
MUT4311 - Orchestration
MUT4365 - Jazz Arranging I
MUT4366 - Jazz Arranging II
MUT4369 - Jazz Arranging III
MUT4421 - 18th Century Counterpoint
MUT4564 - Nineteenth-Century Chromatic Harmony
MUT4626 - 20th Century Music Theory
MUT4650 - Composition and Improvisation
MUT4663 - Jazz Styles and Analysis I
MUT4664 - Jazz Styles and Analysis II
MUT5316 - Orchestration
MUT5426 - 18th Century Counterpoint
MUT5566 - Nineteenth-Century Chromatic Harmony
MUT5575 - 20th-Century Music Theory
MUT5613 - Form and Analysis
MUT5666 - Jazz Styles and Analysis I
MUT5667 - Jazz Styles and Analysis II
MUT6355 - Jazz Arranging III
MUT6761 - Perspectives in Music Theory
MVB1311 - Applied Trumpet
MVB1312 - Applied French Horn I
MVB1313 - Applied Trombone
MVB1314 - Applied Euphonium
MVB1315 - Applied Tuba
MVB2321 - Applied Trumpet
MVB2322 - Applied French Horn II
MVB2323 - Applied Trombone
MVB2324 - Applied Euphonium
MVB2325 - Applied Tuba
MVB3331 - Applied Trumpet
MVB3332 - Applied French Horn III
MVB3333 - Applied Trombone
MVB3334 - Applied Euphonium
MVB3335 - Applied Tuba
MVB4341 - Applied Trumpet
MVB4342 - Applied French Horn IV

MVB4343 - Applied Trombone
MVB4344 - Applied Euphonium
MVB4345 - Applied Tuba
MVB4640 - Brass Pedagogy
MVB6451 - Applied Trumpet
MVB6452 - Applied French Horn
MVB6453 - Applied Trombone
MVB6454 - Applied Euphonium
MVB6455 - Applied Tuba
MVB6650 - Brass Pedagogy
MVJ1010 - Jazz Piano I
MVJ1016 - Applied Jazz Saxophone I
MVJ1018 - Applied Jazz Trombone I
MVJ1210 - Jazz Piano II
MVJ1318 - Applied Jazz Bass I
MVJ1319 - Applied Set Drums
MVJ1743 - Jazz Guitar Master Class I
MVJ2228 - Applied Jazz Trombone II
MVJ2326 - Applied Jazz Saxophone II
MVJ2328 - Applied Jazz Bass II
MVJ2329 - Applied Set Drums
MVJ3238 - Applied Jazz Trombone III
MVJ3338 - Applied Jazz Bass III
MVJ3339 - Applied Set Drums
MVJ3436 - Applied Jazz Saxophone III
MVJ3531 - Applied Jazz Improvisation
MVJ4346 - Applied Jazz Saxophone IV
MVJ4347 - Applied Jazz Trombone IV
MVJ4348 - Applied Jazz Bass IV
MVJ4349 - Applied Set Drums
MVJ6450 - Applied Jazz Piano
MVJ6453 - Applied Guitar
MVJ6454 - Applied Jazz Bass
MVJ6455 - Applied Set Drums
MVJ6456 - Applied Jazz Saxophone
MVJ6457 - Applied Jazz Trumpet
MVJ6458 - Applied Jazz Trombone
MVK1111 - Class Piano I
MVK1112 - Class Piano II
MVK1311 - Applied Piano
MVK1313 - Applied Organ
MVK2021L - Piano Elective for Non-Majors
MVK2121 - Class Piano III
MVK2122 - Class Piano IV
MVK2321 - Applied Piano
MVK2323 - Applied Organ
MVK2750 - Piano Studio Class
MVK3331 - Applied Piano
MVK3333 - Applied Organ
MVK3631 - Elementary Piano Pedagogy
MVK3632 - Intermediate Piano Pedagogy
MVK3702 - Choral Accompanying
MVK4241 - Piano Elective
MVK4341 - Applied Piano
MVK4343 - Applied Organ
MVK4603 - Pedagogy of Group Piano
MVK4641 - Advanced Piano Pedagogy
MVK4941 - Internship in Piano Pedagogy I
MVK4942 - Internship in Piano Pedagogy II
MVK5607 - Pedagogy of Group Piano
MVK6451 - Applied Piano
MVK6650 - Seminar in Piano Pedagogy
MVK6755 - Piano Studio Class
MVO6451 - Graduate Recital
MVO6452 - Graduate Chamber Recital
MVP1311 - Applied Percussion
MVP2321 - Applied Percussion
MVP2323 - Applied Timpani
MVP2324 - Applied Orchestral Percussion
MVP3331 - Applied Percussion
MVP3333 - Applied Timpani
MVP3334 - Applied Orchestral Percussion
MVP4341 - Applied Percussion
MVP4343 - Applied Timpani
MVP4344 - Applied Orchestral Percussion
MVP4640 - Percussion Pedagogy
MVP6451 - Applied Percussion
MVP6650 - Percussion Pedagogy
MVS1314 - Applied String Bass
MVS1316 - Applied Guitar
MVS1411 - Applied Violin I
MVS1412 - Applied Viola I
MVS1413 - Applied Violoncello I
MVS2324 - Applied String Bass
MVS2326 - Applied Guitar
MVS2421 - Applied Violin II
MVS2422 - Applied Viola II
MVS2423 - Applied Violoncello II
MVS2703 - Cello Class
MVS3334 - Applied String Bass
MVS3336 - Applied Guitar
MVS3431 - Applied Violin III
MVS3432 - Applied Viola III
MVS3433 - Applied Violoncello III
MVS3530 - Violin and Viola Repertory I
MVS3531 - Violin and Viola Repertory II
MVS3532 - Cello and Bass Repertory I
MVS3533 - Cello and Bass Repertory II
MVS3630 - Cello and Bass Pedagogy
MVS3640 - Violin and Viola Pedagogy
MVS4344 - Applied String Bass
MVS4346 - Applied Guitar
MVS4441 - Applied Violin IV
MVS4442 - Applied Viola IV
MVS4443 - Applied Violoncello IV
MVS4542 - Violin Orchestra Repertory
MVS4543 - Viola Orchestra Repertory
MVS4544 - Cello Orchestra Repertory
MVS4547 - Bass Orchestra Repertory
MVS4641 - Advanced Violin and Viola Pedagogy
MVS4642 - Advanced Cello and Bass Pedagogy
MVS6451 - Applied Violin
MVS6452 - Applied Viola
MVS6453 - Applied Cello
MVS6454 - Applied Bass
MVS6455 - Applied Harp
MVS6551 - Violin Orchestra Repertory
MVS6552 - Viola Orchestra Repertory
MVS6553 - Cello Orchestra Repertory
MVS6554 - Bass Orchestra Repertory
MVS6555 - Harp Orchestra Repertory
MVS6653 - Advanced Violin and Viola Pedagogy
MVS6654 - Advanced Cello and Bass Pedagogy
MVS6655 - Advanced Harp Pedagogy
MVS6976 - Graduate String Recital
MVS6977 - Graduate String Chamber Recital
MVV1111 - Class Voice
MVV1311 - Applied Voice
MVV1871 - Voice for Non-majors I
MVV2321 - Applied Voice
MVV2872 - Voice for Non-majors II
MVV3331 - Applied Voice
MVV3876 - Voice for Non-majors III
MVV3970 - Junior Voice Recital

MVV4341 - Applied Voice
MVV4640 - Vocal Pedagogy
MVV4877 - Voice for Non-majors IV
MVV4971 - Senior Voice Recital
MVV6451 - Applied Voice
MVV6651 - Vocal Pedagogy
MVV6976 - Graduate Voice Recital
MVW1211 - Secondary Flute I
MVW1213 - Secondary Clarinet I
MVW1311 - Applied Flute I
MVW1312 - Applied Oboe I
MVW1313 - Applied Clarinet I
MVW1314 - Applied Bassoon I
MVW1315 - Applied Saxophone
MVW2221 - Secondary Flute II
MVW2223 - Secondary Clarinet II
MVW2321 - Applied Flute II
MVW2322 - Applied Oboe II
MVW2323 - Applied Clarinet II
MVW2324 - Applied Bassoon II
MVW2325 - Applied Saxophone
MVW3231 - Secondary Flute III
MVW3233 - Secondary Clarinet III
MVW3331 - Applied Flute III
MVW3332 - Applied Oboe III
MVW3333 - Applied Clarinet III
MVW3334 - Applied Bassoon
MVW3335 - Applied Saxophone
MVW4241 - Secondary Flute IV
MVW4243 - Secondary Clarinet IV
MVW4341 - Applied Flute IV
MVW4342 - Applied Oboe IV
MVW4343 - Applied Clarinet IV
MVW4344 - Applied Bassoon
MVW4345 - Applied Saxophone
MVW4640 - Woodwind Pedagogy
MVW6451 - Applied Flute
MVW6452 - Applied Oboe
MVW6453 - Applied Clarinet
MVW6454 - Applied Bassoon
MVW6455 - Applied Saxophone
MVW6650 - Woodwind Pedagogy

Soc, Anthro, & Social Wk Department

Department of Sociology, Anthropology, and Social Work

Location: Building 51, Room 2304
Phone: (904) 620-2850
Web Address: www.unf.edu/coas/sasw/
Gordon Rakita, Chair

Department Accreditation Status

The Department of Sociology, Anthropology, and Social Work's Bachelor of Social Work (BSW) and Master of Social Work (MSW) programs are accredited by the Council on Social Work Education (CSWE).

The Program

The Department of Sociology, Anthropology, and Social Work includes faculty and degree programs in three disciplines: Sociology, Anthropology, and Social Work. All share a common focus on human behavior, though their specific emphases differ.

Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Sociologists investigate the structure of groups, organizations, and societies, and how people navigate and interact within these contexts. As a social science, sociology employs a rigorous methodology that includes both quantitative and qualitative data analysis. Central areas of sociological inquiry include social class, race and ethnicity, gender, religion, urban life, work and organizations, social welfare, family, politics, and international development. UNF's Sociology faculty have expertise across these areas and maintain active research agendas. They bring knowledge and passion into the classroom, and many of our faculty have involved students in research projects.

Anthropology is the systematic study of humanity from a holistic, cross-cultural, and historical perspective. It draws insights from a variety of disciplinary lenses, including the social sciences, the humanities, and the biological sciences. The goal of anthropological research is a deep and rich understanding of who we are as humans, how we have changed, and why we are as we are. UNF's Anthropology program provides rigorous training in sociocultural anthropology, linguistic anthropology, archaeology, and physical anthropology. In addition, students learn to apply their anthropological knowledge to real-world human problems at the local or international level. The UNF Anthropology faculty represent the diversity of discipline and are active in publishing and presenting their research.

Social workers routinely provide services in the areas of child welfare, housing assistance, disaster relief, mental health, substance abuse, crisis intervention, vocational training, hospice and palliative care, juvenile justice and corrections, and victim advocacy. UNF's Social Work program provides generalist and advanced generalist training in the theory and practice of social work with diverse individuals, groups, families, and communities. The program includes a substantial field education component, placing students in local agencies like those where they would work as professionals. UNF's Social Work faculty have extensive academic training as well as practical experience in the field.

Undergraduate Major Degree Programs

The Department offers BA degrees in Sociology and in Anthropology, and a BSW in Social Work. All majors must fulfill the University's general education requirements and the College of Arts and Sciences graduation requirements. The minimum total hours required for all four-year degrees is 120 credit hours.

Bachelor of Arts in Sociology (BA): The BA in Sociology (33 hours) provides students with a comprehensive understanding of the sociological perspective based on the systematic study of the interrelationship between the individual and larger social structural forces and institutions. The undergraduate curriculum is organized to cultivate the theoretical, methodological, empirical, and critical thinking skills -- central to both sociology and a broader liberal arts education. Sociology majors may opt to complete a concentration in Social Research to enhance their quantitative and qualitative research skills. The BA in Sociology requires a minor.

Bachelor of Arts in Anthropology (BA): The Bachelor of Arts in Anthropology (36 credit hours) is grounded in the discipline's four fields: archaeology, sociocultural anthropology, linguistic anthropology, and physical anthropology. Students take a core course in each of these areas, as well as courses in the theories, methods, and traditions of the discipline. Elective courses provide insights into the cultures and regions about which faculty have specialized knowledge (for instance, Southeast Asia or the Southeastern U.S.), or into specific topics of interest to Anthropologists (such as religion or globalization). Many students complement their coursework with applied research experiences in the Department's labs or the Archaeological Field School. Prerequisites include six hours of lower-level courses in Anthropology. The BA in Anthropology requires a minor.

Bachelor of Social Work (BSW): The Bachelor of Social Work degree is a 54-credit hour program designed to develop students' knowledge of social work and their skills in social work practice. The BSW program of study includes required courses in social work theory and practice, as well as electives that enhance students' knowledge of specific client populations and practice contexts. In their second year, all students will complete a two-semester supervised internship at an approved field site. The BSW is a specialized admissions program, admitting students in fall semester only. Full-time and part-time programs of study are available. BSW students are not required to complete a minor.

Undergraduate Minor Degree Programs

In addition to our BA and BSW programs, the Department offers minors in Sociology, Anthropology, Social Welfare, and Child Welfare. All of the Department's minors are 15 credit hours (some have additional prerequisite requirements).

Sociology: The Sociology Minor facilitates a basic understanding of the field through a required course in sociological theory and a choice of four additional upper-level electives.

Anthropology: The Anthropology Minor allows students to choose from a range of courses across this diverse field.

Social Welfare: The Social Welfare Minor requires courses in social welfare, human services and social diversity; electives further prepare students for work with a variety of client populations.

Child Welfare: The Child Welfare Minor is designed to prepare UNF students to work in child welfare settings upon graduation with a baccalaureate degree in a related discipline.

Graduate Degree Program

Master of Social Work (MSW): The University of North Florida (UNF) Master of Social Work (MSW) program fosters a commitment to creating social change through a holistic practice of social work that emphasizes the attainment of biopsychosocial-economic and spiritual wellbeing, especially among people who experience systematic marginalization and oppression. Through an educational experience founded on critical thinking, research, service, and social justice and enriched through diverse community partnerships, the program prepares professional advanced generalist social workers for multi-method clinical and administrative practice with individuals, families, groups, organizations, and communities.

Study Abroad/CBTL/Experiential Learning

The Department of Sociology, Anthropology, and Social Work has a strong record of providing students with learning opportunities outside the classroom. These include faculty-led study abroad trips, the Archaeological Field School, undergraduate research opportunities, internship opportunities, and community-based learning. Faculty have led students on study abroad trips (to Bali, Iceland, and the United Kingdom, most recently). The Anthropology program offers an Archaeological Field School each summer that allows students to examine native Floridian and early European sites near the UNF campus. Students who have conducted research in the contexts of their courses, honor projects, field school or independent studies are invited to present posters or papers at the Department's annual Student Research Symposium. All BSW and MSW students are required to complete internships as part of their program of study, and students in the Anthropology and Sociology programs may complete a supervised internship as an elective. The Department has ongoing relationships with nearly 100 local non-profit organizations and other agencies that welcome student interns.

Programs

Anthropology, BA
Anthropology, Minor
Child Welfare, Minor
Social Work: Advanced Standing, MSW
Social Work: Traditional Program, MSW
Sociology, BA
Sociology, Minor
Social Work, BSW
Social Welfare, Minor

Courses

ANG5472 - Globalization and Development
ANG5930 - Advanced Topics in Anthropology
ANT2000 - (CD) Introduction to Anthropology
ANT2140 - Great Discoveries in World Archaeology
ANT2423 - Kinship and the Family
ANT2930 - Special Topics in Anthropology
ANT3101 - Fundamentals of Archaeology
ANT3212 - (FC) Peoples and Cultures of the World
ANT3243 - (FC) Comparative Muslim Cultures
ANT3312 - (FC) North American Indians
ANT3321 - Peoples & Cultures of Mexico
ANT3355 - The African Diaspora
ANT3414 - Principles of Socio Cultural Anthropology
ANT3462 - Health, Illness and Culture
ANT3514 - Principles of Physical Anthropology
ANT3610 - Linguistic Anthropology
ANT3933 - Seminar in Anthropology
ANT4020 - Humans, Animals, and Culture
ANT4025 - The Anthropology of Death
ANT4034 - Theories and Issues in Cultural Anthropology
ANT4083 - Quantitative Methods in Anthropology
ANT4115 - Archaeological Research Strategies
ANT4158 - Florida Archaeology
ANT4180 - Archaeological Lab Methods
ANT4241 - Anthropology of Religion
ANT4274 - Political Anthropology
ANT4352 - (FC) Peoples and Cultures of Africa
ANT4413 - Gender Anthropology
ANT4444 - Cities and Globalization
ANT4497 - Ethnographic Methods
ANT4620 - Language, Culture, and Society
ANT4821 - Archaeological Field Methods
ANT4905 - Directed Independent Study in Anthropology
ANT4931 - Selected Topics in Cultural Anthropology
ANT4940 - Internship in Anthropology
ANT4970 - Honors Thesis in Anthropology
SOW2031 - Introduction to Social Welfare and Social Work
SOW3203 - Social Welfare Institutions
SOW3213 - Social Welfare Policy
SOW3293 - Social Work Communication
SOW3403 - Social Work Research Methods
SOW3620 - Social Work with Marginalized Groups
SOW4101 - Human Behavior and the Social Environment I
SOW4102 - Human Behavior and the Social Environment II
SOW4122 - Inside the Asylum
SOW4302 - Social Work with Individuals and Families
SOW4322 - Social Work with Organizations and Communities
SOW4323 - Social Work Practice with Groups
SOW4352 - Principles of Social Service Provision
SOW4511 - Field Education I

SOW4512 - Field Education II
SOW4522 - Field Seminar I
SOW4523 - Field Seminar II
SOW4602 - Social Work in Health Care
SOW4651 - Child Abuse and Neglect
SOW4700 - Substance Abuse and Social Work Practice
SOW4724 - Child Welfare Practice
SOW4905 - Directed Independent Study - Social Work
SOW4930 - Special Topics in Social Welfare
SOW4944 - Child Welfare Practicum
SOW5107 - Human Behavior and the Social Environment
SOW5207 - Foundations of Social Work
SOW5235 - U.S. Social Welfare Policies and Institutions
SOW5337 - Social Work Practice with Organizations and Communities
SOW5404 - Methods of Social Work Research
SOW5470 - Principles of Social Work Research and Theory: Academic Immersion
SOW5625 - Difference, Discrimination and Oppression
SOW5931 - Generalist Practice I
SOW5932 - Generalist Practice II
SOW5940 - Field Education I
SOW5941 - Field Education II
SOW6125 - Psychopathology
SOW6126 - Advanced Interpersonal Practice with Children/Adolescents & Families
SOW6445 - Practice and Program Evaluation
SOW6605 - Social Work in Health Care Settings
SOW6646 - Advanced Interpersonal Practice with Adults and Elders
SOW6670 - Social Work Practice with the Military, Veterans, and their Families
SOW6745 - Hospice and Palliative Care
SOW6907 - Directed Independent Study in Social Work
SOW6932 - Advanced Seminar in Clinical Practice
SOW6934 - Advanced Special Topics in Social Work
SOW6935 - Advanced Topics in Human Behavior
SOW6945 - Field Education III with Integrated Seminar
SOW6948 - Field Education IV & Integrative Seminar
SYA3300 - Sociological Research Methods
SYA3310 - Qualitative Research Methods
SYA3450C - Social Science Data Analysis
SYA4010 - Sociological Theory
SYA4654 - Sociological Approaches to Program Evaluation
SYA4905 - Directed Individual Study
SYA4914 - Sociological Research Experience
SYA4930 - Special Topics in Sociology
SYA4943 - Sociology Internship
SYA5933 - Special Topics in Sociology
SYD3410 - Urban Sociology
SYD3700 - Sociology of Race & Ethnicity
SYD3800 - Gender and Society
SYD4237 - Sociology of Immigration
SYD4510 - Environment and Society
SYD4702 - Race, Place and Inequality
SYG2000 - Introduction to Sociology
SYG2010 - Social Problems
SYG2013 - Sex, Race and Social Class: A Sociological Examination of Culture and Diversity
SYO3110 - Sociology of Sexualities
SYO3530 - Social Stratification
SYO4100 - Sociology of the Family
SYO4200 - Sociology of Religion
SYO4300 - Political Sociology
SYO4370 - Sociology of Work
SYO4400 - Health, Illness and Society
SYO4461 - Media & Pop Culture
SYO4536 - Social Inequality
SYP3440 - Social Change and International Development
SYP3570 - Deviance and Social Control
SYP4013 - Sociology of the Body and Movement
SYP4050 - The Sociology of Human Interaction
SYP4351 - Social Movements and Social Change
SYP4713 - Sociology of Childhood and Youth
SYP4730 - The Sociology of Aging

Polit Science & Public Admin Department

Department of Political Science and Public Administration

Location: Building 51, Room 2407
Phone: (904) 620-2997
Web Address: www.unf.edu/coas/pspa
Dr. Nicholas Seabrook, Chair

The Program

The Department of Political Science and Public Administration offers a bachelor's degree program in political science, a graduate certificate in nonprofit management, and masters degrees in Public Administration (MPA), and International Affairs (MAIA).

The department offers minors in political science, public administration, public service leadership, and political campaigns (in conjunction with the School of Communication). These minors may be taken with a student's major program; students should consult with their advisor on procedures for declaring a minor. The public administration minor is a fast-track minor that allows an undergraduate to gain admission to our Master of Public Administration upon successful completion of the minor and graduation. The political science to international affairs (MAIA) and political science to public administration (MPA) accelerated pathways allows students to complete the requirements for both their bachelor's and master's degrees by taking graduate courses during their junior and senior undergraduate years. Students should consult with the relevant graduate program director on procedures for entering an accelerated pathway or fast track.

Bachelor of Arts in Political Science

Political Science, the study of politics, is concerned with understanding political phenomena and developing citizens who are aware of their political rights and responsibilities. The political science major at UNF has three broad objectives. The first is to convey to students knowledge about the subfields within the discipline, with an emphasis on American government and politics, comparative politics, international relations, public law, public policy, and public administration. The second is to provide students with the skills needed for active and effective participation in the democratic process.

The final objective is to prepare students for careers associated with politics. The political science major provides an excellent background for admission to law school and is a solid foundation for graduate work in political science or public and nonprofit management and leadership. Majors also find exciting work in campaign and legislative politics. In addition to preparing students for graduate work, the conceptual and methodological skills developed in the major equip students for employment by local, state and national organizations, corporations and nonprofit groups located in the U.S. and foreign countries, international organizations such as the United Nations, the print and electronic media, and secondary education.

UNF offers an undergraduate major in political science culminating in the Bachelor of Arts degree. Three minors, political science, public administration, and public service leadership, are available within the department. Our fourth minor, political campaigns is offered in conjunction with the School of Communication. Majors must have a grade of "C" or better in each core course, and a minimum GPA of 2.0 in major elective courses.

Fast -Track Options

Students in the UNF undergraduate Political Science Major, as well as other UNF majors, may apply for admission to the undergraduate Public Administration fast-track minor. Admitted students take 12 credits of MPA classes, which count both toward the undergraduate Political Science major and toward the 42 credit MPA program.

Undergraduate fast-track requirements are that a student: (1) must declare a Public Administration fast-track minor prior to their senior year; (2) must have an overall GPA of 3.0 or higher in the last 60 hours of undergraduate course work; (3) must earn a grade of at least B or higher in PAD 4003 (taken as part of the fast-track minor core requirements); (4) must have a B average or above for the four courses required in the fast -track minor. All sections of these conditions must be met in full. If the undergraduate requirements stated above are met, fast-track students may continue into the MPA program provided they apply for the program and meet the minimum Graduate Record Exam (GRE) requirements of the program for unconditional admission. Please see the MPA Director for further information on the fast-track option.

Accelerated Pathways

Students in the UNF undergraduate Political Science Major may apply for admission to the Political Science (BA) to Public Administration (MPA) and Political Science (BA) to International Affairs (MAIA) accelerated bachelor's to master's pathways. These provide exceptional undergraduate students with the opportunity to complete the requirements for both the bachelor's and master's degrees at an accelerated pace. Accelerated Pathways allow students to get a head start on their graduate education by taking graduate courses during their junior and senior undergraduate years.

Qualified students may count a maximum of 12 (MPA) or 18 (MAIA) graduate credit hours towards both degrees. Students complete the undergraduate degree first, taking 12-18 credit hours of graduate coursework during their junior and senior years, which will then be used to satisfy both degrees. Please see the MPA or MAIA Director for further information on the accelerated pathway options.

Graduate Programs

The Master of Public Administration (MPA) Program

The MPA program at the University of North Florida is committed to providing graduate professional education in northeast Florida, in the administration and management of public and nonprofit agencies. In the fulfillment of this mission, the program focuses on five key competencies: the ability

- to lead and manage in the public interest;
- to participate in, and contribute to, the policy process;
- to analyze, synthesize, think critically, solve problems and make evidence-informed decisions in a complex and dynamic environment;
- to articulate, apply, and advance a public service perspective;
- to communicate and interact productively and in culturally responsive ways with a diverse and changing workforce and society at large.

The MPA curriculum is intended to enrich student understanding of the complex arrangements that constitute modern governance, and to enable students to develop the skills and attitudes that contribute to effective program administration. For the student who already possesses significant government or nonprofit experience, the program provides opportunities to gain new skills and to develop an enlarged perspective on public sector management. The department now has three in-house concentrations: Local Government Policy and Administration, Nonprofit Management, and Public Policy. A Health Administration concentration can also be taken through the Brooks College of Health. The program has a combination of evening classes and online/hybrid classes.

Accreditation

The MPA program has been accredited by the National Association of Schools of Public Affairs and Administration since 1999. The program has completed the process for accreditation through 2027.

The Master of Arts in International Affairs (MAIA) Program

The mission of the MAIA program is to educate students about our world today, our country's interactions with other countries, and individual awareness of the many ways we interact with other countries, cultures, and peoples at home or abroad. More specifically, the program concentrates on educating our students about: the global context for US domestic and foreign policy making; contemporary global issues; the US role in the world and other countries' reactions to that role; globalization and the global economy; and the cultures and societies of other countries. Each of these goals fits with expectations of potential employers. A report by the Association of American Colleges and Universities noted the following knowledge and skills were desired by employers: the ability to understand the global context of situations and decisions, knowledge of global issues and development and their implications for the future, understanding of the role of the United States in the world, understandings of cultural diversity in America and other countries, and proficiency in a foreign language.

The Master of Arts in International Affairs (MAIA) is an interdisciplinary degree offered jointly by ten departments across three colleges. The Departments of Political Science and Public Administration; Economics and Geography; History; Philosophy and Religious Studies; and Sociology, Anthropology, and Social Work offer the common core courses; the Departments of Economics and Geography; Criminology and Criminal Justice; English; History; Languages, Literatures, and Cultures; Philosophy and Religious Studies; Political Science and Public Administration; and Public Health will contribute elective courses.

The MAIA program consists of a minimum of 36 credit hours, 18 of which are earned through an interdisciplinary common core of required courses: International Relations Theory, International Economics, US in World Affairs, any 3-credit 5000 or 6000 level course with a PHI or REL prefix, any 3-credit 5000 or 6000 level course with an ANG or ANT prefix, and one methods course selected from among the following options: Advanced Methods of Criminological Research, Qualitative Research Methods, Making Decisions with Data, Qualitative Research Methods in Mass Communication, Public Administration Research Methods, or any 3 credit 6000 level course with a GEO or GIS prefix. Fifteen (15) credit hours are major electives. The final 3 credit hours are earned through a thesis or non-thesis option, the latter of which would involve an internship or study abroad component. Students will have to demonstrate intermediate-level foreign language proficiency either upon admission or graduation. The MAIA is meant to prepare our graduates for a variety of careers that demand knowledge of and engagement with the wider world. Examples include: the US government (Foreign Service, and other State Department positions, Homeland Security, Immigration and Customs, etc.), intergovernmental organizations such as the UN and international nongovernmental organizations such as Human Rights Watch or International Crisis Group; international and development consulting; international business; and education. Locally, employment opportunities exist with banks, educational institutions, international moving and logistics companies, law enforcement, non-profit organizations, refugee assistance programs, and other internationally-focused entities in the Northeast Florida region.

Programs

International Affairs, MA
Nonprofit Management, Certificate (CB)
Public Administration, MPA
Public Administration, Minor
Public Service Leadership, Minor
Political Campaigns, Minor
Political Science, BA
Political Science, Minor

Courses

CPO2002 - Introduction to Comparative Politics
CPO3123 - (FC) Politics and Society in Britain and Ireland
CPO3151 - (FC) Politics and Society in France
CPO3213 - Politics and Society in Subsaharan Africa
CPO3402 - Politics of Pakistan and Afghanistan
CPO3643 - Politics and Society In Russia
CPO4014 - Comparative Politics: Frameworks for Analysis
CPO4034 - Politics of Developing Countries
CPO5535 - Politics of South Asia
CPO6206 - Politics of Africa
INR2002 - Introduction to International Relations
INR3016 - Global Issues in Contemporary Politics
INR3084 - Terrorism Today
INR3153 - American Foreign Policy in the Middle East
INR3443 - International Law and Organization
INR4102 - Real World Policy
INR4243 - International Politics of Latin America
INR4334 - American National Security and Defense Policy
INR4344 - European Security in a Globalized Society
INR4603 - International Relations: Frameworks for Analysis
INR4703 - International Political Economy
INR5105 - Real World Policy
INR5449 - International Law and Organization
INR6330 - Contemporary American Foreign and Security Policy
INR6607 - International Relations Theory
INR6705 - International Political Economy
INR6908 - Directed Independent Study
INR6938 - Special Topics in International Affairs
INR6946 - Field Experience in International Affairs
INR6971 - Thesis
PAD4003 - Public Administration
PAD4144 - Nonprofit Management
PAD5605 - Administrative Law
PAD5700 - Public Administration Research Methods
PAD6060 - Public Administration in Modern Society
PAD6066 - Capstone Seminar
PAD6106 - Administrative Behavior in Public Organizations
PAD6142 - Management of Nonprofit Organizations
PAD6161 - Grants in the Public Sector
PAD6164 - Nonprofit Stakeholder Relations
PAD6173 - Global Civil Society
PAD6207 - Economics and Municipal Finance
PAD6208 - Nonprofit Financial Management
PAD6227 - Government Budgeting and Finance
PAD6239 - e-Governance
PAD6335 - Strategic Planning for Public and Nonprofit Organizations
PAD6417 - Human Resources for Public and Nonprofit Management
PAD6436 - Ethics, Leadership and Accountability in Public Service
PAD6706 - Research Design for Public Administrators
PAD6807 - Urban Administration
PAD6836 - Comparative Public Administration
PAD6900 - Directed Independent Study
PAD6934 - Special Topics in Public Administration
PAD6946 - Internship in Public Administration
POS2041 - Introduction to American Government
POS3114 - Issues in State and Local Government
POS3142 - Politics and Policy in Urban Government
POS3413 - The American Presidency
POS3424 - Congress and the Legislative Process
POS3444 - Parties, Campaigns and Elections
POS3606 - The U.S. Supreme Court
POS3615 - Judicial Politics
POS3625 - The First Amendment
POS3642 - Election Law
POS3653 - Legal Research and Analysis
POS3654 - Legal Ethics, Standards, and Values
POS3679 - Mock Trial
POS3683 - Law and Cinema
POS3691 - The American Legal System
POS3733 - Research Design for Political Scientists
POS3734 - Research Analysis for Political Scientists
POS3931 - Special Topics in Politics
POS4033 - Political Psychology
POS4038 - Climate Change Policy and Environmental Security
POS4608 - Constitutional Law I: Powers and Constraints
POS4624 - Constitutional Law II: Civil Rights and Civil Liberties
POS4641 - Administrative Law
POS4750 - Survey Research
POS4905 - Directed Individual Study
POS4932 - Special Topics in Political Science and Public Administration
POS4945 - Internship/Field Experience
POS6158 - Politics and Policy in Local Government
POT3003 - Political Thought and Action
POT4314 - Democratic Theory
PUP2312 - Race/Gender/Political
PUP3603 - Medical Politics and Policy
PUP4003 - The Policy-Making Process
PUP6006 - Program Evaluation for Public and Nonprofit Management
PUP6007 - Policy Analysis

Biology Department

Department of Biology

Location : Building 59, Room 1300
Phone: (904) 620-2830
Web Address: www.unf.edu/coas/biology/
Dr. Cliff Ross , Chair

Program Overview

The Biology department is home to over 1000 undergraduate majors and more than 35 graduate students. There are two Bachelor of Science degrees offered through the department, Biomedical Sciences and Biology. The latter contains four concentrations that allow undergraduate students to customize their degree for their career aspirations. Graduate students can choose either a Master of Science or a Master of Arts degree, both of which have tracks that allow students to gain experience in an array of sub-disciplines. In addition, the department offers an accelerated BS-MS program in Biomedical Sciences. For all of our students, individual attention and opportunities to conduct research with our faculty are hallmarks of their degree. Biology faculty members are involved in research concerning aquatic and terrestrial ecology,

cell and molecular biology, physiology, and microbial studies and have obtained federal grants from agencies such as the National Institutes of Health, the National Science Foundation, and NASA. Our Biological Sciences building provides state-of-the-art teaching and research facilities including features such as a fully automated greenhouse, a sea water 'on tap' system, and a marine mammal necropsy lab to name a few. Our department is also home to a nationally funded Coastal and Marine Biology program as well as a vibrant Biomedical Sciences program.

Graduate Degree Programs

The department offers two graduate degrees, a Master of Arts and a Master of Science in Biology. The Master of Arts (M.A.) in Biology degree program is designed primarily to provide secondary school teachers and professionals in environmental fields with advanced training in the biological sciences through extensive coursework. The Master of Science (M.S.) biology degree program is designed to provide graduate students with advanced knowledge, skills and techniques in the biological sciences through coursework and an independent thesis research project. There is an option for a non-thesis track MS in Biomedical Sciences as well.

Undergraduate Major Degree Programs

The Department of Biology offers a Bachelor of Science degree in Biology with four areas of concentration: Coastal and Marine Biology, Coastal Environmental Science, Molecular Cell Biology and Biotechnology, and Ecology and Evolutionary Biology. An undergraduate certificate in Biotechnology is available which helps students build skills that are attractive to employers and graduate schools. The Bachelor of Science degrees in Biology and Biomedical Sciences are Selective Admissions programs. Students must meet certain criteria and then apply. To be accepted, students must have taken General Biology I and II (or equivalents) and General Chemistry I and II (or equivalents) with minimum grades of two B's and two C's in those four courses.

Undergraduate Minor Degree Programs

Undergraduate students majoring in another field can choose a minor in Biology.

Biotechnology Certificate

The Biotechnology Certificate is available to all UNF Biology students with a cumulative GPA of 3.0 or higher. Non-degree seeking, post-baccalaureate students are also eligible. This program is designed to encourage and recognize students preparing for a career in biotechnology.

Programs

Biology, BS
Biology, MA
Biology, MS
Biology, Minor
Biotechnology, Certificate (CU)
Biomedical Sciences, BS
Materials Science & Engineering, MS

Courses

BCH4024 - Molecular Biology and Biochemistry
BCH4024L - Molecular Biology and Biochemistry Laboratory
BCH5418 - Advanced Molecular Biology and Biochemistry
BCH5418L - Advanced Molecular Biology and Biochemistry Laboratory
BOT2010C - Botany
BOT3151C - Local Flora
BOT3712C - Plant Systematics and Evolution
BOT4404 - Marine Botany
BOT4404C - Marine Botany
BOT4404L - Marine Botany Lab
BOT4503C - Plant Anatomy and Physiology
BOT5186 - Advanced Marine Botany
BOT5186C - Advanced Marine Botany
BOT5186L - Advanced Marine Botany Lab
BOT5585C - Advanced Plant Anatomy and Physiology
BSC1005 - Principles of Biology
BSC1005L - Principles of Biology Lab
BSC1010C - General Biology I
BSC1011C - General Biology II
BSC1930 - Current Applications in Biology
BSC1934 - Introduction to Majors in the Biological Sciences
BSC2012C - General Biology III
BSC2085C - Human Anatomy and Physiology I
BSC2086C - Human Anatomy and Physiology II
BSC2932 - Pre-Medical Preparation Seminar
BSC3052 - Conservation Biology
BSC3057 - Introduction to Environmental Studies
BSC3263 - Marine Biology
BSC3842 - Writing and Analytical Skills in Biology
BSC3845 - Scientific Illustration
BSC3943 - Internship in Applied Biology
BSC4022 - Biology of Aging
BSC4054 - Environmental Toxicology
BSC4434C - Introduction to Bioinformatics
BSC4801C - Animal Physiology
BSC4870 - Biological Basis of Pharmacology
BSC4905 - Directed Independent Study in Biology
BSC4921 - Biology Lecture Series
BSC4930 - Selected Topics in Biology
BSC4940 - UNF-Jacksonville Zoo and Gardens Animal Behavior Research Internship
BSC4941 - Mayo Clinic Biomedical Research Internship
BSC4947 - Senior Seminar Practicum
BSC5028 - Advanced Biology of Aging
BSC5429C - Advanced Bioinformatics
BSC5872 - Advanced Biological Pharmacology
BSC5905 - Directed Independent Study: Biology
BSC5930 - Biology Seminar
BSC5936 - Selected Topics in Biology
BSC6840 - Critical Skills in Science
BSC6917 - Advanced Graduate Research
BSC6931 - Advanced Readings in Biology
BSC6941 - Mayo Clinic Graduate Biomedical Research Internship
BSC6948 - Graduate Internship in Biomedical Science
BSC6971 - Graduate Thesis Defense
BSC6972 - Graduate Thesis Research
FAS4354 - Coastal Fisheries Management
FAS5355 - Advanced Coastal Fisheries Management
FAS6355L - Advanced Coastal Fisheries Management Laboratory
IDS4914 - Biomedical Research for U-RISE
MCB2010C - Microbiology
MCB3020C - Microbial Biology
MCB4021C - Molecular Biology Techniques
MCB4203 - Pathogenic Bacteriology
MCB4503 - Virology Lecture
MCB5024C - Advanced Molecular Biology Techniques
MCB5205 - Pathogenic Bacteriology
MCB5505 - Advanced Virology
OCB3108L - Field Studies in Marine Science
OCE3008 - Oceanography
PCB3023C - Molecular and Cell Biology
PCB3043C - Ecology

PCB3063 - Genetics
PCB3063L - Genetics Lab
PCB3090 - Conducting Science with Integrity
PCB4067 - Molecular Basis of Inheritance
PCB4233 - Immunology
PCB4234 - Biology of Cancer
PCB4253C - Developmental Biology
PCB4301C - Limnology
PCB4316C - Coastal Ecosystem Ecology
PCB4540 - Genomics
PCB4674 - Evolution
PCB4707 - Human Physiology in Extreme Environments
PCB4713C - Human Physiology
PCB4805 - Endocrinology
PCB4843 - Cellular and Molecular Neuroscience
PCB5235 - Cellular Immunology
PCB5313C - Advanced Coastal Ecosystem Ecology
PCB5525 - Molecular Genetics
PCB5545 - Advanced Genomics
PCB5700 - Advanced Human Physiology in Extreme Environments
PCB5845 - Cellular and Molecular Neuroscience
PCB6236 - Advanced Cancer Biology
PCB6314C - Marine Ecology
PCB6447 - Community Ecology
PCB6480 - Quantitative Ecology
PCB6675 - Advanced Evolution
PCB6685 - Population Genetics
ZOO3713C - Comparative Vertebrate Anatomy
ZOO3733C - Human Structure and Function
ZOO4203 - Invertebrate Zoology
ZOO4208C - Coastal Invertebrate Biology
ZOO4234C - Parasitology
ZOO4407 - Biology of Sharks and Rays
ZOO4424L - Crocodilian Behavioral Ecology
ZOO4454C - Ichthyology
ZOO4462C - Herpetology
ZOO4485 - Biology of Marine Mammals
ZOO4513 - Animal Behavior
ZOO4513L - Animal Behavior Laboratory
ZOO4551C - Dolphin Behavioral Ecology
ZOO4559L - Shark Ecology
ZOO4752 - Histology
ZOO4823C - General Entomology
ZOO5206C - Advanced Entomology
ZOO5455C - Advanced Ichthyology
ZOO5463C - Advanced Herpetology
ZOO5487 - Advanced Biology of Marine Mammals
ZOO5514 - Advanced Animal Behavior
ZOO5754 - Advanced Histology
ZOO5754L - Advanced Histological Techniques Lab

Languages, Lits., and Cultures Department

Department of Languages, Literatures & Cultures

Location: Building 10, Room 2425
Phone: (904) 620-2282
Web Address: www.unf.edu/coas/languages/
Dr. Gregory Helmick, Chair

The Program

Learning another language is essential in today's global, multicultural society. The current nature of international business as well as increasing opportunities to travel or work abroad require the cultural awareness that only language knowledge provides. In addition, as the twenty-first century unfolds, the United States is increasingly becoming a more ethnically diverse nation that encompasses a multiplicity of cultures. The ability to communicate effectively in at least one other language and the willingness to open oneself to diversity by studying in depth the literary and cultural productions of others ensures success in such an evolving community of peoples.

The mission of the Department of Languages, Literatures and Cultures is to continue to expand the opportunities for UNF students to learn to speak a language fluently, to read it well and to converse and write with ease about the literature and culture associated with it. Therefore, the department offers Bachelor of Arts degrees in both French Studies and Spanish, as well as minors in French, Spanish and Chinese. First and second year courses in German language are also offered regularly.

Pursuant to its mission, the Department of Languages, Literatures and Cultures encourages students to study abroad by working in conjunction with the UNF International Center. The department sponsors summer programs in Spain, France, China and Colombia, and anticipates developing new programs in the Spanish-speaking and French-speaking Caribbean. Students seeking a longer experience abroad may work with the UNF International Center to arrange for an approved, independent study abroad experience at any number of different academic institutions throughout the world. The department maintains a state-of-the-art computerized language lab that provides a variety of software programs. UNF students use the facility to practice and to engage in self-immersion activities.

Majors and Minors

The Department of Languages, Literatures and Cultures offers Bachelor of Arts degrees in French & Francophone Studies and Spanish; Honors in the Spanish Major; a Certificate in Spanish for the Professions; and minors in French, Spanish and Chinese.

French & Francophone Studies and Spanish majors must complete 30 credit hours of instruction above the intermediate level (FRE 2240-2241; SPN 2200-2201) with grades of "C" or above. All language majors must earn a university-approved minor in a secondary field of studies. They also have to fulfill general education requirements stipulated by the institution as well as the College of Arts and Sciences graduation requirements. The minimum total hours required for all four-year degrees is 120 credit hours.

Study Abroad

Pursuant to its mission, the Department of Languages, Literatures and Cultures encourages students to study abroad by working in conjunction with the UNF International Center. The department sponsors summer programs in Spain, France, China and Colombia, and anticipates developing new programs in the Spanish-speaking and French-speaking Caribbean.

Language Laboratory

The department maintains a state-of-the-art language lab dedicated to the creation and testing of immersive digital technologies and to developing immersive, in-person 'analogue' opportunities to experiment, build knowledge, and reinforce proficiency in other languages.

Programs

Chinese, Minor
Digital Humanities, Minor

French and Francophone Studies, BA
French, Minor
Spanish, BA
Spanish, Minor
Spanish for the Professions, Certificate (CU)

Courses

CHI1120 - (FC) Beginning Chinese I
CHI1121 - (FC) Beginning Chinese II
CHI2200 - (FC) Intermediate Chinese I
CHI2201 - (FC) Intermediate Chinese II
CHI3400 - (FC) Conversation in Chinese
CHI3930 - (FC) Special Topics in Chinese
CHI4904 - (FC) Directed Independent Study in Chinese
CHT3500 - (FC) Chinese Culture
FIL4822 - French Cinema
FOL1100 - (FC) Beginning Foreign Language I
FOL2952 - (FC) Intermediate Foreign Language Study Abroad
FOL3953 - (FC) Advanced Foreign Language Study Abroad
FOL5930 - Topics in Foreign Language
FOT3000 - Career Pathways in Language and Culture Study
FOT3500 - (FC) Peoples and Cultures of Spain
FOT3931 - (FC) Studies in Foreign Culture
FRE1120 - (FC) Beginning French I
FRE1121 - (FC) Beginning French II
FRE2240 - (FC) Intermediate French I
FRE2241 - (FC) Intermediate French II
FRE3283 - (FC) French Listening and Speaking Skills
FRE3300 - (FC) French Grammar and Composition
FRE3350 - (FC) Readings in French Literature and Culture
FRE3502 - (FC) French and Francophone Cultures
FRE4402 - (FC) Advanced French Conversation
FRE4501 - (FC) France Today
FRE4905 - (FC) Directed Independent Study in French
FRE4930 - (FC) Special Topics in French Culture
FRE4940 - (FC) Internship for Service/Employment in French
FRT3550 - (FC) Faces of France
FRT3560 - (FC) Food and Culture in France
FRT3800 - French Translation Techniques
FRW3100 - (FC) Survey of French Literature: Pre-19th Century
GER1120 - (FC) Beginning German I
GER1121 - (FC) Beginning German II
GER2200 - (FC) Intermediate German I
GER2201 - (FC) Intermediate German II
LAS3020 - (FC) Peoples and Cultures of the Caribbean
LAS3050 - (FC) Latin American Digital Humanities
LAS3102 - (FC) Pirates on the Spanish Seas
LAS3130 - (FC) Latin American Pop Culture
LAS3132 - (FC) Women and Violence in Latin American Literature and Film
LAS3930 - (FC) Cultures of Latin America
SPN1032 - Introduction to Spanish for Healthcare
SPN1120 - (FC) Beginning Spanish I
SPN1121 - (FC) Beginning Spanish II
SPN1134 - (FC) Accelerated Beginning Spanish
SPN2200 - (FC) Intermediate Spanish I
SPN2201 - (FC) Intermediate Spanish II
SPN3013 - (FC) Spanish For Business
SPN3242 - Spanish Conversation
SPN3300 - Spanish Composition
SPN3350 - Spanish for Heritage Speakers
SPN3351 - Communication and Communities for Heritage Speakers
SPN3392 - Film in Spanish
SPN3503 - U.S. Hispanic Cultures
SPN3510 - Cultures of Spain
SPN3524 - Latin American Cultures
SPN3530 - Theater in Spanish
SPN4036 - Spanish for Health Professions
SPN4400 - Advanced Grammar and Translation
SPN4541 - Advanced Studies in Hispanic Cultures
SPN4905 - Directed Independent Study in Spanish
SPN4940 - Internship for Service/Employment in Spanish
SPW3030 - Introduction to Literature in Spanish
SPW3391 - Spanish Cinema
SPW3399 - Latin American Cinema
SPW4105 - Studies in Contemporary Spanish Literature
SPW4192 - Food in Latin American Literature and Culture
SPW4194 - Pirates in Hispanic Literature and Culture
SPW4373 - Technology and the Latin American Short Story
SPW4409 - Medieval and Golden Age Spanish Literature
SPW4471 - Studies in Colonial and 19th C. Latin American Literature
SPW4523 - Women's Literature in Latin America
SPW4600 - Don Quixote: Hero or Fool

Art, Art History, and Design Department

Department of Art, Art History, and Design

Location: Building 45, Room 2022 in the Fine Arts Center
Phone: (904) 620-4037
Web Address: www.unf.edu/coas/art-design
Jenny K. Hager, MFA

The Program

The Department of Art, Art History, and Design offers courses of study leading to career preparation in Art History, Fine Arts, and Graphic Design & Digital Media, and as practitioners, teachers, artists or consultants; provides service courses in art and art history to other disciplines in the University; and fosters individual professional growth and cultural enhancement by promoting artistic production and scholarly research on the part of the faculty and students. The department seeks to enrich the cultural atmosphere and intellectual awareness of the University and Northeast Florida through art exhibitions, lectures, seminars, workshops and study abroad opportunities.

The comprehensive, multifaceted art curriculum is designed to produce an artistically sophisticated graduate with realistic expectations to compete in the job market or pursue graduate study. Program concentrations are in, Art History, Ceramics, Graphic Design, Painting and Drawing, Photography, Printmaking and Sculpture. All studio and design concentrations emphasize a hands-on approach and feature opportunities for exhibition and presentation. Access to the greater Jacksonville area lends additional professional appeal because of its vibrant arts community, numerous exhibition venues and art museums. The Department works closely with MOCA Jacksonville, a Cultural Institute of UNF, and the Cummer Museum of Art and Gardens. UNF faculty members are involved in curating exhibitions at the museums, presenting lectures and serving on museum committees.

The Department of Art and Design received the prestigious accreditation from the National Association of School of Art and Design (NASAD) in October 2016. NASAD accreditation signals the department's excellence in faculty, programs, and curriculum, and the wide support it receives from the university administration and staff.

Majors and Minors

The Department offers three degree programs. A Bachelor of Arts in Art History, the Bachelor of Fine Arts with concentrations in Ceramics, Painting/Drawing, Photography, Printmaking, and Sculpture. Additionally, a Limited Access Bachelor of Fine Arts in Graphic Design is available. Minors are offered in Art History, Ceramics, Painting/Drawing, Photography, Printmaking and Sculpture.

Study Abroad

The Department sponsors an annual five-week study abroad program in Italy where students can study and experience first-hand some of the most important works from western civilization. Art History and studio courses are offered. Students visit both smaller towns and large urban centers such as Florence and Naples while the majority of the program is anchored in Rome. Other study abroad programs are offered on a rotating basis such as programs in Brazil, England, Germany, Wales, and Ireland.

There are several competitive scholarships available for majors in the department to help support study abroad opportunities.

Opportunities for Student Exhibitions and Internships

Students interested in Museum Studies and gallery work may be interested in internships at the MOCA Jacksonville, the Museum of Science and History, and the Cummer Museum of Art and Gardens. The Department also maintains and curates a regular exhibition schedule in the UNF Gallery at MOCA, the UNF Gallery and at the Lufrano Gallery in the Student Union.

Internships are also available in graphic design firms and corporations, photography studios, various galleries, the Cultural Council of Greater Jacksonville, and area hospitals that coordinate art therapy programs.

Student Organizations

There are a number of student organizations in the department including the Sculptors' Guild, the Pottery Guild, the Photo Club, the Print Guild, the Painting Guild, and The Osprey Design Club.

Programs

Art History, BA
Art History, Minor
Sculpture, Minor
Painting, Drawing, Printmaking, Minor
Fine Arts, BFA
Photography, Minor
Ceramics, Minor
Graphic Design, BFA

Courses

ARH2000 - Art Appreciation
ARH2050 - Art History Survey I
ARH2051 - Art History Survey II
ARH3043 - Economic History of Art
ARH3130 - Ancient Greek Art and Architecture
ARH3150 - The Art and Architecture of Ancient Rome
ARH3202 - Medieval Art and Architecture
ARH3250 - Romanesque Art and Architecture
ARH3302 - Italian Renaissance Art
ARH3319 - The Art and Architecture of Michelangelo
ARH3331 - Northern Renaissance Art
ARH3350 - Baroque Art
ARH3354 - Rubens to Rembrandt: Netherlandish Baroque Art
ARH3404 - British Art: Hogarth to Hirst
ARH3410 - Modern European Art I
ARH3434 - Modern European Art II
ARH3453 - Post War Art: 1940-1980
ARH3475 - Contemporary Art: 1980 to Present
ARH3571 - Islamic Architecture
ARH3574 - Early Islamic Art
ARH3583 - Tribal Arts
ARH3621 - American Art I: 1492 to 1876
ARH3623 - American Art II: 1876 to 1940
ARH3631 - African American Art History
ARH3811 - Junior Methods Seminar
ARH3883 - The Apocalypse in Medieval and Early Modern Art
ARH3888 - Art of Disney
ARH3930 - Special Topics in Art History
ARH3955 - Art History on Site
ARH4800 - Aesthetics of Art
ARH4905 - Directed Individual Study
ARH4910 - Senior Research Seminar
ARH4941 - Internship in Art History
ART1201C - Two-Dimensional Design
ART1205C - Color Theory
ART1300C - Drawing I
ART1600C - Digital Imaging Methods
ART2203C - Three-Dimensional Design
ART2301C - Drawing II
ART2330C - Figure Drawing I
ART2400C - Introduction to Printmaking
ART2500C - Painting I
ART2605C - Basic Computer Images
ART3271C - Comics and Narrative
ART3317C - Drawing Studio
ART3332C - Figure Drawing II
ART3354C - Digital Sketchbook
ART3420C - Lithography Printmaking I
ART3433C - Screenprint I
ART3442C - Intaglio Printmaking I
ART3443C - Relief Printmaking I
ART3464C - Kitchen as a Studio
ART3504C - Painting III
ART3505C - Alternative Processes in Painting
ART3530C - Painting II
ART3560C - Figurative Painting
ART3569C - Portrait Painting
ART3707C - Sculpture I
ART3709C - Sculpture II
ART3714C - Sculpture: Casting
ART3765C - Intermediate Ceramics
ART3786C - Ceramics
ART3830 - Curatorial Practices
ART3930 - Special Topics in Art
ART4143C - Surfboard Design and Fabrication
ART4421C - Lithography Printmaking II
ART4434C - Screenprint II
ART4444C - Intaglio Printmaking II
ART4445C - Relief Printmaking II
ART4642C - Digital Fabrication
ART4710C - Sculpture III
ART4724 - Graphic Design History
ART4736C - Sculpture: Enlivened Spaces
ART4768C - Advanced Ceramics
ART4788C - Ceramic Aesthetic
ART4805 - Painting and Drawing Research

ART4905 - Directed Individual Studies
ART4929C - Senior Project
ART4935 - Seminar
ART4940 - Internship In Fine Arts
ART4965C - Professional Practices
GRA2108 - Graphic Design History
GRA2110C - Graphic Design: Creativity and Critique
GRA2160C - Graphic Design: Process and Methods
GRA2190C - Graphic Design: Principles
GRA2203C - Prepress Production
GRA2208C - Type Visualization
GRA3118C - Publication Design
GRA3139C - Time-Based Media
GRA3155C - Graphic Symbols and Semiotics
GRA3174C - Poster Design
GRA3183C - Typography Studio
GRA3192C - Type Communication
GRA3512C - Visual Identity
GRA3523C - User Interface and Interaction Design
GRA3833C - Motion Graphics
GRA3880C - Illustration
GRA3955 - Design on Site
GRA4119C - Package Design
GRA4137C - Advanced Web Design
GRA4154C - Advanced Illustration
GRA4179C - Social Design
GRA4186C - Senior Design Studio
GRA4189C - Graphic Design Portfolio
GRA4423 - Graphic Design Professional Practices
GRA4513C - Product Promotion
GRA4884C - Advanced Motion Graphics
GRA4886C - Visual Systems
GRA4915 - Directed Individual Study
GRA4930C - Advanced Graphic Design Practicum
GRA4940 - Internship in Graphic Design
PGY1800C - Digital Photography for Designers
PGY2401C - Basic Black and White Film Photography 1
PGY2807C - Digital Photography for Non-Photography Majors
PGY2810C - Intro to Digital Imaging
PGY3276C - Professional Practices
PGY3410C - Black and White Film Photography 2
PGY3824C - Contemporary Photographic Imaging
PGY3930C - Special Topics in Photography
PGY3952C - Study Abroad: Photography in Italy
PGY4004 - History of Photography
PGY4205C - Studio Fundamentals
PGY4218C - Advanced Studio Practice
PGY4443C - Alternative Photographic Processes
PGY4476C - Photography Portfolio
PGY4944C - Advanced Photography Practicum

Criminology & Criminal Justice Department

Department of Criminology and Criminal Justice

Location: Building 51, Room 2310
Phone: (904) 620-1724
Web Address: www.unf.edu/coas/ccj/
Dr. Brenda Vose, Chair

Criminology & Criminal Justice Major

The undergraduate degree program in Criminology & Criminal Justice is broad-based in nature, stressing the interrelationships between the various components of the criminal justice system - police, courts, corrections - and familiarizing students with each of these components and their theoretical bases. The program also recognizes and builds upon the interdisciplinary nature of the field it seeks to address. Criminal justice draws together all the social and behavioral sciences, the natural sciences, the mathematical and computer sciences, and law and jurisprudence to focus on the problem of crime in society. Indeed, accreditation guidelines for post-secondary criminal justice education programs clearly specify that the curricula "must give explicit recognition to the multi-disciplinary character of the field." The UNF program is designed to comply with that standard.

There are no specific Criminology & Criminal Justice prerequisites at the lower level, although CCJ 2002 (Crime in America) is recommended as a preparatory course for the major.

Graduate Program

Criminology & Criminal Justice education is one of the most rapidly growing fields in higher education today. Public concerns about crime, and the dramatic expansion of the criminal justice system in recent decades, have spurred a proliferation of courses in this field in colleges across the country. Jobs that did not exist two decades ago - such as victim advocates or police computer mapping specialists - continue to develop. There is a growing demand for persons with graduate level education in all sectors of the system. The Master of Science in Criminal Justice at UNF provides an opportunity for advanced academic work in this expanding field of study.

As an interdisciplinary field, Criminology & Criminal Justice draws together all the social and behavioral sciences, natural sciences, mathematical and computer sciences, history, law and jurisprudence to focus on the problem of crime in society. The MSCJ program at UNF is vitally concerned with the interrelationship between theory, practice and research. The program emphasizes the acquisition of professional skills that will enable students to keep abreast of new research and developments in the field long after they have completed their formal studies.

Programs

Criminal Justice, MSCJ
Criminal Justice, BA
Criminal Justice, Minor

Courses

CCJ2002 - Crime in America
CCJ3014 - Criminological Theory
CCJ3023 - Introduction to Criminal Justice
CCJ3700 - Research Methods in Criminology & Criminal Justice
CCJ3932 - ST: Criminal Justice
CCJ4604 - Crime and Mental Illness
CCJ4641 - Organized Crime
CCJ4662 - Minorities and Crime
CCJ4663 - Women and Crime
CCJ4664 - White Collar Crime
CCJ4681 - Family Violence
CCJ4905 - Directed Independent Study
CCJ4935 - Special Topics in Criminal Justice and Administration
CCJ4938 - Special Topics in Criminology

CCJ4939 - Pre-Internship in Criminal Justice
CCJ4940 - Internship in Criminal Justice
CCJ5066 - Poverty and Crime
CCJ5079 - Crime Mapping
CCJ5346 - Crisis Intervention and Collective Behavior
CCJ5456 - Criminal Justice Administration Theory and Practice
CCJ5475 - Criminal Justice Planning and Evaluation
CCJ5646 - Organized Crime
CCJ5652 - Drugs, Crime and Society
CCJ5665 - Victimology
CCJ5668 - Elite Crime
CCJ5692 - Women and Crime
CCJ5743 - Graduate Supervised Research Experience in Criminal Justice
CCJ5930 - Issues in Modern Criminal Justice
CCJ5934 - Special Topics in Criminal Justice
CCJ6050 - Criminal Justice Systems
CCJ6059 - Advanced Criminological Theory
CCJ6309 - History and Philosophy of Corrections
CCJ6457 - Administration of Justice
CCJ6639 - Issues in Social and Criminal Justice
CCJ6705 - Advanced Methods of Criminological Research
CCJ6706 - Quantitative Research Methods
CCJ6709 - Qualitative Research Methods
CCJ6906 - Directed Independent Study
CCJ6944 - Graduate Supervised Teaching Experience in Criminal Justice
CCJ6946 - Graduate Practicum in Criminal Justice
CCJ6974 - Thesis/Demonstration Project
CJC3410 - Methods of Offender Treatment
CJC4015 - Correctional Systems and Processes
CJC4510 - Punishment and Society
CJC5135 - Prisons and Jails
CJC5165 - Community Corrections and Offender Reentry
CJC5420 - Counseling Applications in Criminal Justice
CJC5425 - Methods of Offender Treatment
CJC5520 - Punishment and Society
CJE3232 - Drugs and Crime
CJE3281 - Women and the Legal System
CJE4017 - Law Enforcement Systems and Processes
CJE5121 - Homeland Security and Criminal Justice
CJE5320 - Police Administration
CJE5428 - Critical Issues in Community Policing
CJE6268 - Minorities and Crime
CJE6329 - Police Effectiveness
CJJ3010 - Juvenile Delinquency and Juvenile Justice
CJJ5586 - Working with Juveniles and Youthful Offenders
CJL4310 - Criminal Law and Procedures I
CJL4315 - Criminal Trials Seminar
CJL4510 - Court Systems and Processes
CJL5025 - Women, Justice and the Law
CJL5120 - Criminal Law and Procedure in the Criminal Justice System
CJL6020 - Prosecution and Defense Procedure
CJL6026 - Issues in Law and Justice Process

Chemistry & Biochemistry Department

Department of Chemistry and Biochemistry

Location: Building 50, Room 3400
Email: chemistry@unf.edu
Phone: (904) 620-3503
Facsimile: (904) 620-3535
Web Address: www.unf.edu/coas/chemistry
Dr. Bryan Knuckley, Chair

Degrees Offered

Undergraduate degrees:

The Department of Chemistry and Biochemistry offers a Bachelor of Science degree in Chemistry, a Bachelor of Arts degree in Chemistry, and a Bachelor of Science degree in Biochemistry. The Bachelor of Science Chemistry degree has three tracks: traditional Chemistry, Pre-Medical Professions, and Materials Chemistry.

In conjunction with the Silverfield College of Education and Human Services, B.A.E. and M.A.T. degrees with majors in chemistry teaching, science education are also available.

Graduate degrees:

In conjunction with Physics and Engineering, Chemistry offers a Masters program in Materials Science and Engineering. A Doctor of Philosophy is not offered currently.

Accreditation

All of the tracks for the Bachelor of Science degree in Chemistry and Biochemistry are certified by the American Chemical Society.

The Program

Chemistry is a central science that deals with the study of the properties and behavior of matter. Knowledge of chemistry has always been fundamental to the investigation of the physical world. It serves as a bridge between biological sciences, physics and mathematics.

In recent years, the traditional specialties of Analytical, Organic, Inorganic, Physical, and Biochemistry have become increasingly interconnected, creating new and exciting interdisciplinary concentrations in areas like bio-organic, bio-inorganic, bio-analytical, bio-physical, and materials chemistry. The ever-increasing use of complex technologies and processes employed in modern medicine, agriculture, defense, manufacturing, and other industries is a clear indication that the demand for individuals with a chemistry background will continue to increase in the future. An array of analytical and spectroscopic instrumentation is available for laboratory instruction and research. Students in the chemistry program are encouraged to gain research experience by working in the laboratory of a faculty member of their choice. Diverse projects in synthetic and mechanistic organic chemistry, biochemistry, drug design, natural products, bioorganic chemistry, materials and solid state inorganic chemistry, environmental and analytical chemistry, and computational physical chemistry are currently available for undergraduate research. By a judicious choice of courses, students in research programs can obtain credit toward graduation. Qualified students engaging in undergraduate research during the summer and/or academic year could receive financial support from their faculty research advisor or via competitive university fellowship awards or other scholarships. Several tuition scholarships are also available on a competitive basis.

Programs

Biochemistry, BS
Chemistry, BA
Chemistry, BS
Chemistry, Minor

Courses

BCH3023 - Survey of Organic and Biological Chemistry
BCH3023L - Survey of Organic and Biological Chemistry Laboratory
BCH4033 - Biochemistry I
BCH4033L - Biochemistry I Lab
BCH4034 - Biochemistry II
BCH4034L - Biochemistry II Laboratory
BCH4340 - Chemical Biology
CHM1020 - Discovering Chemistry
CHM1024 - Chemistry Study Skills
CHM1025 - Introduction to Chemistry
CHM1025L - Introduction to Chemistry Laboratory
CHM2045 - General Chemistry I
CHM2045L - General Chemistry I Laboratory
CHM2046 - General Chemistry II
CHM2046L - General Chemistry II Laboratory
CHM2210 - Organic Chemistry I
CHM2210L - Organic Chemistry I Laboratory
CHM2211 - Organic Chemistry II
CHM2211L - Organic Chemistry II Laboratory
CHM3120 - Quantitative Analytical Chemistry
CHM3120L - Quantitative Analytical Chemistry Laboratory
CHM3260 - Advanced Organic Chemistry
CHM3610 - Inorganic Chemistry
CHM3610L - Inorganic Chemistry Laboratory
CHM3932 - Junior Seminar in Chemistry
CHM4130 - Modern Analytical Chemistry
CHM4130L - Modern Analytical Chemistry Laboratory
CHM4273 - Drug Discovery
CHM4400 - Survey of Physical Chemistry
CHM4400L - Survey of Physical Chemistry Lab
CHM4410 - Physical Chemistry I
CHM4410L - Physical Chemistry I Laboratory
CHM4411 - Physical Chemistry II
CHM4411L - Physical Chemistry II Laboratory
CHM4612 - Advanced Inorganic Chemistry
CHM4627 - Solid State Chemistry
CHM4800 - Chemical Informatics
CHM4910 - Chemical Research
CHM4911 - Chemical Research Experience
CHM4930 - Selected Topics in Chemistry
CHM4931 - Senior Seminar in Chemistry
CHS4615 - Environmental Chemistry
CHS4615L - Environmental Chemistry Lab

Coggin College of Business Department

Accreditation

AACSB Accreditation Seal

Our undergraduate and graduate programs in business and accounting are AACSB Accredited, which is the international gold standard for quality academic programs in business management. As the longest serving global association dedicated to advancing management education worldwide, AACSB accredits 1025 of the world's best business schools and 194 of the world's best accounting programs.

The Coggin College of Business adheres to all academic policies and regulations of the University. Individuals needing clarification of any of these policies, or an interpretation of how a policy might apply in a given situation, should contact the Coggin Academic Advising Office: building 1, suite 1901; (904) 620 2575; coggin.advising@unf.edu.

Admissions

Transfer students may be admitted into the Coggin College of Business if they satisfy admission criteria for the University.

Readmission

Students who have previously been on probation or suspension may be considered for readmission. The Coggin College of Business carefully evaluates the student's academic records, may ask for additional documentation, and will make the final decision on admission or denial. Conditions for readmission are monitored by the student's academic advisor.

Admission from a Non-Degree or Special Student Status

More information about admission in these classifications can be found here:

Non-Degree Seeking

Post Baccalaureate

Academic Standing (Probation and Suspension)

Information regarding university policy on academic standing can be found here:

UNF: Academic Standing

Coggin College of Business Suspension Terms

- First suspension: student is not allowed to enroll in courses for one semester.
- Second suspension: student is not allowed to enroll in courses for two semesters.
- Third suspension: student is not allowed to enroll in courses for at least three semesters (i.e., one full calendar year). A third suspension will result in breaking continuous enrollment. A student who breaks continuous enrollment must re-apply to the university for admission; readmission is not guaranteed.

Lower-level Prerequisite

The Coggin College of Business lower-level prerequisite courses are prerequisites for most upper-level courses in the college. A grade of "C" or better is required in all prerequisite courses.

Prerequisite/Co-requisite

Students enrolled in Coggin College of Business courses are responsible for assuring they have satisfactorily met the requirements for all prerequisite/co-requisite courses. The student's professor, the department chairperson, or the Director of Academic Advising Services has the discretionary authority to remove any student who has not met the prerequisite/co-requisite requirement of a course. Fees will not be refunded if a student is removed from a course by one of the parties listed above if the removal is for lack of required prerequisites or co-requisites.

- Prerequisite = to take before
- Co-requisite = to take at the same time

Directed Independent (DIS)

Students interested in a directed independent study must obtain appropriate approvals from the faculty member, department chairperson, and the Director of Academic Advising Services. Traditionally, the faculty member initiates a research project with a student. The student and the faculty member must complete a directed independent study form, which must detail the work to be completed and grading policy to be used. Students should work with their faculty member to complete the directed independent study form to ensure proper credit is awarded upon successful completion.

- The maximum number of DIS hours allowed for an undergraduate student is six semester hours.
- Minimum 2.5 GPA.

Use of International Academic Experiences in Undergraduate Degree Evaluations

The Coggin College of Business supports and encourages undergraduate students to study abroad. In all cases, students must obtain approval regarding anticipated academic credit earned prior to departure. The Coggin College of Business offers five types of programs:

- Faculty-led study abroad
- Four-week summer programs (via exchange partners) "Coggin In...."
- Semester and academic year abroad (via exchange partners)
- Semester internship abroad
- Double degree programs (via exchange partners)

Note: Coggin undergraduate students can only apply TWO upper-level, faculty-led study abroad courses towards their program of study. This excludes the 4-week summer and semester programs. Also, Coggin undergraduate students can only use ONE faculty-led study abroad towards their "major" requirements. Please meet with staff in Coggin's Study Abroad Office and a Coggin academic advisors for specific information regarding study abroad opportunities.

Acceptance of "D" Grades

Students must earn a "C" grade or better in all Coggin College of Business courses.

Change of Major Policy

In general, matriculated students who want to change their major within Coggin or transition to Coggin from another college, must have a cumulative GPA of 2.0 or higher. However, there are other stipulations regarding the Change of Major Policy. Please review the UNF Change of Major policy for additional information and meet with an academic advisor to review required coursework. If a student fall within the stipulation of the policy, an academic advisor will submit the major change request.

Concurrent Enrollment Policy

In general, concurrent/transient enrollment in business courses at other institutions is not permitted for Coggin students. Business courses include lower-level business prerequisites and upper-level business courses required for the degree.

UNF native BBA or BA degree seeking students can request permission for concurrent/transient enrollment only when extenuating, documentable circumstances are present. The concurrent/transient approval is required prior to taking the course(s) at another institution. UNF native students are students who first matriculate at UNF after high school graduation.

Transfer students, dependent on their transfer status in accordance with the Florida Board of Governors, would either require permission for concurrent/transient enrollment through Coggin Advising and a "Waiver of College Policy", or the Transient Student Admission Application.

Double Majors and Dual Degree Policies

Double Majors

Any UNF students working towards a single baccalaureate degree who satisfies all requirements for two majors within the Coggin College of Business will be awarded two diplomas and both majors will be reflected on the permanent record. Once the degree has been awarded, subsequent course work cannot be added to create a second degree for either major. In order to earn a double major, students must formally declare the double major and complete all prerequisites and major requirements for each major. Students must meet GPA requirement for each major and earn a minimum of 120 semester hours.

Dual Degrees

Students in the Coggin College of Business may pursue a dual degree as long as the second college (for example College of Arts and Sciences) agrees that the student may seek the simultaneous degree in that college. Students must formally declare a dual degree.

Academic Minors

- Students pursuing the BBA degree are not required to choose a minor
- Students pursuing the BA degree are required to choose a minor
- Minors outside of the College of Business are permitted
- All minors MUST be officially declared with an Academic Advisor

General Education and Foreign Language

All Coggin College of Business students are expected to complete all general education and foreign language requirements before reaching senior standing (90 semester hours).

GPA Required for Graduation

Students graduating with a BA or BBA degree must have a minimum 2.0 GPA in both the UNF overall and upper-level program GPA. Students must have a 2.0 GPA in both the UNF overall and upper-level program GPA for approval to enroll in Business Policy (MAN 4720).

Graduation Upper-Level Hours Requirements

Students earning a Bachelor of Business Administration (BBA) must complete a minimum of 120 semester hours and 60 upper-level hours in addition to all program requirements. International Business majors are required to complete 54 upper-level hours in addition to all program requirements.

Student earning a Bachelor of Arts must complete a minimum of 120 semester hours and 48 upper-level hours in addition to all program requirements.

Second Undergraduate Degree in Business Administration

To earn a post-baccalaureate Bachelor of Business Administration degree from UNF, students must complete a minimum of 30 additional hours of upper-level course work at UNF. This course work must be directly related to the new major and new degree.

Transfer of Credits Policy

Residency Policy

To maintain compliance with AACSB accreditation standards and alignment with UNF Policy 2.0650P *Graduation – First baccalaureate Degree Requirements*, the Coggin College of Business maintains a residency policy that requires undergraduate students to take certain classes from the Coggin College and UNF. This policy has two components, which are listed below.

1. Undergraduate business students must take their last 30 credit hours from the Coggin College.
2. The courses which comprise those last 30 credit hours must include the student's upper-level major courses, as well as their major's capstone course, unless the student has already completed those courses in the Coggin College.

Transfer Course Policy

1. UNF and the Coggin College comply with Florida State University System Board of Governors policy 8.007, which relates to articulation and transfer policies.
2. To accept a transfer course from institutions which **participate** in the Florida Statewide Course Numbering system, the following requirements must be met.
    1. Use of the course in the student's plan of study must not violate the Coggin College residency requirement listed above.
    2. The course must have the same prefix and course number as the UNF course.
    3. To be used as part of the student's plan of study, the course must meet the same GPA requirements that are required for UNF courses.
    4. The course must have been taken within 10 years of the student's expected graduation date.
3. To accept a transfer course from institutions which **do not participate** in the Florida Statewide Course Numbering system, the following requirements must be met.
    1. Use of the course in the student's plan of study must not violate the Coggin College residency requirement listed above.
    2. The course must have been taken at an AACSB accredited institution.
    3. The student must have earned a grade of "C" or higher.
    4. The course must be evaluated by UNF as being equivalent to a required UNF Course. The student must provide the course syllabus for evaluation, and if the syllabus is from an international institution, the syllabus must be translated into English.
    5. The Coggin College may accept a maximum of five upper-level business courses for transfer credit.
    6. The course must have been taken within 10 years of the student's expected graduation date.

10-Year Rule

All upper-level business courses expire after 10 years and must be repeated if the student does not graduate before courses expire. This policy applies both to courses taken at UNF and courses taken at other institutions.

This includes:

- All core courses
- All major course
- All major electives
- Regional Studies and Intermediate Foreign Languages courses (International Business majors)
- All substitutions for the above courses

This excludes:

- All prerequisite/foundation courses
- All cultural diversity courses
- All public speaking courses
- All business communication courses

Note: Courses within the 10-year window at start of the degree may be removed from a student's Degree Evaluation as the 10 year window closes and courses expire.

Additional Policies and Procedures

This catalog does not encompass all policies and procedures in the Coggin College of Business. Please contact an academic advisor for clarification or additional information. As a student, you are responsible for policies and procedures that may not be reflected on this page or discussed by your advisor.

Coggin College of Business Undergraduate Academic Advising

The Coggin College of Business Advising Office provides professional academic advising for sophomores, juniors, seniors, and post-baccalaureate students pursuing majors in the college. Coggin Advisors partner with students to develop an academic plan aligned with their career goals and appropriate degree progression timeline.

Coggin advisors are well trained in all majors and minors in the Coggin College of Business and are committed to providing individualized assistance to a diverse student population. Advising is an engaging process between the advisor and the advisee where ultimately the student is in full control of their educational experience. Therefore, students are encouraged to visit the Academic Advising Office each semester to ensure they are on track for graduation, and to explore opportunities within the college.

Coggin College of Business Graduate Academic Advising

The Coggin College of Business Graduate Academic Advising Office provides professional academic advising to MBA, MsM, MAcc, MSLSCM, MSBA, and graduate certificate students. We strive to guide student toward their academic and professional goals by providing timely information, references, and advice. At the beginning of each semester, we require all newly admitted students to attend a Graduate Student Orientation designed to help students transition to their respective graduate program. We encourage all graduate students to remain engaged with their graduate advisor to ensure they are on track for graduation, and to explore opportunities within the college.

Contact Information

Location: Building 42
Phone: (904) 620-2590
Fax: (904) 620-2594
Website:http://www.unf.edu/coggin/

Mailing Address:
University of North Florida
Coggin College of Business
1 UNF Drive, Building 42
Jacksonville, Florida 32224-7699

Dean's Office
Location: Building 42, Room 2010
Chung-Ping (Albert) Loh, Ph.D., Interim Dean & Professor of Economics
cloh@unf.edu

Russell Triplett, Ph.D., Interim Associate Dean for Faculty, Administration, and Research
r.triplett@unf.edu

David Jaeger, J.D., Associate Dean of Graduate and Executive Programs
djaeger@unf.edu

Amy Lehnhoff, Assistant Director, Operations & Finance
a.lehnhoff@unf.edu

Joslyn Simmons, Assistant Director, Operations & Communications
j.simmons@unf.edu

Programs

International Business, BBA (Alicante)
Business Administration, Minor
Business Analytics, Certificate (CB)
International Business, BBA (Bremen)
General Business, MBA
E-Business, Certificate (CB)
GlobalMBA, MBA
International Business, BBA (Hertfordshire)
International Business, BBA
International Business, Minor
International Business, BBA (KEDGE)
Management, MS
International Business, BBA (UV)

Accounting & Finance Department

Department of Accounting & Finance

Starting Fall 2024: Master of Science in FinTech (STEM)
Phone: (904) 620-2630
Email: coggin.acg.fin@unf.edu

The Master of Accountancy and Bachelor of Business Administration in Accounting degree programs are separately accredited by AACSB International - The Association to Advance Collegiate Schools of Business. Fewer than 2% of business schools worldwide hold both AACSB Business and separate Accounting Accreditation.

Mission

The Department of Accounting and Finance of the University of North Florida shares with the University of North Florida and the Coggin College of Business its fundamental mission.

Within UNF's Department of Accounting and Finance the accounting, finance and financial planning programs are committed to providing high-quality undergraduate and graduate instruction, with particular emphasis on accounting, finance and financial planning education that serves the needs of Northeast Florida. The faculty is committed to teaching excellence enhanced by research and interaction with the accounting and finance professionals in the broader business community. Specifically, the Department of Accounting and Finance seeks:

- To provide Bachelor of Business Administration degrees, which prepare graduates for entry into professional and managerial positions in accounting, finance, and financial planning.

- To provide a professionally oriented Master of Accountancy degree, which enables career advancement and the additional accounting coursework necessary to be licensed as a Certified Public Accountant (CPA) under Florida's accountancy law.
- To provide MBA students the coursework necessary to be licensed as a CPA under Florida's accountancy law.
- To provide quality undergraduate and graduate instruction in accounting and finance, which prepares students for lifelong learning and success.
- To provide intellectual contributions that enhance the delivery of instruction to students, improve the application of existing knowledge, and provide solutions primarily to regional issues. The primary emphasis for intellectual contributions is applied research, followed by instructional research, and pure research.
- To provide service, which contributes to meeting the personal, professional, and life-long learning needs of our students, the University community, the business community, and alumni.
- To provide internship and field experience opportunities to departmental students.
- To attract and retain quality faculty dedicated to teaching, research and service activities consistent with the goals of the department, college and University.
- To pursue continuous improvement in teaching, research and service, the department and its stakeholders will regularly evaluate its mission, objectives and outcomes.

The programs in the Department of Accounting and Finance are designed to provide students with the tools and concepts necessary to practice in the complex professions of accounting, finance, financial planning, and real estate. These disciplines are central to the proper understanding and functioning of all sectors of the economy. At UNF, these areas are taught from the viewpoint of the problems they are intended to help solve. Consequently, decision-making implications receive a high priority. Programs of the department are designed to allow the student to pursue a variety of career objectives.

Accounting Major

The objectives of the BBA in Accounting are:

- To attract and retain students from diverse backgrounds with the abilities required for success in accounting careers.
- To provide accounting students with analytical, team-building, and technological skills; written and oral communication skills; critical thinking, research and problem solving skills that are necessary for lifelong success in the accounting profession.
- To provide exposure to economic, global, political, social, legal, ethical, regulatory, environmental, and technological issues.
- To encourage students to become active in professional organizations in accounting and taxation.
- To maintain an AACSB accredited graduate and undergraduate accounting degree programs.
- To prepare students to enter quality graduate programs.
- To provide students not seeking a graduate degree a means of fulfilling the CPA requirements in Florida.
- To provide internship and field experience opportunities to students.
- To provide students the opportunity to work with faculty on research projects.
- To provide students opportunities for international travel and study.

While the objectives of the various accounting areas of study have several common paths, there is a point where they diverge. Public accountants need more emphasis in the concepts and standards of auditing and financial reporting. Management accountants, serving as controllers, treasurers, and other financial executives need more concentration in the use of accounting data for predicting future costs and income, as well as for evaluative purposes. Governmental accountants need additional emphasis in special accounting methods for non-profit organizations. Internal auditors need to be able to evaluate managerial effectiveness and efficiency.

Regardless of their choice, students will be expected to demonstrate a sound liberal arts education so that their accounting studies can be seen in the perspective of the broader purposes of the organization that employs them, of society's economic, social and cultural institutions, and of their own life goals.

Honors in Accounting

Requirements:

- Must be a declared Accounting major
- Must have a UNF Accounting GPA of 3.5 or higher
- Must be a member of any Accounting Honor Society
    - must be recognized by the department
- Must successfully complete at least two of the following:
    - study abroad in Accounting or a semester abroad through Coggin
    - an Accounting internship
    - a Directed Independent Study in Accounting
    - serve as an Accounting Supplemental Instruction instructor for one semester
    - a three credit hour Honors thesis in Accounting (if 6hrs, will satisfy this area)

Finance Major

The objectives of the BBA in Finance are:

- To attract and retain students from diverse backgrounds with the abilities required for success in finance careers.
- To provide finance students with the skills necessary for success in the finance profession, including analytical, team-building, and technological skills; written and oral communication skills; critical thinking, research and problem-solving skills that are necessary for lifelong success in the finance field.
- To provide exposure to global, political, social, legal, ethical, regulatory, environmental, and technological issues.
- To encourage students to become active in professional organizations in finance.
- To provide internship and field experience opportunities to students.
- To provide students an opportunity to work with faculty on research projects.
- To provide students opportunities for international travel and study.

The major in finance is designed to develop an understanding of the financial aspects of the contemporary economy, the operation of financial institutions, and the financial management of business operations. Students can consider focusing their finance electives into one of the below areas of interest.

- **Corporate**: emphasizes financial management of the firm and focuses on financial analysis, planning, control, and formulation and implementation of corporate financial strategy. The objective of this option is to prepare students for careers as financial managers of corporations or other for-profit or non-profit organizations.
- **Investments:** emphasizes security and portfolio analysis, the trading and creation of the various instruments within the markets, and the management of assets and liabilities. The objective of this option is to prepare students for careers as financial analysts and to begin the preparation of students for the Level I test of the Certified Financial Analysis (CFA) designation.
- **Real Estate**: prepares students for careers in the diverse field of real estate. The program is designed to acquaint students with real estate brokerage, management, appraisal, acquisition, lending, and development with particular emphasis on real estate appraisal, finance, and investment.

The selection of courses for the major in finance should be arranged by students with their academic advisor in conformance with the general requirements outlined below. FIN 3403 and FIN 3233 should be the first two finance courses taken. It is incumbent upon students to plan their courses with the semester in which they are normally offered. Students are warned not to delay taking their finance courses because of prerequisites and limited course offerings.

Financial Planning Major

The objectives of the BBA in Financial Planning are:

- To attract and retain students from diverse backgrounds with the abilities required for success in careers in the financial planning profession.
- To provide finance students with the skills necessary for success in the finance planning, including analytical, team-building, and technological skills; written and oral communication skills; and critical thinking, research and problem-solving skills that are necessary for lifelong success in the finance planning profession.
- To provide exposure to global, political, social, legal, ethical, regulatory, environmental, and technological issues.
- To encourage students to become active in professional organizations in finance.
- To provide internship and field experience opportunities to students.
- To provide students an opportunity to work with faculty on research projects.

The major in financial planning is designed for the student who is interested in a career in personal financial planning in particular and the broader financial services industry in general.

This major integrates investments, estate planning, retirement planning, employee benefits, tax planning, and insurance planning. The objective is to prepare students for careers in the growing financial planning profession. This concentration also emphasizes communication skills. The curriculum is designed to prepare students for the examinations leading to professional designations such as Certified Financial Planner® (CFP®) and Chartered Financial Consultant (ChFC).

The selection of courses for the major in financial planning should be arranged by students with their academic advisor in conformance with the general requirements outlined below.

The requirements for a major in financial planning are:

- Prerequisites for Coggin College of Business:
  - 60 lower-level credit hours from an approved institution (See accounting curriculum for complete details).
- Requirements to earn the bachelor of business administration degree with a major in financial services are:

CFP® and Certified Financial Planner® are certification marks owned by the Certified Financial Planner Board of Standards, Inc. These marks are awarded to individuals who successfully complete the CFP Board's initial and ongoing certification requirements.

Department of Accounting & Finance Faculty

Phone: (904) 620-2630

Sean Davis, Department Chair & Associate Professor

Parvez Ahmed, Professor

Mark C. Dawkins, Professor

Reinhold P. Lamb, Professor & Chairholder

Pieter de Jong, Professor

Oliver Schnusenberg, Professor

David Bryan, Professor

John E. McEldowney, Associate Professor

Robert Slater, Associate Professor

Lei Gao, Assistant Professor

Yvonne Lee, Assistant Professor

Mark Smith, Assistant Professor

Inga Timmerman, Assistant Professor

Hubert W. Gill, Senior Instructor

Jeffrey Gottlieb, Associate Instructor

Monica Salomon, Associate Instructor

Department of Accounting & Finance Policies

Undergraduate

- All students must meet with a Coggin advisor to receive their official Degree Evaluation and Osprey Map to stay on track for graduation.
- Students under the Accounting and Finance Department are encouraged to take advantage of internship and study abroad opportunities.
- Strategic Management and Business Policy - MAN4720 is taken in a student's last semester. An institutional and a program upper-level GPA of 2.0 or better is required before permission is granted to register for MAN4720. Prerequisite courses FIN3403, MAN3025, and MAR3023 must be completed prior to taking MAN4720.
- Review Coggin's undergraduate academic policies page for additional information.

Graduate

Visit the Coggin College of Business website regarding the Academic Policies for the Master of Accountancy and the Master of Science in FinTech (STEM).

Programs

Accounting, BBA
Accounting, MACC
Accounting & Data Analytics, MS
Financial Analytics, Certificate (CB)
Financial Analytics, Certificate (CU)
Finance, BBA
Finance, Minor
Financial Planning, BBA
FinTech, MS

Courses

ACG2021 - Principles of Financial Accounting
ACG2071 - Principles of Managerial Accounting
ACG3103 - Intermediate Accounting Problems and Concepts I
ACG3113 - Intermediate Accounting Problems and Concepts II
ACG3123 - Intermediate Accounting Problems and Concepts III
ACG3501 - Fund Accounting
ACG4201 - Advanced Accounting
ACG4361 - Cost Accounting
ACG4381 - Controllership
ACG4401 - Accounting Information Systems
ACG4651 - Auditing
ACG4842 - Data Analytics for Accounting
ACG4901 - Directed Independent Study in Accounting
ACG4931 - Special Topics in Accounting
ACG4941 - Accounting Internship
ACG4956 - Study Abroad in Accounting
ACG6005 - Fundamentals of Financial Accounting
ACG6305 - Management Accounting
ACG6309 - Advanced Managerial Accounting
ACG6405 - Advanced Accounting Information Systems
ACG6505 - Not-For-Profit Accounting
ACG6645 - Advanced Auditing
ACG6805 - Advanced Financial Accounting
ACG6835 - Accounting Ethics
ACG6838 - Accounting Fraud
ACG6846 - Accounting Data Analytics
ACG6905 - Advanced Studies in Accounting
ACG6936 - Special Topics in Accounting
ACG6957 - Study Abroad in Accounting
FIN3124 - Financial Planning
FIN3140 - Personal Finance
FIN3303 - Financial Markets and Institutions
FIN3403 - Financial Management
FIN3450 - Foundations of FinTech
FIN4126 - Seminar in Financial Planning
FIN4128 - Financial Planning Process and Development
FIN4132 - Estate Planning
FIN4414 - Financial Management II
FIN4451 - Capstone in FinTech
FIN4453 - Financial Modeling
FIN4461 - Financial Statement Analysis
FIN4504 - Investments
FIN4514 - Securities Analysis and Portfolio Management
FIN4533 - Derivatives
FIN4540 - Fixed Income Analysis
FIN4556 - Behavioral Finance
FIN4560 - Student Managed Investment Fund I
FIN4561 - Student Managed Investment Fund II
FIN4604 - International Finance
FIN4901 - Directed Independent Study Finance
FIN4931 - Special Topics in Finance
FIN4940 - Financial Planning Internship
FIN4941 - Finance Internship
FIN4956 - Study Abroad in Finance
FIN6314 - Banking and FinTech
FIN6406 - Advanced Financial Management
FIN6407 - Fundamentals of Financial Management
FIN6455 - Financial Modeling
FIN6515 - Investments
FIN6535 - Derivative Securities
FIN6545 - Fixed Income Analysis
FIN6565 - Student Managed Investment Fund I
FIN6566 - Student Managed Investment Fund II
FIN6605 - International Finance
FIN6778 - Foundations of FinTech
FIN6779 - FinTech Practicum
FIN6796 - Advanced FinTech
FIN6906 - Special Work in Finance
FIN6936 - Special Topics in Finance
FIN6957 - Study Abroad in Finance
REE4043 - Real Estate Analysis
REE4103 - Real Estate Appraisal
REE4204 - Real Estate Finance
REE4303 - Real Estate Finance and Investments
RMI3011 - Risk Management and Insurance
RMI4135 - Employee Benefit Plans
TAX3001 - Federal Income Tax
TAX3011 - Income Tax for Corporations and Partnerships
TAX3721 - Tax Planning in Financial Decisions
TAX4901 - Directed Independent Study in Taxation
TAX6045 - Tax Research and Writing
TAX6105 - Taxation of Business Corporations
TAX6405 - Federal Taxation of Gifts and Estates
TAX6415 - Income Taxation of Estates and Trusts
TAX6505 - International Taxation
TAX6905 - Advanced Studies in Taxation
TAX6957 - Study Abroad in Taxation

Economics and Geography Department

Department of Economics & Geography

Phone: (904) 620-2640

UNF Economics & Geography website

Mission

The Department of Economics and Geography is committed to delivering exceptional undergraduate and graduate instruction by faculty members who are active scholars and who incorporate their research into instructional activities. Our instruction aims to equip students to become lifelong learners and prepare them for productive careers. Additionally, we serve as an intellectual resource for the college, university, and professional community.

Economics Major

The program in the Department of Economics and Geography in the Coggin College of Business provides students with the tools and concepts necessary to understand our modern economy, to function more effectively as citizens, and to make sound decisions. A major in economics opens the door to a wide variety of careers in business, government, and nonprofits. Economics is particularly appropriate for those students who plan to enter public service or law, whether in the community or at other levels, or who plan to go on to graduate study. Both BA and BBA degrees in Economics are offered in the Coggin College of Business. The BA program leaves more flexibility for students to add a major or minor from other disciplines (e.g., Psychology, Computer Science, History, Political Science, Sociology, Statistics, etc). The BBA program requires core courses in business and is intended for students who are considering a business career.

The faculty strongly recommends that students who plan to pursue graduate study in economics also consider a minor in mathematics or statistics, to include some of the following courses:

- Calculus I and II
- Linear Algebra
- Differential Equations
- Probability and Statistics at the upper-division level
- Statistical Methods I and II

Note: graduate school admission requirements in economics often require Calculus I and II and Linear Algebra.

Honors in Economics

Eligibility:

- Completion of at least 60 credit hours of college credit, including at least 12 graded upper-division hours at the University of North Florida
- A minimum of 3.5 GPA within the major
- A minimum of 3.2 GPA in all upper-division courses regardless of Institution

Requirements:

Upon admission to Honors in the Major, the student may be asked to complete IDH3922: Thesis Research Prospectus Colloquium (Optional): 1 hour

- ECO4903 Direct Independent Study Honors in Economics Research: 3 credit hours
- ECO4970 Direct Independent Study Honors in Economics Thesis: 3 credit hours
    - Prerequisite: ECO4903
- Completion of Honors Thesis
    - Prerequisite: ECO4903
    - Corequisite: ECO4970
- Honors in Economics will be awarded upon successful defense of the Honors Thesis.

Economics & Geography Faculty

Russell E. Triplett, Chair & Associate Professor of Economics

Lian An, Professor of Economics

Mina N. Baliamoune-Lutz, Professor of Economics

Sharon C. Cobb, Professor of Geography

Andrés Alberto Gallo, Professor of Economics & Director of International Business Program

Chung-Ping (Albert) Loh, Professor of Economics & Interim Dean

Madeline Zavodny, Professor of Economics

Christopher W. Baynard, Associate Professor of Geography

Chiradip Chatterjee, Associate Professor of Economics

Nilufer Ozdemir, Associate Professor of Economics

Aakrit Joshi, Assistant Professor of Economics

Mary Beal, Associate Instructor of Economics

Tetiana Momot, Professor-in-Residence

Audrieanna Burgin, Adjunct Instructor of Economics & Director of Diversity in Business

Giorgio Mugno, Adjunct Instructor of Economics

Geoffery Mullings, Adjunct Instructor of Economics

Yirgalem Habtemariam, Adjunct Instructor of Geography

Joel Williams, Adjunct Instructor of Geography

Nicholas Bergan, Adjunct Instructor of Economics

Department of Economics & Geography Policies

- All students must meet with a Coggin advisor to receive their Degree Evaluation and Osprey Map to stay on track for graduation.
- All Economics Majors are required to participate in an approved international educational experience. Examples of approved experiences include the following:
    - Successful completion of an internship abroad.
    - Successful participation in a Coggin-sponsored study abroad program.
    - Successful participation in a student exchange program abroad.
    - Studying another language abroad.
    - International students are exempt from this requirement.
- Economics majors are encouraged to take advantage of internship opportunities.
- For BBA students only, Strategic Management and Business Policy - MAN4720 is taken in a student's last semester. An institutional and a program upper-level GPA of 2.0 or better is required before permission is granted to register for MAN4720. Prerequisite courses FIN3403, MAN3025, and MAR3023 must be completed prior to taking MAN4720.

Use of International Academic Experiences in Undergraduate Degree Evaluations

The Coggin College of Business supports and encourages undergraduate students to study abroad. In all cases, students must obtain approval regarding anticipated academic credit earned prior to departure.

The Coggin College of Business offers three types of international experience programs. Visit Coggin Study Abroad website for additional information.

1. Faculty-led study abroad courses
2. Four-week summer programs (via exchange partners)
3. Semester and academic year abroad (via exchange partners)

On a limited case by case basis, students may be approved through the formal College petition process to participate in non-Coggin College of Business study abroad programs, when demonstrating a unique need unable to be met through a Coggin College of Business study abroad program.

Note: Coggin undergraduate students can only apply TWO upper-level, faculty-led study abroad courses towards their program of study. This excludes the 4-week summer and semester programs. Also, Coggin undergraduate students can only use ONE faculty-led study abroad towards their "major" requirements.

Programs

Economics, BBA
Economics, Minor

Economics, BA

Courses

ECO2013 - Principles of Macroeconomics
ECO2023 - Principles of Microeconomics
ECO3101 - Intermediate Microeconomics
ECO3203 - Intermediate Macroeconomics
ECO3411 - Business and Economic Statistics
ECO3421 - Econometrics
ECO3701 - (CD) - The Global Economy
ECO3704 - International Trade
ECO4223 - Monetary Economics
ECO4400 - Game Theory in Economics and Business
ECO4504 - Public Finance
ECO4713 - The International Monetary System
ECO4903 - Directed Independent Study Honors in Economics Research
ECO4905 - Directed Independent Study
ECO4933 - Special Topics in Economics
ECO4950 - Economics Research Practicum
ECO4956 - Study Abroad in Economics
ECO4970 - Directed Independent Study Honors in Economics Thesis
ECO6009 - International Economics
ECO6060 - Economic Analysis
ECO6415 - Making Decisions with Data
ECO6426 - Applied Econometrics
ECO6427 - Microeconometrics
ECO6433 - Economic Forecasting
ECO6705 - The Global Economy
ECO6906 - Directed Individual Studies
ECO6930 - Special Topics in Economics
ECO6955 - Study Abroad in Economics
ECP3203 - Labor Economics
ECP3302 - Environmental Economics
ECP3530 - Health Economics and Policy
ECP3613 - Urban Economics
ECP4413 - Government and Business
ECP6705 - Economics of Business Decisions
ECS3013 - Economic Development
GEA3405 - Geography of Latin America and the Caribbean
GEO2200 - Physical Geography
GEO2420 - Cultural Geography
GEO3372 - Conservation of Natural Resources
GEO3502 - Economic Geography
GEO3553 - Cultural Dimensions of Economic Geography
GEO4905 - Directed Independent Study
GEO4930 - Special Topics in Geography
GEO4956 - Study Abroad in Geography
GEO6506 - Economic Geography and Geographic Information Systems
GEO6906 - Directed Individual Studies in Economic Geography
GEO6936 - Special Topics in Economic Geography
GEO6956 - Study Abroad in Geography
GIS3043 - Introduction to Geographic Information Systems
GIS3250 - Geographic Information Systems for Biology
GIS4024 - Aerial Surveillance and Mapping
GIS4048 - Intermediate Geographic Information Systems
GIS6050 - GIS Theory and Applications
GIS6051 - GIS and Geospatial Technologies

Management Department

Department of Management

Phone: (904) 620-2780

Coggin College of Business Management Website

The Coggin College of Business Management Department prepares you for a successful career in business. The department helps you gain the skills, knowledge and experience to stand out in a highly competitive job market. With a management degree, career opportunities for students can expand and income potential and career satisfaction grow exponentially.

The UNF Business Management Department offers a wide variety of programs that provide business management majors with applicable skills that employers greatly value. Program offerings include:

- Business Intelligence and Analytics
- Business Strategies
- Entrepreneurship
- General Management
- Human Resource Management
- Leadership
- Operations Management

Students in the Business Management programs have opportunities for internships which offer hands-on practical experience, helping to increase employability after graduation.

Coggin College of Business Management Program offers a variety of majors and minors with an impressive array for undergraduate and graduate students alike.

Undergraduate Majors:

- Management
- Business Intelligence

Undergraduate Minors:

- Business Management
- Business Intelligence
- Human Resource Management
- Entrepreneurship
- FinTech for Computing Majors
- FinTech for Finance and Accounting Majors

Special Recognition Programs for Management Majors and Minors

- Honors in Management

Department of Management Policies

Undergraduate Students

All students must meet with a Coggin advisor to receive their official Degree Evaluation and Osprey Map to stay on track for graduation.

Management majors are encouraged to take advantage of internship and study abroad opportunities for academic credit. See a Coggin advisor for more information.

Strategic Management and Business Policy - MAN4720 is taken in a student's last semester. An institutional and a program upper-level GPA of 2.0 or better is required before permission is granted to register for MAN4720. Prerequisite courses FIN3403, MAN3025, and MAR3023 must be completed prior to taking MAN4720.

Graduate Degree Programs

- Master of Business Administration (MBA)
- Master of Science in Management (MSM)
- Master of Science in Business Analytics (MSBA)

The faculty in the Management Department are top-level researchers and thought leaders who have published in impactful academic journals and trade magazines. Moreover, the Management faculty care about their students' future and realize that it's a competitive marketplace. The faculty help business management students tackle today's business challenges

Programs

Business Analytics, MS
FinTech for Computing Majors, Minor
FinTech for Finance and Accounting Majors, Minor
Business Intelligence, BBA
Business Intelligence, Minor
Entrepreneurship for Business Majors, Minor
Entrepreneurship for Non-Business Majors, Minor
Human Resource Management, Minor
Business Management, BBA
Business Management, Minor
Business Management for Non-Management Business Majors, Minor

Courses

BUL3130 - The Legal Environment of Business
BUL4350 - Business Law II

BUL4905 - Directed Individual Studies in Business Law
BUL5810 - Law and Business Environment
BUL6138 - Management in the Legal Environment
BUL6840 - Employment Law
BUL6904 - Directed Individual Studies in Business Law
ENT3173 - Franchising
ENT3204 - New Venture Growth
ENT3503 - Social Entrepreneurship
ENT4183 - Technology Entrepreneurship
ENT6248 - Corporate Entrepreneurship
GEB1011 - Foundations of Business
GEB1038 - UNF Advantage in Business
GEB2112 - Planning a New Business
GEB2956 - Study Abroad in Business
GEB3105 - Small Business Money Management
GEB3132 - Family Business Management
GEB3154 - Entrepreneurial Marketing
GEB3361 - International Business Internship
GEB4104 - Small Business Consulting
GEB4113 - Entrepreneurship
GEB4940 - Coggin Semester Exchange Program
GEB4941 - Foundations of International Business
GEB4942 - Entrepreneurial Internship
GEB4950 - Career Readiness in International Business
ISM4011 - Introduction to Management Information Systems
ISM4113 - Analysis and Design of Business Information Systems
ISM4210 - Data and Information Management
ISM4220 - Business Data Communications
ISM4400 - Enterprise Applications Integration
ISM4403 - Business Intelligence
ISM4941 - Business Intelligence Internship
ISM6021 - Management of Information Technology
ISM6419 - Data Visualization
MAN3025 - Principles of Management
MAN3504 - Operations Management
MAN4029 - Service Operations Management
MAN4064 - Organizational Ethics: A Global Perspective
MAN4082 - E-Business Strategy
MAN4143 - Practical Leadership
MAN4201 - Organization Theory
MAN4240 - Organizational Behavior
MAN4294 - Creativity and Innovation in the Workplace
MAN4301 - Human Resource Management
MAN4312 - Employee Relations Management
MAN4329 - Human Resources Analytics
MAN4334 - Reward Systems Management
MAN4361 - Organizational Staffing
MAN4390 - Current Issues in Human Resource Management
MAN4526 - Six Sigma Applications
MAN4550 - Introduction to Management Science
MAN4583 - Project Management
MAN4600 - International Management
MAN4702 - Emergency and Disaster Management
MAN4720 - Strategic Management and Business Policy
MAN4905 - Directed Individual Study in Management
MAN4930 - Special Topics in Management
MAN4940 - Human Resource Management Internship
MAN4942 - Management Internship
MAN4956 - Study Abroad in Management
MAN6002 - Cornerstones of Management
MAN6056 - Cornerstones of Managing for Value
MAN6204 - Topics in Organizational Theory
MAN6296 - Organizational Leadership
MAN6305 - Human Resource Management
MAN6446 - Advanced Topics in Negotiation
MAN6501 - Modeling and Management of Operations
MAN6525 - Process Management and Quality Improvements
MAN6536 - Planning and Control of Business Processes
MAN6557 - Cross-Functional Integration and Business Planning
MAN6581 - Project Management
MAN6601 - International Management
MAN6656 - Business Environment: United States
MAN6666 - Applied Intercultural Communication: United States
MAN6724 - Strategy for Business
MAN6726 - Advanced Strategic Management
MAN6785 - E-Business Strategy
MAN6789 - Social Media and Business Analytics
MAN6875 - Entrepreneurship and Venture Capital
MAN6905 - Directed Individual Studies in Management
MAN6931 - Special Topics in Management
MAN6943 - Graduate Management Internship

Marketing & Logistics Department

Department of Marketing & Logistics

Phone: (904) 620-2780

Coggin Business College Marketing Program

Coggin Business College Transportation and Logistics Flagship Program

Marketing Major

Ever notice how some brands or campaigns can just connect with you? The Marketing Major provides students with the consumer behavior and analytics tools needed to develop a clear understanding of the customer's purchase journey and to apply these consumer insights to create compelling products and campaigns that captivate these very customers. The marketing curriculum furnishes students with content knowledge and its applications in the principles of marketing, consumer behavior, marketing research and information systems, strategic marketing management, and additional elective areas of marketing as well as more general knowledge and skills relevant to business and a business career.Students with an interest in a sales career can select sales management, professional selling, integrated marketing communications, and professional sales Internship as marketing major electives. Students with an interest in the growing field of analytics and in working with big data can select to minor in Digital Marketing and Analytics, which focuses on a wide array of highly demanded courses by employers such as digital marketing strategy, introduction to marketing analytics, and social media marketing strategy.

Honors in Marketing

Eligibility:

- Declared Marketing major
- At least two non-summer semesters remaining to graduate, excluding enrolled semester
- An overall GPA or UNF GPA (whichever is higher) of 3.5 or higher

- Completion of Principles of Marketing (MAR 3023) with at least an "A-"

Requirements:

- Complete all courses required to graduate with a Marketing degree
- Complete required honors course with a "B"
- Complete internship course with a "B"
- Active member of an approved business club for at least two semesters
    - Approved clubs: UNF Sales Club, UNF AMA, Jacksonville AMA, Women and Business, or other general business club as approved by the honors program committee
- Complete 100 hours of an approved service activity
    - Approved activities: serving as a tutor, a student mentor, or another on or off campus service activity with a not-for-profit as approved by the honors program committee
- Complete of a paid, professional honors internship or a research-based directed independent study (if student's career path is to pursue a doctorate).

Transportation & Logistics Major (Flagship Program)

The University of North Florida's Transportation and Logistics Program offers a unique and rewarding program for students electing to major in transportation and logistics. The program prepares students for challenging careers in supply chain management, international logistics, transportation, and physical distribution in domestic and international settings. Many graduates of the Program have accepted positions with local and regional logistics firms as well as with major corporations located throughout the country. The Program has received considerable state, national, and international recognition. The University of North Florida has designated the program as one of only six Flagship programs so identified on campus. The program is nationally recognized in its field in the USA, placing it among top-tier research universities nationally, and is one of the few non-doctoral-granting institutions in the field. Recent research placed the program in the top 25 in terms of thought leadership in the discipline, as measured by the last 40 years of publications in that journal. Program graduates are automatically certified (upon application, by blanket waiver) by the American Society of Transportation & Logistics - a recognition of curriculum quality granted to only 28 programs nationwide. The Florida Board of Regents selected the UNF Transportation and Logistics Program as one of the initial five programs to receive the Florida Legislature's "Programs of Distinction" emphasis within the State University System. The Board of Regents further recognized the Program by designating it as one of the university system's "Centers for Excellence." These distinctions provide many opportunities for the Transportation and Logistics Program to develop innovative approaches for transportation and logistics education and community service.

The program has outstanding fit to the regional economy. As a growing leader in logistics and international commerce, the Jacksonville area represents a tremendous opportunity for gaining logistics experience. Jacksonville has become a major distribution hub with extensive access to rail, air, maritime and highway transportation as well as to warehousing and international logistics. The city has been recognized as one of the top 10 logistics-friendly U.S. cities, and transportation and logistics has been identified as one of city's four economic "super sectors." More than 650 firms in the region have some significant involvement in freight movement. Program faculty have built outstanding connections to regional T&L leaders CSX, CEVA (formerly TNT) Logistics, Landstar, Crowley, Sea Star Line, Suddath and Southeast Toyota Distributors (all of whom are headquartered here), as well as notable firms which require Transportation & Logistics expertise, including GE, Target, Walgreens, Sears, WalMart, Volkswagen North America, Johnson & Johnson Vistakon and McKesson. Internships with local companies provide opportunities for students to gain hands-on management experience while also applying their education in a real-world setting.

All students seeking a BBA degree with a major in Transportation and Logistics must meet all of the requirements for that degree, including the prerequisites and the 21 credit hours common to all majors. The Transportation and Logistics major also offers significant flexibility for students to double major in other business programs in order to obtain a competitive advantage in the job market due to the high demand for logistics graduates.

Department of Marketing & Logistics Policies

- All students must meet with a Coggin advisor to receive their official Degree Evaluation and Osprey Map to stay on track for graduation.
- Our majors are encouraged to take advantage of internship and study abroad opportunities.
- Strategic Management and Business Policy - MAN4720 is taken in a student's last semester. An institutional and a program upper-level GPA of 2.0 or better is required before permission is granted to register for MAN4720. Prerequisite courses FIN3403, MAN3025, and MAR3023 must be completed prior to taking MAN4720.

Graduate Programs in Logistics & Supply Chain

- M.S. in Logistics & Supply Chain Management
- Logistics & Supply chain Management Certificate (CB)

Department of Marketing & Logistics Faculty

Ronald J. Adams, Ph.D., Professor Emeritus of Marketing

Maryam Afshar, DDES, Visiting Instructor of Marketing

Courtney Azzari, Ph.D., Associate Professor of Marketing

Youngtae Choi, Ph.D., Associate Professor of Marketing

Yanji Duan, PhD., Associate Professor of Transportation and Logistics

Reham A. Eltantawy, Ph.D., Professor of Marketing and Department Chair

Wendy Gillis, DBA. Visiting Instructor of Marketing

Gregory T. Gundlach, Ph.D., Professor & Coggin Distinguished Professor of Marketing

Leslie Gordon, Ed.D., Marketing Adjunct

Greg Gutkowski, MBA, Instructor of Marketing

Todd Haderlie, Ph.D., Assistant Professor of Marketing

Benjamin Hippeli, MBA, Marketing Adjunct

Herbert Kotzab, Ph.D., Professor of Transportation and Logistics, Director, Crowley Center for Transportation and Logistics

Scott Lane, MBA, Transportation and Logistics Adjunct

William Montford, Ph.D., Assistant Professor of Marketing

Dawn M. Russell, Ph.D., Associate Professor of Transportation and Logistics; Director, MBA, MSM, MSLSCM, and Graduate Certificate Programs

Mark Stevens, MBA, Marketing Adjunct

David Swanson, Ph.D., Professor of Transportation & Logistics

Andrew Thoeni, D.B.A., Associate Instructor of Marketing

Todd Weaver, Ph.D., Assistant Professor of Marketing

Programs

Logistics & Supply Chain Management, Certificate (CB)
Logistics & Supply Chain Management, MS
Marketing, BBA
Marketing, Minor
Transportation and Logistics, BBA
Supply Chain Management for Business Majors, Minor
Logistics for Business Majors, Minor
Logistics for Non-Business Majors, Minor

Courses

ISM6404 - Applications of Business Analytics
MAR2905 - Special Topics in Marketing
MAR3023 - Principles of Marketing
MAR3522 - The Pursuit of Happiness in a Consumption-Driven World
MAR3702 - Principles of Digital Transformation in Business
MAR3930 - Selected Topics in Honors in Marketing
MAR4104 - Social and Ethical Issues in Marketing
MAR4156 - International Marketing
MAR4206 - Marketing Channels: Strategy, Structure, and Management
MAR4231 - Retail Management
MAR4323 - Advertising Management
MAR4325 - Social Media Marketing Strategy
MAR4333 - Integrated Marketing Communications Management
MAR4400 - Professional Selling
MAR4403 - Sales Management
MAR4503 - Consumer Behavior
MAR4613 - Marketing Research and Information
MAR4615 - Introduction to Marketing Analytics
MAR4663 - Marketing Models
MAR4721 - Digital Marketing Strategy
MAR4803 - Strategic Marketing
MAR4841 - Services Marketing
MAR4906 - Special Topics in Marketing
MAR4913 - Directed Individual Study
MAR4939 - Professional Development Seminar
MAR4941 - Internship in Marketing and Supply Chain Management
MAR4955 - Study Abroad in Marketing
MAR6055 - Fundamentals of Marketing
MAR6158 - International Marketing
MAR6206 - Marketing Channel Systems
MAR6336 - Integrated Marketing Communications
MAR6409 - Relationship Marketing
MAR6506 - Consumer Behavior
MAR6616 - Marketing Research
MAR6726 - Digital Marketing Analytics
MAR6735 - Consumer Analytics
MAR6805 - Marketing Strategy
MAR6916 - Directed Individual Study
MAR6933 - Special Topics in Marketing
SCM4155 - Supply Chain Management
SCM4170 - Supply Chain Management Strategy, Leadership & Business Applications
TRA3035 - Foundations of Transportation
TRA4132 - Purchasing Management
TRA4139 - Seminar in Purchasing and Materials Management
TRA4202 - Logistics Systems Management
TRA4210 - Logistics Subsystems Analysis
TRA4234 - Warehouse Management
TRA4721 - International Logistics
TRA4910 - Directed Individual Study
TRA4935 - Special Topics in Logistics
TRA4945 - Logistics Internship
TRA4956 - Study Abroad in Logistics
TRA5223 - Production, Marketing, Logistics Management
TRA6015 - Graduate Survey in Transportation
TRA6137 - Strategic Sourcing
TRA6157 - Supply Chain Management
TRA6216 - Strategic Logistics Management
TRA6725 - International Logistics
TRA6905 - Directed Individual Study
TRA6906 - Research Project

Education & Human Services Department

Silverfield College of Education and Human Services

Dean: Stephen Dittmore, Ph.D.
Location: Building 57, Room 360
Phone: (904) 620-2520
Email: silverfield@unf.edu

The Silverfield College of Education and Human Services has long valued its role in the preparation of teaching professionals. The ever-broadening, increasingly diverse needs of society, however, have created a continuing demand not only for qualified teachers, but for other professionals as well. To help meet this demand, the college has expanded its programs. Students may now choose from career paths in teaching in the K-12 school settings, careers in sport leadership, American Sign Language/English Interpreting, disability services, early childhood development and learning, design and technology. The college's theme, **"Partnering to Make the World a Better Place,"** exemplifies the mission to prepare and renew professionals who are equipped to live in pluralistic societies, capable of creating learning communities which focus on continued improvement of the teaching and learning process. Emphasis is placed on application of theory to practice with nearby schools and agencies serving as laboratories for learning.

Vision

The vision of the Silverfield College of Education and Human Services is to be a premier college that is globally recognized for innovative programs and practices, impacts our fields through high quality teaching, scholarship, and service, and prepares graduates who are transformative leaders in their professions.

Mission

The mission of the Silverfield College of Education and Human Services is to:

- Collaborate with local, regional, national, and international stakeholders to promote transformational learning experiences;
- Establish and nurture partnerships with local institutions and agencies to address the needs of our community, which is inclusive of urban areas;
- Develop and offer rigorous programs of study that promote high standards;
- Use evidence-based practices to prepare effective practitioners who exhibit a professional disposition;
- Contribute to the knowledge base in our disciplines through quality scholarship; and
- Model and foster a commitment to professional growth, critical and creative thinking, and reflective practice.

Values

The Silverfield College of Education and Human Services values:

- Integrity that informs ethical behavior and professional excellence;
- Active engagement in efforts to promote equity and social justice;
- Respect for others demonstrated by caring, compassion, and cultural sensitivity; and
- Intellectual curiosity that leads to professional scholarship and innovation.

Accreditation

The Teacher Education Unit at the University of North Florida is accredited by:

- Council for the Accreditation of Educator Preparation (CAEP)
  1140 19th St NW, Suite 400 Washington, DC 22036

Programs in Education are accredited and approved by the following:

- Florida Department of Education (FDOE)
- Council on Education of the Deaf (CED)

Programs in Sport Management are accredited and approved (with notes) by the following:

- Commission on Sport Management Accreditation (COSMA)

Programs in ASL/English Interpreting are accredited by the following:

- Commission on Collegiate Interpreter Education (CCIE)

Courses

SLS2320 - COEHS Connections

Teaching, Learning & Curric Department

Department of Teaching, Learning and Curriculum

Mission

The Department of Teaching, Learning and Curriculum, through teaching, research, and public service, and its commitment to leadership and excellence, strives to enhance the quality of education in its varied forms and settings in Florida, the nation, and the world.

Programs

Our programs prepare teachers who can respond conscientiously to the needs of students from diverse backgrounds to support them in their learning. Teaching is a moral act. It is moral because, in a macro sense, student achievement and successful school experiences are related economically and ethically to the improvement of social and cultural conditions. Well-taught students grow to become adults who can participate fully in our democratic, pluralistic society. In a micro sense, teaching is moral because students' individual lives are improved as they grow and learn.

Teachers must value and be committed to educating and working with all children, regardless of background or ethnicity - a challenging task, especially as the American culture becomes increasingly diverse. The programs and courses of study within this department enable aspiring teachers to demonstrate research-based teaching approaches, to expand their content knowledge in order to help students meet the challenges of the 21st century, to use educational technologies thoughtfully, to value education, and to appreciate the key role of critical thinking and problem solving in all aspects of schooling. The department has as its objectives the development of specified competencies needed for effective classroom performance. Laboratory and clinical experiences of increasing complexity are required and are correlated with theoretical components, providing an opportunity to apply information gathered in the program. Instructional techniques used by the department faculty will include those methods the students are expected to learn and apply in clinical settings.

While the department has specific prerequisite courses, students are expected to be able to demonstrate communication skills throughout the program. Further, students are expected to demonstrate behaviors and dispositions commensurate with established standards for professional educators, including the Florida Educator Accomplished Practices and INTASC principles. The following are specific admission requirements for undergraduate programs that lead to teacher licensure:

- Satisfactory completion of 60 semester hours of credit from UNF or other regionally accredited institution(s). An Associate in Arts Degree (AA) from one of Florida's public community/state colleges or SUS schools satisfies General Education and Gordon Rule requirements.
- A minimum of a C grade in all lower and upper level classes required for the major. This requirement includes all General Education and the prerequisite course, EDF1005 Intro to the Teaching Profession, (EDFX005 can be used as a substitute for EDF1005).
- A cumulative grade point average (GPA) of at least 2.5 or better in all college level course work.

- Although not needed for initial admission to an education major. Students must pass all four parts of the Florida General Knowledge (GK) exam or approved alternate SAT and ACT scores that satisfy the GK exam before reaching 90 credits or senior status. Students not passing the GK by this point will need to select another non-education major.
- Professional education minors may enroll in the specified upper level education courses with the approval of a SCOEHS academic advisor.
- Students must pass the Professional Education exam and the appropriate Subject Area exam to complete internship and graduate.

The State of Florida mandates certification requirements for teachers. Students should see their academic advisors frequently to obtain appropriate advisement for current certification requirements.

Programs of Study

The Department of Teaching, Learning and Curriculum houses the following programs.

Bachelor of Arts in Education Degree Programs

- Early Childhood Education Program which has two concentrations
    - Early Childhood Development (does not lead to teacher licensure)
    - PreK-Primary Licensure (leads to age 3 to grade 3 teacher certification)
- Elementary Education (K-6) Program
- Exceptional Student Education (K-12) Program
- Biology Education (6-12) Program
- Chemistry Education (6-12) Program
- Deaf Education (K-12) Program
- English Education (6-12) Program
- Mathematics Education (6-12) Program
- Middle School Education: Mathematics and Science Program
- Physics Education (6-12) Program
- Social Studies Education (6-12) Program

Master's degree Programs

- Master of Education in Elementary Education
    - This degree program is made up of several core courses and several stackable certificates depending on the student's interest.
- Master of Education in Curriculum and Instruction with the following concentrations:
    - Advanced Secondary Education
    - Early Childhood Education
    - Early Childhood Educational Leadership
    - Elementary Education
- Master of Arts in Teaching (Elementary Education)
- Master of Arts in Teaching (Secondary Education)
    - Biology Education (6-12)
    - Chemistry Education (6-12)
    - English Teaching (6-12)
    - Mathematics Teaching (6-12)
    - Physics Teaching (6-12)
    - Social Studies Teaching (6-12)
- Master of Arts in Teaching (Exceptional Student Education)

*MAT programs are designed for individuals who hold a bachelor's degree in a non-education field who wish to pursue a career as a classroom teacher.

The Department of Teaching, Learning and Curriculum graduate programs assist learners in developing personal and professional competencies needed for successful instruction in today's schools. This goal is achieved through programs emphasizing individually meaningful instruction, the use of innovative materials, and the application of theoretical concepts in laboratory and clinical experiences.

The department offers a wide array of graduate studies for teachers and other educational professionals. In meeting those diverse needs, the department offers three categories of studies at the graduate level.

Category I - Master's Degree Programs for Teachers with Professional Certificates

- Programs for certificated teachers who desire to extend their professional skills and knowledge leading to the awarding of a Master of Education degree are the primary means for pursuing graduate study within the department. The central mission of these programs is to extend and enhance the instructional expertise of the professional teacher. These programs expand the teacher's certified areas of instruction.

Category II - Master's Degree Programs for Uncertified Post-baccalaureate Students

- These programs are for graduate students who do not hold professional teaching certificates but who wish to obtain a Master of Education degree.

Category III-Master's Degree Programs that lead to Teacher Certification

- These programs are for graduate students who are seeking teacher certification in addition to a master's degree.

Category IV - Non-degree Studies that Lead to a Certificate

- These studies are content focused programs that lead to certificates awarded by the University of North Florida. A baccalaureate degree from an accredited institution, either in education or a non-education related field, is required to pursue the certificates. It should be noted that traditional types of financial aid are not available for certificate programs.

General Admission requirements:

- A baccalaureate degree from a regionally accredited U.S. institution or its equivalent from a foreign institution with a grade point average of 3.00 (B) or higher in all course work attempted as an upper division student, normally the 60 semester hours taken during their final two years of baccalaureate study, or
- An earned graduate degree from a regionally accredited U.S. Institution or its equivalent from a foreign institution.

Master of Education Elementary Education Admission Requirements

- Requirements include a 3.0 GPA for the last 60 hours of undergraduate study,
- A copy of a valid Florida Professional Teaching Certificate or Statement of Eligibility for the professional certificate (excluding Early Childhood Education and Early Childhood Educational Leadership) and
- Three letters of recommendation

Graduate Certificate Programs

- Advanced Literacy Practices for Engaging Learners
- Advanced Secondary Instruction
- Partnerships with Individuals with Disabilities & Families
- Early Childhood Education
- Educational Leadership
- Elementary STEM Education
- International Education
- K-12 Reading Endorsement
- Secondary Teacher Thinking & Decision Making
- Sport Management
- Teacher Inquiry
- Teacher Leadership for Professional and Student Learning
- Teaching Diverse Learners
- TESOL-Ed Tech Certificate
- The Whole Child

Minors

The department offers minors in the following areas:

- Early Childhood Education
- Professional Education
- TESOL
- Deaf Education

Department of Childhood Teaching, Learning and Curriculum Faculty

Christian Winterbottom, Chair, Professor

Stacy Boote, Associate Professor

Richard H. Chant, Associate Professor

Kim Cheek, Associate Professor

Jeffrey W. Cornett, Chair Emeritus

Rachelle Curcio, Assistant Professor

Daniel Dinsmore, Associate Professor

Shaqwana Freeman-Green, Associate Professor

Terrie Galanti, Associate Professor

Caroline Guardino, Professor

Katrina Hall, Associate Professor

David Hoppey, Professor

Alice Jo, Visiting Instructor

Jeania Jones, Associate Instructor

Dilek Kayaalp, Associate Professor

Jennifer Kilpatrick, Associate Professor

Adrien Malek-Lasater, Assistant Professor

Paul Parkison, Professor

Meghan Parkinson, Associate Professor

Raven Robinson, Assistant Professor

Elizabeth Rozas, Associate Professor

Nile Stanley, Associate Professor

Madalina Tanase, Associate Professor

Christine Weber, Professor

John White, Professor

Lunetta Williams, Professor

Pamela Williamson, Professor

Diane Yendol-Hoppey, Professor

Brian Zoellner, Associate Professor

Programs

Pathway to Professional Credentialing, Certificate (CB)
Advanced Literary Practices for Engaging Learners, Certificate (CB)
Advanced Secondary Instruction, Certificate (CB)
Curriculum and Instruction, MED
Curriculum and Instruction: Early Childhood Education Leadership, MED
Computer Science High School Teacher, Certificate (CU)
Deaf Education, Certificate (CB)
Deaf Education, BAE
Deaf Education, Minor
Early Childhood Education, Certificate (CB)
Early Childhood Education, BAE
Early Childhood Service Leadership, Minor
Special Education: Exceptional Student Education, BAE
Elementary Education, MED
Elementary Education (K-6), BAE
Elementary Education, MAT
English Education (6-12), BAE
Exceptional Student Education, MAT
TESOL, Minor
Elementary STEM Education, Certificate (CB)
TESOL, Certificate (CB)
International Education, Certificate (CB)
International Education, Certificate (CB)
Instructional Planning and Decision-Making, Certificate (CB)
Core K-12 Teaching Skills, Certificate (CU)
Teacher Leadership for Professional & Student Learning, Certificate (CB)
Math Education (6-12), BAE
Middle School Education: Math/Science, BAE
Professional Education, Minor
K-12 Reading Endorsement, Certificate (CB)
Secondary Education, MAT
Secondary Education: English/ESOL Teaching, MAT
Science Education, BAE
Social Studies Education (6-12), BAE
Teaching Diverse Learners, Certificate (CB)
Teacher Inquiry, Certificate (CB)
Secondary Teacher Thinking & Decision Making Certificate Degree, Certificate (CB)
Whole Child, Certificate (CB)

Courses

EBD4231 - Specialized Curriculum for Emotionally Handicapped Learners
EBD4243 - Instructional Strategies for Students with Emotional Handicaps
EBD6015 - Nature and Needs of Learners with Emotional Handicaps
EBD6221 - Behavior Management of Learners with Emotional Handicaps
EBD6235 - Curriculum for Students with Emotional Handicaps
EBD6242 - Advanced Strategies:Emotionally Handicapped
EDE4936 - Capstone: Classroom Inquiry for Student Teaching/Internship
EDE4943 - Student Teaching Internship
EDE6047 - Teacher Leadership for Professional and Student Learning
EDE6205 - Effective Practices for Differentiating Instruction
EDE6225 - Elementary School Curriculum and Instruction
EDE6935 - Special Topics
EDF1005 - Introduction to the Teaching Profession
EDF1690 - Schools On-Screen: Education in Media
EDF2085 - Introduction to Diversity for Educators
EDF2260 - Strategies for Student Success
EDF3151 - Educational Psychology
EDF3945 - Field Laboratory I
EDF3946 - Field Laboratory II
EDF3947 - Field Laboratory III
EDF4444 - Assessment of Learning and Behavior
EDF4466 - Assessment of Behavior and Learning for Fine Arts Classrooms
EDF6237 - Principles of Learning and Introduction to Classroom Assessment
EDF6687 - Foundations of Multicultural and Urban Education
EDG2340 - Introduction to Differentiated Instruction
EDG3321 - Elementary Field Experience I
EDG3322 - Elementary Field Experience II
EDG3323 - The Learning Process
EDG3324 - Methods of Conceptual Teaching
EDG3373 - Integrating the Arts in Elementary Formal and Informal Learning Environments
EDG4410 - Classroom Management and Communication
EDG4442 - Elementary Field Experience III
EDG4905 - Individual Investigation and Study
EDG6067 - Introduction to Teacher Inquiry
EDG6070 - Teacher Thinking and Decision Making In School Settings
EDG6348 - Coaching and Mentoring for Effective Teaching and Instruction
EDG6407 - Managing Effective Learning Environments
EDG6415 - Principles of Instruction and Classroom Management
EDG6427 - Teacher Inquiry for Internship
EDG6632 - Multicultural Content in School Curriculum
EDG6757 - Teaching Linguistically Diverse Students
EDG6906 - Individual Study and Research
EDG6911 - Action Research in Education
EDG6937 - Special Topics Seminar
EDG7224 - Advanced Perspectives on Curriculum
EDG7282 - Policy and the Role of the Educational Leader
EDG7359 - Facilitating and Designing Professional Learning
EDG7932 - Advanced Seminar in Instructional Assessment
EEC3266 - Program Planning: Infants, Toddlers, and Young Children
EEC3408 - Forming Family, School and Community Partnerships
EEC3731 - Movement and Wellness for the Young Child
EEC4054 - Leadership and Service in Early Childhood Settings
EEC4203 - Primary Education II
EEC4207 - Measurement, Evaluation, and Planning for Young Children
EEC4213 - Teaching Literacy in Early Childhood through Grade 3
EEC4245 - Social Studies in Early Childhood through grade 3
EEC4260 - The Whole Child and Play
EEC4321 - Teaching Mathematics in Early Childhood Settings through grade 3
EEC4323 - Teaching Science in Early Childhood Settings through grade 3
EEC4410 - Global Community Engagement
EEC4604 - Primary Education III
EEC4912 - Supervised Inquiry and Research
EEC4940 - Childhood Practicum
EEC4942 - EC Student Internship
EEC6205 - Curriculum and Instruction in Early Childhood Education
EEC6261 - Program Planning for Infants, Toddlers, and Young Children
EEC6611 - Early Childhood Education
EEC6756 - Social-Emotional Learning and the Young Child
EEC6944 - Practicum in Early Childhood Education
EEX3250 - Reading Methods for Learners with Exceptionalities
EEX3252 - Language Arts for Learners with Exceptionalities
EEX3253 - Teaching Students with Exceptionalities in Secondary Education Content Areas

EEX4101 - Language Development and Disorders
EEX4240 - Literacy Instruction and Intervention for Readers
EEX4254 - Emergent and Early Literacy Instruction and Intervention for All Learners
EEX4255 - High-Leverage Instructional Practices and Individual Planning for Learners with Exceptionalities
EEX4257 - Literacy Assessment for All Learners
EEX4270 - High-Leverage Practices for Exceptional Learners 1
EEX4271 - High-Leverage Practices for Exceptional Learners 2
EEX4272 - High-Leverage Practices for Exceptional Learners 3
EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings
EEX4281 - Career Development and Transition for Learners with Exceptionalities
EEX4345 - Introduction to Inquiry and Assessment
EEX4474 - Teaching Students with Moderate to Severe Disabilities
EEX4484 - Mathematics Instruction for Learners with Exceptionalities
EEX4604 - Classroom and Behavior Management
EEX4616 - Classroom Management of Learners with Exceptionalities
EEX4840 - Literacy Practicum for All Learners
EEX4861 - Internship
EEX5053 - Foundations of Exceptional Education and Services
EEX5075 - Teaching Students with Exceptionalities in Inclusive Settings
EEX5485 - Mathematics Instruction for Learners with Exceptionalities
EEX5665 - Classroom and Behavior Management
EEX6025 - Issues and Trends in Exceptional Education Services
EEX6052 - Curriculum and Instruction for Learners with Exceptionalities
EEX6063 - Preschool Programming for the Exceptional Child
EEX6203 - Developmental Variations
EEX6239 - Preschool Assessment of Exceptional Child
EEX6256 - Literacy I for Students with Exceptionalities
EEX6259 - Literacy II for Students with Exceptionalities
EEX6515 - Special Education Policy and Leadership
EEX6669 - Organizational Behavior Management
EEX6766 - Instructional and Assistive Technology in Special Education
EEX6841 - Practicum in Special Education
EEX6848 - Literacy Practicum in Exceptional Student Education
EEX6849 - Practicum in Exceptional Student Education: Professional
EEX6911 - Independent Study and Research
EHD3941 - Deaf Education Field Practicum I
EHD4013 - Deafness and Diversity
EHD4245 - Language and Literacy Assessment & Instruction for DHH Students
EHD4261 - Audiology and Speech Science
EHD4263 - Methods of Teaching Listening and Spoken Language to DHH Students
EHD4270 - Deaf Education Field Practicum III
EHD4290 - Differentiating Literacy Instruction for Deaf and Hard of Hearing Students
EHD4291 - Content Area Curriculum & Instruction for DHH Students
EHD4293 - Reading Instruction and Assessment for Students who are Deaf or Hard of Hearing
EHD4311 - Psychology and Education of the Deaf
EHD4904 - Independent Study in Deaf Education
EHD4940 - Deaf Education Field Practicum II
EHD4942 - Deaf Education Literacy Practicum
EHD4943 - Deaf Education International Practicum
EHD4944 - Deaf Education Internship
EHD6361 - Math/Science/Social Studies Instruction for the Deaf
ELD4230 - Curriculum for Students with Learning Disabilities
ELD6235 - Methods Ind Inst Learning Diabilities
EMR4222 - Specialized Curriculum for Students Who Are Mentally Handicapped
EMR6256 - Advanced Functional Literacy Strategies:Mental Retardation
ESE2210 - Introduction to Computer Science for Teachers
ESE2211 - Teaching Computer Science in Secondary Schools
ESE4943 - Student Internship
ESE6215 - The Secondary School Curriculum
ESE6947 - Professional Internship
ETG3949 - Experimental Study/Technology
FLE4333 - Special Methods: Foreign Languages
HSC3301 - Health and Movement Education in the Elementary School
IDC6015 - Computational Thinking in Elementary STEM Plus C Environments
LAE3210 - Foundations of Literacy
LAE3211 - Literacy Instruction and Assessment
LAE4312 - Differentiating Instruction in Literacy
LAE4335 - Special Methods: Secondary English
LAE5330 - Teaching Shakespeare's Plays
LAE6319 - Language Arts Methods for Elementary Teachers
LAE6338 - Teaching Writing 6-12
LAE6339 - Special Methods in Teaching English
MAE3312 - Mathematics Methods for Elementary Teachers
MAE4013 - Teaching Mathematics in the Intermediate Elementary Grades
MAE4320 - Special Methods: Middle Grades Mathematics
MAE4330 - Special Methods: Secondary Mathematics
MAE6317 - Teaching Elementary Mathematics Using Technology
MAE6318 - Mathematics for Elementary Teachers
MAE6336 - Special Methods in Teaching Mathematics
PEN1231 - Basic Sailing
PEO3344 - Tennis Coaching
PEP3304 - Track and Field Coaching
PET3422 - Fitness Education for Children and Adolescents
PET3434C - Learning Through Movement
RED3310 - Teaching Reading as a Process
RED4333 - Reading and Writing Across the Curriculum
RED4335 - Language and Cognitive Foundations for Reading
RED4844 - Supervised Literacy Practicum
RED5846 - Practicum in Reading
RED6096 - Literacy Coaching
RED6303 - Building Literacy through Play
RED6334 - Reading and Writing Across the Content
RED6345 - Motivation and Engagement in Literacy Learning
RED6347 - Reading as Communication in Whole Language Classrooms
RED6349 - Teaching Literacy through Storytelling
RED6395 - Adv Reading Assessment/Implementation of Reading Programs
RED6656 - Advanced Foundations of Reading
RED6657 - Evidence-Based Literacy Instruction
RED6698 - Teaching Critical Literacy
RED6906 - Directed Individual Study in Reading
SCE4310 - Science Methods for Elementary Teachers
SCE4320 - Special Methods: Middle Grades Science
SCE4330 - Special Methods: Secondary Science
SCE5465 - Science, Technology and Society
SCE6117 - Science for Elementary Teachers
SCE6337 - Special Methods in Teaching Science
SCE6735 - Trends and Issues in Elementary Science Teaching and Learning
SMT4664 - Problem-Based Instruction Math-Science
SMT6315 - Problem-Based Instruction in Math-Science
SMT6316 - Developing Creativity and Innovation in Elementary STEM Classrooms
SMT6615 - Engineering in the Elementary Classroom
SSE3313 - Social Studies Methods for Elementary Teachers
SSE4384 - Special Methods: Social Studies
SSE6318 - Social Studies Methods for Elementary Teachers
SSE6385 - Special Methods in Teaching Social Studies
TSL3080 - ESOL Foundations: Culture and Language
TSL4240 - Applied Linguistics and Grammar in TESOL
TSL4324 - TESOL for Secondary Content Area Teachers
TSL4340 - TESOL Methods and Curriculum
TSL4441 - Assessment in ESOL Settings
TSL4520 - ESOL Cross-Cultural Communication
TSL4944 - TESOL Practicum
TSL6142 - ESOL Curriculum Development
TSL6245 - ESOL Language and Literacy Development
TSL6254 - Applied Linguistics and Grammar for Educators
TSL6325 - TESOL Methods: Content Instruction

TSL6345 - Methods of Teaching in ESOL and Bilingual Settings
TSL6440 - Assessment in ESOL Settings
TSL6525 - Cross-Cultural Communication and Knowledge
TSL6700 - Issues in ESOL for School Counselors
TSL6915 - Directed Individual Study and Research
TSL6940 - TESOL Practicum
TSL6945 - Professional Internship in TESOL

Ldrshp, Sch Counsel, Spt Mgmt Department

Department of Leadership, Organization and Community Impact

Web Address: https://www.unf.edu/silverfield/loci

Undergraduate

Bachelor of Science in Sport Management

The Bachelor of Science in Sport Management has two concentration options for students who are interested in working in the sport industry. The Sport Management Concentration is appropriate for those candidates who seek careers in professional sport, intercollegiate athletics, or sport entrepreneurship. There is a fully online option in Sport Management with a concentration in Marketing. This program is designed for upper level transfer students. The program is limited to fall admission only. Students interested in this degree program should contact Program Director, Dr. Tae Ho Kim, or an academic advisor in the Silverfield College of Education and Human Services.

Bachelor of Arts in Special Education—Disability Services

The undergraduate program in Special Education, Disability Services concentration, prepares disability services professionals with competencies necessary to produce gains and desirable behavior changes in individuals with disabilities in a variety of settings. Successful completion of the courses of study prepares the student who does not wish to obtain a teaching license but would like to work with individuals with disabilities in schools and other agencies or settings in related positions.

Bachelor of Science in ASL/English Interpreting

Students may also prepare for a B.S. degree in ASL/English Interpreting which has two concentration options. Students can choose a concentration in Community Interpreting or a concentration in Educational Interpreting. Students seeking to complete the B.S. in ASL/English Interpreting must complete their first two years of interpreting at an accredited and approved ASL/English Interpreting program; usually culminating in an A.S. degree and then transferring to UNF for their final two years.

Program Mission and Philosophy

The mission of the ASL/English Interpreting Program is to prepare entry-level practitioners who can manage the intercultural demands and complex cognitive tasks for conveying dynamically equivalent messages between American Sign Language and English. The program strives to provide an evidence-based curriculum that instills strong communication skills in English (written and spoken) and American Sign Language (receptive and expressive). The program is based on core values of ethical reasoning and decision-making, critical thinking, and Deaf community alliance. In addition, we aspire to graduate students who consistently demonstrate interpersonal skills that reflect unconditional positive regard for all participants in the interpreting process and professional dispositions that embrace diversity, respect, equity, and equality of opportunity among the diverse language and cultural groups of the community. Program faculty members are committed to conducting and incorporating research in interpreting and interpreter education, receiving ongoing training on best practices in distance learning, and infusing the standards outlined by the Commission on Collegiate Interpreter Education.

Bachelor of Science in Learning Design and Technology

The Bachelor of Science in Learning Design and Technology (LDT) program equips students with essential skills for careers in learning design and training. It offers a dynamic curriculum that blends foundational knowledge with hands-on opportunities to create technology-driven training and educational environments. Students will work alongside industry leaders and peers, building expertise in evidence-based practices and developing high-quality learning solutions. The program emphasizes research, industry internships and the exploration of emerging technologies and best practices. Students learn to support diverse learning environments and workforce development, preparing for impactful careers in workplace training and inclusive learning design.

The program offers two concentrations: **Workforce Learning** and **Leadership and Professional Education**. Workforce Learning and Leadership focuses on workplace training, leadership and organizational development while the Professional Education concentration is designed for those pursuing careers in education and technology integration within academic settings.

Graduates will be prepared for careers in instructional design and training across a wide range of industries, including major corporations like Disney, Florida Blue, and Amazon, as well as government, military, non-profits and smaller organizations. Recognized as a growing field by the Florida Department of Economic Opportunity, LDT offers diverse and promising career opportunities. At UNF, the LDT program fosters a vibrant community where students can engage in meaningful, creative learning experiences, guided by faculty committed to their success.

The Department of Leadership, Organization and Community Impact offers undergraduate programs in the following areas:

- Sport Management
- Sport Management - Marketing Concentration
- American Sign Language - Community Interpreting
- American Sign Language - Educational Interpreting
- Disability Services
- Learning Design and Technology

The Department of Leadership, Organization and Community Impact offers undergraduate minors in the following areas:

- Sport Management
- Leadership
- Community Sport and Tourism
- Fitness Management
- Learning Design & Technology
- Disability Services
- ASL/Deaf Studies

Graduate

The Department of Leadership, Organization and Community Impact offers professional studies suitable for students interested in careers in Educational Leadership, School Counseling, and Athletic Administration. Master of Education programs are offered in school leadership, advanced teaching and learning, and Higher Education Administration, Instructional Technology, Training and Development, School Counseling, and Athletic Administration and a Doctor of Education program in educational leadership.

- Doctor of Education in Educational Leadership
- Master of Education in School Leadership
- MS in Higher Education/General Higher Education
- MS in Higher Education/International Programs
- MS in Higher Education/Student Affairs
- MS in Higher Education/Collegiate Athletics
- MS in Higher Education/Non-Profit Management
- MS in Instructional Technology, Training & Development
- Master of Education in Athletic Administration
- Master of Education in Counselor Education: School Counseling
- Master of Science in ASL/English Interpreting: General Practice
- Master of Science in ASL/English Interpreting: Educational Interpreting
- Master of Science in ASL/English Interpreting: Interpreting Pedagogy
- Master of Education in Disability Services Concentration
- Master of Education in Exceptional Student Education

Admission Requirements:

Doctor of Education

1. A master's degree from a regionally accredited institution with a minimum GPA of 3.25
2. An acceptable score on the Graduate Record Examination or, with the approval of the program director or an acceptable score on the GMAT.
3. Three years of successful teaching experience or professional administrative experience in education or related field
4. Demonstrated leadership ability or leadership potential
5. Demonstrated academic ability and potential to complete the course work and a dissertation successfully
6. Career goals in professional education consistent with the objectives of the doctoral program
7. Recommendation of the Doctoral Admissions Committee.

Master of Education

1. A baccalaureate degree from a regionally accredited U.S. institution or its equivalent from a foreign institution with a grade point average of 3.00 (B) or higher in all work attempted as an upper division student, normally the 60 semester hours taken during the last two years of baccalaureate study or
2. An earned graduate degree from a regionally accredited U.S. institution or its equivalent from a foreign institution.

Additional Requirements per Program:

- Educational Leadership/School Leadership
- Official transcripts from all attended institutions
- A written statement of intent
- A current resume
- Three letters of recommendation (one from a school administrator (online forms preferred).
- Copy of a valid teaching certificate or statement of eligibility
- At least one (1) year of successful full-time teaching experience in a public or private school (Three (3) years preferred).

Educational Leadership/Athletic Administration

Official transcripts from all attended institutions

1. A written statement identifying professional career goals and aspirations
2. A current Resume
3. Three letters of recommendation (online recommendation forms preferred).

Educational Leadership/Technology Education Leadership

1. Official transcripts from all attended institutions
2. A written statement identifying professional career goals and aspirations
3. A current Resume
4. Three letters of recommendation (online recommendation forms preferred).

Higher Education Administration

1. Official transcripts from all attended institutions
2. A written statement identifying professional career goals and aspirations
3. A current Resume
4. Three letters of recommendation (online recommendation forms preferred).

Note: Applicants not meeting the admission criteria of a 3.00 GPA in their last 60 hours of their baccalaureate degree will be required to apply for admission under our exceptions policy and must submit a competitive GRE or MAT score taken within the last 5 years.

Master of Education / School Counseling**

1. Official transcripts from all attended institutions
2. GRE Scores. Prior to July 1.2011: composite score of 1000 for both verbal and quantitative. After July 1, 2011: composite score of 297 for both the verbal and quantitative portions. Note: Applicants may submit passing scores from the Florida General Knowledge (GK) test in lieu of GRE scores.
3. Letter of intent
4. Three letters of recommendation.
5. Personal interview required for admission.

** Note: Candidates seeking admission to state-approved educator preparation programs must demonstrate mastery of general knowledge for admission to the program by providing passing scores of the GK or GRE exams.

Department of Leadership, Organization and Community Impact Faculty

Undergraduate

Stephen Dittmore, Ph.D. Dean of Silverfield College of Education and Human Services

Jennifer Kane, Ph.D. Associate Dean and Associate Professor

Christopher A. Janson, Ph.D. Associate Professor and Program Director for School Counseling

Elizabeth Gregg, Ph.D., Professor

Matthew Ohlson, Professor and Director of Taylor Leadership Institute

Jason W. Lee, Ph.D., Professor

Kristi Sweeney, Ph.D., Associate Professor and Department Chair

Tae Ho Kim, Ph.D., Associate Professor and Program Director for Sport Management

Wanyong Choi, Ph.D., Assistant Professor

Jonathan Antal, M.S., Instructor, ASL

Deborah Reed, Ed.D., Associate Instructor and Director of Disability Services

Len Roberson, Ph.D., Professor and director of ASL/English Interpreting Program

Michael Stultz, M.A., Associate Instructor, and Program Director of ASL/English Interpreting Program

Dawn Wessling, Ph.D., NIC Master, Assistant Professor

Graduate

Jennifer Kane, Ph.D. Associate Dean and Associate Professor

Cheryl A. Fountain, Ed.D. Professor and Executive Director, Florida Institute of Education

Luke M. Cornelius, Ph.D. JD. Associate Professor

David Hoppey, Ph. D. Professor and Program Director for Ed.D in Educational Leadership

Christopher A. Janson, Ph.D. Associate Professor and Program Director for School Counseling

Elizabeth Gregg, Ph.D. Professor

Jason W. Lee, Ph.D. Professor

Sophie Filibert, Ph.D. Associate Professor

Kristi Sweeney, Ph.D. Associate Professor and Department Chair

Amanda Pascale, Ph.D. Associate Professor

Suzanne Ehrlich, Ph.D, Associate Professor and Program Leader for Instructional Technology, Training and Development

Laura Boilini, Ph. D., Clinical Assistant Professor and Program Leader for the M.Ed. in Educational Leadership

Deborah Reed, Ed.D., Associate Instructor, faculty in residence and director of Disability Services

Len Roberson, Ph.D., Professor and director of ASL/English Interpreting Program

Dawn Wessling, Ph.D., NIC Master, Assistant Professor

Programs

Applied Behavior Analysis, Certificate (CB)
American Sign Language/Deaf Studies, Minor
Counselor Education: School Counseling, MED
Curriculum and Instruction, EDD
Educational Leadership, EDD
Educational Leadership, MED
Educational Leadership: School Leadership without Florida Educational Leadership Certification, MED
Educational Leadership, Certificate (CM)
Fitness Management, Minor
Higher Education Administration, MS
Instructional Technology, Training and Development, MS
Leadership, Minor
Learning Design and Technology, BS
Learning Design and Technology, Minor
Partnerships with Individuals with Disabilities & Families, Certificate (CB)
Special Education: Applied Behavior Analysis, MED
ASL/English Interpreting, BS
ASL/English Interpreting, MS
Special Education: Disability Services, BAE
Special Education, MED
Disability Services, Minor
Sport Management, BS
Sport Management, Minor
Sport Management, Certificate (CB)

Courses

ASL2140 - American Sign Language I
ASL2150 - American Sign Language II
ASL3226 - Advanced ASL Proficiency
ASL3301 - ASL Structure
ASL3435 - Fingerspelling and Numbering Systems in ASL
ASL3514 - Deaf Culture
ASL4131 - American Sign Language III
ASL4205 - Methods of Teaching ASL-English Bilingual Deaf and Hard of Hearing Students
ASL4211 - American Sign Language IV
ASL4324 - Advanced ASL Discourse
ASL4602 - Methods of Teaching American Sign Language
ASL4603 - First and Second Language Acquisition
ASL4702 - American Sign Language Literature
EDA6061 - Introduction to Educational Leadership
EDA6191 - Team Leadership
EDA6196 - Leadership for Learning Organizations (Operational Leadership II)
EDA6215 - Developing School and Community Resources (School Leadership II)
EDA6232 - Law and Ethics in Ed Leadership (Operational Leadership III)
EDA6233 - Early Childhood Leadership Policy and Law
EDA6242 - School Finance (Instructional Leadership III)
EDA6271 - Technology and Educational Leadership (Operational Leadership IV)
EDA6423 - Data Driven Decision-Making in Educational Leadership
EDA6910 - Individual Study and Research
EDA6945 - Practicum in Educational Leadership
EDA7190 - Leadership for the Evolving Leader
EDA7192 - Collective Leadership in Organizations and Communities
EDA7193 - Educational Leadership for Change
EDA7194 - Seminar in Educational Policy
EDA7400 - Research in Education: Quantitative Method
EDA7410 - Research in Education: Qualitative Method
EDA7420 - Foundations of Research in Education
EDA7421 - Research Design Seminar 2: Proposal Development
EDA7426 - Academic Writing in Education: Framing Problems of Practice
EDA7905 - Individual Study and Research
EDA7979 - Research Design Seminar 1: Advanced Methods
EDA7980 - Doctoral Dissertation Research
EDF6480 - Foundations of Educational Research
EDF6495 - Research and Assessment in School Counseling
EDF6607 - Education in America
EDF7215 - Learning and Instruction throughout the Lifespan
EDF7545 - Philosophy of Education
EDF7635 - Cultural and Social Foundations of Education
EDG2000 - Career Planning and Professional Success
EDG6285 - Fundamentals of Program Evaluation
EDG6287 - Principles of School Accountability and Assessment (Instructional Leadership II)
EDG6625 - Curriculum and Assessment Leadership
EDH6020 - Foundations of Student Affairs
EDH6025 - Higher Education Advancement
EDH6031 - Leadership of Student Affairs
EDH6041 - College Student Counseling
EDH6045 - Student Development in Higher Education
EDH6050 - Diversity in Higher Education
EDH6058 - Comparative Higher Education
EDH6069 - Foundations of Higher Education
EDH6250 - Study Abroad in Higher Education Administration
EDH6401 - Higher Education Policy
EDH6405 - Higher Education Law
EDH6415 - Personnel Management in Higher Education
EDH6416 - Career Services in Higher Education
EDH6505 - Higher Education Finance
EDH6510 - Grants Development and Project Design
EDH6635 - Organization and Leadership in Higher Education
EDH6637 - Campus Crisis Management
EDH6648 - Outcomes Assessment in Higher Education
EDH6946 - Practicum in Higher Education Administration
EDS6050 - Instructional Leadership (Instructional Leadership IV)
EDS6130 - Human Resource Development in Education (Operational Leadership I)
EEX3004 - Disability and Community Support Agencies
EEX3005 - Introduction to Disabilities
EEX3070 - Inclusion of Individuals with Disabilities
EEX3754 - Impact of Disabilities on Families, Schools, and Communities
EEX3843 - Clinical: Community and Participation
EEX3844 - Clinical: Family and Social Capital
EEX3846 - Clinical: Employment and Law
EEX4024 - Disability Laws and Policies
EEX4607 - Introduction to Applied Behavior Analysis
EEX4753 - Cooperative Consultation in Special Education
EEX4779 - Disability, Employment, and Community Engagement
EEX4845 - Clinical: Senior Capstone
EEX4905 - Individual Investigation and Study
EEX4930 - Seminar in Exceptional Student Education
EEX5308 - Single Case Research Design
EEX5612 - Concepts and Principles of Applied Behavior Analysis
EEX5617 - Principles of Applied Behavior Analysis II
EEX5619 - ABA in Dev Disabilities and Autism
EEX5852 - Practicum in Applied Behavior Analysis I
EEX6283 - Social, Personal, and Career Skills for Exceptional Students
EEX6301 - Research in Special Education
EEX6402 - Communication, Collaboration, and Consultation Skills for Special Education
EEX6615 - Implementation of Evidence Based Behavioral Intervention
EEX6617 - Comprehensive Behavioral Intervention for Skill Acquisition
EEX6625 - Applied Behavior Analysis in Ed. and Performance Management
EEX6627 - Supervision and Case Management in Applied Behavior Analysis and Education
EEX6635 - Positive Behavioral Interventions and Supports
EEX6636 - Research-Based Design for Behavioral Intervention
EEX6664 - Advanced Practices in Applied Behavior Analysis
EEX6668 - Behaviorism
EEX6732 - Facilitation of Parent Interaction
EEX6747 - Ethics and Professionalism in Applied Behavior Analysis and Exceptional Student Education
EEX6853 - Practicum in Applied Behavior Analysis II
EEX6854 - Practicum in Applied Behavior Analysis III
EEX6856 - Practicum in Applied Behavior Analysis IV
EEX6936 - Advanced Seminar: Current Topics in Special Education
EME1000 - Introduction to Learning Design and Technology
EME2040 - Introduction to Educational Technology for Learning Professionals
EME3044 - Issues and Trends in Educational Technology
EME3045 - Technology Tools and Skills for Effective Communication
EME3047 - Technology Tools and Skills for Effective Presentation
EME3048 - Designing for Learning Platforms
EME3342 - Data Analysis and Visualization Design for Instruction
EME3351 - Adult Learning Theory and Curriculum Development
EME3364 - Research Methods in Learning Design and Technology
EME3624 - Training Needs Assessment
EME3905 - Directed Independent Study
EME4043 - Instructional Technology Leadership
EME4083 - Program Evaluation in Instructional Design and Technology
EME4223 - Gamification of Learning
EME4334 - UDL: Universal Design for Learning
EME4673 - Foundations of Instructional Design
EME4674 - Development of Instructional Materials
EME4684 - Learning Design and Technology Capstone
EME5403 - Technology in Education
EME6046 - Technology and Literacy
EME6055 - Trends and Issues in Technology, Education, and Training
EME6061 - Educational Technology Portfolio
EME6226 - Gamification of Learning

EME6344 - Lifelong Learning and Professional Development
EME6346 - Needs Analysis, Assessment & Data Visualization
EME6405 - Educational Web Design
EME6409 - Interactive Distance Education
EME6418 - Educational Multimedia
EME6441 - Technologies for Special Populations
EME6442 - Curriculum and Instruction for Adult Learning
EME6601 - Instructional Design and Applications
EME6609 - Universal Design for Learning (UDL): Diversity and Inclusion Practices for Training and Development
EME6678 - Effective Training Design and Development
EME6909 - Directed Independent Study - Educational Technology, Training and Development
EME6956 - Graduate Capstone: Applied Research & Field Experience
INT1000 - Introduction to Interpreting
INT2010 - Discourse Analysis
INT2113 - English and ASL Translation
INT2204 - Interpreting in Community Settings
INT2303 - Interpreting Field Experience
INT3011 - Linguistics for Interpreters
INT3134 - Applied Ethics in Interpreting
INT3205 - Cognitive Processing
INT3270 - Advanced ASL Classifiers for Interpreting
INT3271 - Interpreting Consecutive Dialogue
INT3275 - ASL Prosody
INT3280 - Mentorship and Certification Preparation
INT3290 - Interpreting Skill Development I
INT3411 - Deaf Perspectives on Interpreting
INT3950 - Introduction to Service Learning in Interpreter Education
INT3951 - Service Learning in the Deaf Community
INT4272 - Interpreting Simultaneous Dialogue
INT4273 - Interpreting Simultaneous Monologue
INT4291 - Interpreting Skill Development II
INT4292 - Interpreting Skill Development III
INT4293 - Interpreting Skill Development IV
INT4404 - Interpreting in Educational Settings
INT4409 - Interpreting Academic Subjects
INT4410 - Interpreting for Persons who are Deaf-Blind
INT4455 - Interpreting for Diverse Populations
INT4461 - Technology and Interpreting
INT4910 - Research in Interpreting
INT4931 - Issues and Trends in Educational Interpreting
INT4947 - Interpreting Practicum
INT5408 - Interpreting in Educational Settings
INT5457 - Interpreting in Intercultural Contexts
INT5800 - Legacies and Leadership in Interpreter Education
INT5805 - Mentoring in Interpreter Education
INT5954 - Service Learning in the Deaf Community
INT6105 - Foundations of Interpreting Studies
INT6207 - Interpreter Training
INT6274 - Advanced ASL Concepts for Interpreters
INT6276 - Teaching Cognitive Processing
INT6405 - Interpreting Academic Subjects
INT6415 - DeafBlind Interpreting
INT6416 - Deaf Perspectives on Interpreting
INT6425 - Legal Interpreting
INT6435 - Mental Health Interpreting
INT6436 - Healthcare Interpreting
INT6802 - Methods for Teaching Interpreting
INT6807 - Teaching Translation
INT6810 - Curriculum Development and Revision
INT6811 - Performance Assessment
INT6830 - Adult and Transformative Learning in Interpreter Education
INT6840 - Distance Learning in Interpreter Education
INT6905 - Directed Independent Study in Sign Language Interpreting
INT6911 - Applied Research in Interpretation
INT6930 - Special Topics in Interpreter Education
INT6932 - Issues and Trends in Educational Interpreting
INT6942 - Pedagogy Internship
INT6946 - Interpreting Internship
LDR2220 - Community Organizing for Educators and Activists
LDR3003 - Introduction to Leadership
LDR3240 - Intergroup Dialogue Among Diverse Populations
LDR3320 - Collaborative Leadership
LDR3367 - Facilitation
LDR3900 - Directed Independent Study
LDR4263 - Leadership Practicum
LDR4340 - Resource Development in Community Organizations
LDR4368 - Senior Facilitation
LEI3004 - Introduction to Recreation, Tourism, and Events
LEI3266 - Outdoor Adventure Education
LEI3341 - Commercial Recreation and Tourism
LEI3438 - Intramural and League Management
MHS5005 - Introduction to School Counseling
MHS6407 - Theories of Counseling
MHS6421 - Counseling Children and Adolescents
MHS6482 - Personality and Life Span Development
MHS6530 - Group Work for School Counseling
MHS6600 - Seminar: Consultation Skills
MHS6610 - Clinical Supervision in Counseling
MHS6780 - Legal, Ethical, and Professional Issues in School Counseling
PEL1121 - Golf
PEL1621 - Basketball
PEL2905 - Selected Sports Activities: Variable Title
PEM1104 - Physical Conditioning
PEM1131 - Weight Training
PEM2121 - Yoga Mindful
PET3473 - Communication in Sport
PET3493 - Issues in Sport
PET4416 - Theory and Practice of Fitness Management
PET4464 - Sport Finance
PET4476 - Sport Law
PET4910 - Directed Individual Study
SDS6000 - School and Family: Managing Student Behavior
SDS6014 - Organization and Administration of School Counseling
SDS6310 - College and Career Readiness
SDS6466 - Crisis/Disaster Management
SDS6820 - Supervised Field Experiences I
SDS6821 - Supervised Field Experiences II
SDS6830 - Internship in School Counseling: Counseling/Coordination of Guidance Services
SDS6831 - Management of Resources and Data Analysis
SDS6832 - Internship: College and Career Readiness
SDS6930 - Advanced Seminar of Current Issues in School Counseling
SDS6940 - Practicum in School Counseling
SLS3408 - Employability Skills and Career Success
SPB3603 - Diversity in Sport
SPB6946 - Practicum in Sport Analytics & Athletic Administration
SPM2000 - Introduction to Sport Management
SPM3044 - Sport Governance
SPM3104 - Sport & Entertainment Facility Management
SPM3180 - Developing the Student Athlete
SPM3306 - Sport Marketing
SPM3703 - Sport Performance Analytics
SPM3948C - Sport Management Practicum
SPM4113 - Management & Leadership in Sport
SPM4324 - Data Visualization in Sport
SPM4516 - Sales & Fundraising in Sport
SPM4703 - Sport Business Analytics
SPM4705 - Applied Sport Analytics
SPM4931 - Special Topics in Sport Management
SPM4941 - Sport Management Internship
SPM5158 - Intercollegiate Athletic Administration
SPM5206 - Ethics and Issues in Sport

SPM5308 - Marketing and Promotions in Sport
SPM5506 - Sport Finance
SPM5605 - Sport Governance and Compliance
SPM6008 - Foundations of Sport Management
SPM6106 - Sport Facility and Risk Management
SPM6705 - Applied Sport Analytics
SPM6708 - Applied Sport Analytics
SPM6709 - Introduction to Sport Analytics
SPM6905 - Directed Independent Study in SPM

Brooks College of Health Department

Brooks College of Health

Contact Information

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Brooks College of Health
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Dean's Office

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Dean's Message

Thank you for your interest in the Brooks College of Health (BCH)! Our graduates are not only prevalent throughout the greater Jacksonville area but also beyond. Employers in this region consistently seek out BCH students due to our reputation as a premier educator of healthcare professionals dedicated to community service.

In the BCH, we offer specialized programs from a wide range of healthcare fields, including Nursing, Public Health, Mental Health Counseling, Health Administration, Kinesiology, Athletic Training, Physical Therapy, and Nutrition. Our reputation is further bolstered by our Centers, recent awards, and national rankings.

The cornerstones of a BCH education at the University of North Florida are the hands-on experiences that engage our students. These transformational learning opportunities encompass research, laboratory activities, travel abroad, academic clubs, internships, and clinical experiences. Our extensive community partnerships significantly enhance our students' education. For instance, the generosity of our partners funds scholarships and professorships that support our students and faculty members. Additionally, our community colleagues provide exceptional training environments for our students.

We encourage you to visit our beautiful campus to meet our outstanding faculty, staff, and students, and to tour our state-of-the-art facilities. I am confident that you will quickly see why students with dreams of working in the healthcare field choose the Brooks College of Health and the University of North Florida as their educational home.

I look forward to welcoming you!

Mei Zhao

Mei Zhao, PhD
Dean, Brooks College of Health
University of North Florida
mzhao@unf.edu

Vision, Mission and Values of the College

Vision

The Brooks College of Health cultivates compassionate, highly competent, and community-engaged, professionals dedicated to positively impacting the field of health. Our commitment to relevant research and meaningful service addresses evolving health care needs.

Mission

To be a leading hub for building a healthier future.

Values

Accountability, Integrity, Excellence, Civility, Culture of Care, Innovation, Collaboration

Brooks College of Health Undergraduate Academic Policies

Concurrent or Transient Enrollment

Any current UNF student interested in taking a course at another institution must receive permission from the Advising Office. Freshman and Sophomore level students can take up to 8 credits at another institution. Upper-level courses specific to the student's major must be approved by the program director. Students must speak with an advisor before they fill out the electronic transient form prior to the semester they wish to take the course.

Change of major

Students who wish to change their major to a Brooks College of Health major must have a UNF GPA of 2.0 or higher and comply with all requirements of the university change of major policy. Exceptions to this policy must be approved by the Program Director for the intended major the students wants to declare.

Mandatory Advising

Each new transfer student, except freshman, and native sophomore, junior, senior and post-baccalaureate UNF student must meet with the Brooks College of Health Academic Advising Office to review their degree evaluation once they are admitted into the Brooks College of Health. This meeting is mandatory and typically takes place prior to registration. Each admitted health student or UNF health student who reaches 30 credits will receive an email notification for a meeting. An advising hold will be placed on the student's account to ensure they meet with Advising in a timely manner.

Defined Major for Specialized Admission Programs

Students who are designated as a Pre-Health major, prospective Nursing, in the Brooks College of Health must meet the minimum GPA admission requirement once they've earned 45 credit hours.

Specialized admission major students who do not meet the minimum GPA admission requirement when they have 45 earned credit hours must change their major to a non-specialized admission major before proceeding with additional coursework. Students will closely work with Brooks College of Health academic advisors to improve their academic performance while at the same time exploring alternate major options.

Additionally, students who do not meet minimum college overall GPA requirements (3.00 for Nursing) may not change their major to Pre-Health, Prospective Nursing .

Returning from Academic Probation or Suspension

Students on Academic probation for two (2) consecutive semesters are eligible for academic suspension. Once placed on academic suspension students must sit out at least once semester and need program director permission to return to UNF. Students on academic probation or academic suspension that go inactive after non-enrollment for three consecutive semesters must receive permission from the program director to be re-admitted into the major. Certain majors within Brooks College of Health will not re-admit students who left the institution on probation or were suspended.

Brooks College of Health Graduate Program Academic Policies

All graduate programs follow university policies within the Graduate School Policies and Regulations. Each graduate program has specific policies pertaining to their program. Graduate Student Handbooks can be found online or by contacting the graduate program director.

Interdisciplinary Health Studies

The Brooks College of Health houses an undergraduate program culminating in a Bachelor of Science in Health (B.S.H.) in Interdisciplinary Health Studies degree. Healthcare is a growing field and employers are increasingly seeking graduates with an interdisciplinary skill set to function in a variety of roles. This program introduces students to health behavior and management, legal and ethical issues, and environmental influences on health while offering the flexibility to design an individual program based on a student's unique career goals and interests. Additionally, students have the opportunity to complete prerequisites for graduate studies and complete a minor in a program of their choice. For more information on the program please visit the Brooks College of Health Interdisciplinary Health Studies website.

Additionally, the accelerated path for the **BSH-IHS to MSAT** program is an opportunity for exceptional UNF IHS undergraduate students who are interested in pursuing a career in Athletic Training to combine program requirements for the BSH-IHS and MSAT Programs. You can learn more about Athletic Training's eligible program at the BSH-IHS and MS Athletic Training website and on the UNF+Pathways website.

Undergraduate Program Director

Julie Merten, Ph.D., Professor

Programs

Global Health, Minor

Health Science: Interdisciplinary Health Studies, BSH

Courses

HSC4934 - Interdisciplinary Health Studies Capstone

Public Health Department

Department of Public Health

Undergraduate Programs

The Department of Public Health offers a Bachelor of Science in Health (B.S.H.) with a Public Health concentration. The purpose of the B.S.H. in Public Health program is to provide students with the knowledge and skills needed for entry-level public health positions, Certified Health Education Specialist (CHES) certification, and graduate studies. Public health professionals educate individuals and communities about behaviors that promote healthy living and prevent disease and illness. Careers may involve planning, implementing, or evaluating health promotion and disease prevention programs, conducting public health related research, grant writing, and health communication campaigns. Graduates are typically employed in governmental and non-profit health agencies, health care facilities, work site wellness programs or school settings. View admission and degree requirements.

University Minors offered through the department include Public Health and Global Health. In addition, an Environmental Studies minor is offered through the Institute of Environmental Research and Education.

A university-wide minor in Public Health is available for all students except those with a Public Health concentration, and university-wide minors in Global Health and Environmental Studies are available to all students. Students interested in any of these minors should contact the Brooks College of Health Advising Office at (904) 620-2812.

Graduate Programs

The Department of Public Health offers a Master of Public Health with either a concentration in Epidemiology or Social & Behavioral Science, a Master of Science in Clinical Mental Health Counseling, and certificates in Animal Assisted Therapy in Counseling, Applied Public Health & Medical Education Research, Global Health, Mental Health Sexology, and Public Health. Students applying to a graduate program must have an earned baccalaureate degree from an accredited college or university recognized by the University of North Florida.

View information on admission and degree requirements for the following graduate programs:

- Master of Science in Clinical Mental Health Counseling
- Master of Public Health - Concentration in Epidemiology or Social & Behavioral Science

Department of Public Health Faculty

Weimin Gao, Ph.D., Professor & Chair

Undergraduate Program Directors

Katryne Lukens-Bull, MPH, CLC Instructor & Director, BSH Public Health Program

Undergraduate Faculty

Amber Barnes, Ph.D., Associate Professor
Elissa Barr, Ph.D., Professor
Kerry L. Clark, Ph.D., Professor
Nishita Dsouza, Ph.D., Assistant Professor
Weimin Gao, Ph.D, Professor
Stephanie Hooper, MPH, Instructor
Katryne Lukens-Bull, MPH, CLC Instructor
Jonathan Moore, Ph.D., Assistant Professor
Deborah M. Owen, MSH, Associate Instructor
Maria Schedin, MPH, Instructor
Sericea Stallings-Smith, DrPH, Associate Professor
Zhigang Xie, Ph.D., Assistant Professor

Graduate Program Directors

Elissa Barr, Ph.D., Professor & Director, MPH Public Health Program
Tes Tuason, Ph.D, Professor & Director, Clinical Mental Health Counseling Program

Graduate Faculty

Amber Barnes, Ph.D., Associate Professor
Elissa Barr, Ph.D., Professor
Kerry L. Clark, Ph.D., Professor
Nishita Dsouza, Ph.D., Assistant Professor
Weimin Gao, Ph.D., Professor
Jonathan Moore, Ph.D., Assistant Professor
Sericea Stallings-Smith, DrPH, Associate Professor
Carlene Taylor, Ed.D., Clinical Assistant Professor
Kassie Terrell, Ph.D., Associate Professor
Tes Tuason, Ph.D., Professor
Zhigang Xie, Ph.D., Assistant Professor
Jessica Yanson, Ph.D., Assistant Professor
Robert Zeglin, Ph.D., Associate Professor

Programs

Animal Assisted Services in Health and Education, Certificate (CB)
Clinical Mental Health Counseling, MS
Global Health, Certificate (CB)
Health Science: Public Health, BSH
Integrative Behavioral Health, Certificate (CM)
Applied Public Health & Medical Education Research, Certificate (CB)
Mental Health Sexology, Certificate (CB)
Public Health, MPH
Public Health, Certificate (CB)
Public Health, Minor

Courses

HSC2000 - Health Care Careers
HSC2100 - Personal and Public Health
HSC3032 - Foundations of Public Health
HSC3304 - Public Health Strategies
HSC3500 - Epidemiology
HSC3537 - Medical Terminology
HSC3555 - Human Diseases: Pathophysiology, Prevention and Treatment
HSC3713 - Planning and Evaluating Health Programs
HSC4102 - Physical Activity and Public Health
HSC4133 - Sexual & Reproductive Health Promotion
HSC4134 - Mental & Emotional Health Promotion
HSC4150 - Substance Abuse and Violence Prevention
HSC4181 - Alternative Healing
HSC4210 - Environmental Health
HSC4234 - Health Education about Healthy Eating Guidelines
HSC4238 - Promoting Physical Activity & Healthy Eating
HSC4563 - Dimensions of Health for the Older Adult
HSC4602 - Animal Assisted Services for Health and Wellness
HSC4624 - Global Health
HSC4670 - Global Sexuality and Reproductive Health

HSC4674 - Global Health: Water, Sanitation and Hygiene
HSC4730 - Public Health Research
HSC4736 - Introduction to Clinical Trials
HSC4800 - Professional Preparation in Public Health
HSC4814 - Public Health Practical Experience
HSC4906 - Independent Study and Research
HSC4931 - Special Topics
HSC6116 - Advanced Clinical Integrative Practices I
HSC6138 - Sexuality Education
HSC6165 - Global Sexuality and Reproductive Health
HSC6215 - Environmental Health
HSC6270 - Integrative Behavioral Health Program Development
HSC6526 - Special Topics/Infectious & Noninfectious Diseases
HSC6585 - Health Communication
HSC6586 - Process Experiential Learning and Specialty Practices
HSC6587 - Public Health Program Planning
HSC6596 - Advanced Clinical Integrative Practices II
HSC6601 - Animal Assisted Services in Healthcare and Education
HSC6603 - Theoretical Foundations of Behavior Change
HSC6604 - Applied Group Interventions in Integrative Behavioral Healthcare
HSC6625 - Global Health
HSC6675 - Global Health: Water, Sanitation and Hygiene
HSC6705 - Integrative Behavioral Health Program Evaluation Methods
HSC6716 - Health Program Evaluation
HSC6735 - Public Health Research
HSC6755 - Data Analysis for Health Disparities
HSC6816 - Field Experiences in Health
HSC6906 - Independent Study and Research
HSC6931 - Special Topics
MHS5403 - Expressive Arts and Creativity in Counseling
MHS6070 - Psychopathology
MHS6120 - Clinical Counseling Skills for Advanced Practice Nurses
MHS6205 - Clinical Assessment and Diagnosis
MHS6305 - Career Counseling
MHS6401 - Clinical Mental Health Counseling in Community Settings
MHS6402 - Overview of Brief Counseling
MHS6404 - Theories in Clinical Mental Health Counseling
MHS6405 - Advanced Counseling
MHS6423 - Psychotherapy with Children and Adolescents
MHS6428 - Counseling Diverse Populations
MHS6430 - Introduction to Family Counseling
MHS6444 - Animal Assisted Treatment and Education
MHS6448 - Grief and Loss in Counseling
MHS6450 - Addictions Counseling
MHS6470 - Sexual Issues in Counseling
MHS6486 - Human Development Across the Lifespan
MHS6510 - Group Counseling
MHS6700 - Legal, Ethical, and Professional Issues in Counseling
MHS6800 - Practicum in Mental Health Counseling
MHS6830 - Internship in Mental Health Counseling
MHS6876 - Clinical Research and Outcome Eval in Mental Health Counseling
MHS6905 - Directed Individual Study
MHS6930 - Special Topics in Counselor Education
MHS6931 - Contemporary Problems and Issues
MHS6941 - Clinical Counseling Skills
MHS6970 - Thesis A
MHS6971 - Thesis B
PHC4468 - Health Disparities through Data Analytics
PHC6000 - Epidemiology I
PHC6002 - Infectious Disease Epidemiology
PHC6003 - Chronic Disease Epidemiology
PHC6011 - Epidemiology II
PHC6020 - Introduction to Clinical Trials
PHC6050 - Public Health Biostatistics I
PHC6051 - Public Health Biostatistics II
PHC6102 - Public Health Policy and Advocacy
PHC6103 - Applied Social Behavioral Science
PHC6149 - Public Health Leadership and Management
PHC6762 - Global Health Epidemiology
PHC6940 - Public Health Capstone
PHC6945 - Public Health Internship

Nursing Department

School of Nursing

The School of Nursing offers a wide variety of programs at the undergraduate and graduate levels. The program has a community-based, population-focused curriculum corresponding to changes in healthcare delivery trends. The curriculum helps students understand community environments as well as nurturing and building relationships with community agencies.

The School of Nursing is committed to providing opportunities for students to pursue their professional degrees in nursing. The program is designed to encompass both liberal arts and professional studies. For more information regarding the accreditation of our nursing programs, visit Nursing Accreditation. The primary goal of the programs is to prepare nurses to practice effectively in a variety of settings and administer nursing care, which promotes, maintains, and restores health to individuals, families, and communities. Leadership and a commitment to the profession through research are included in the competencies of the programs. Graduates are prepared to function not only as professional practitioners, but also as educated citizens capable of effecting and dealing with change in society. Interested candidates should review the essential functions that are necessary of all enrolled nursing students.

Baccalaureate Nursing Program

The School of Nursing at the Brooks College of Health offers three (3) tracks for the Bachelor of Science in Nursing (BSN). The curriculum is community-based in that it supports engagement with the community throughout the nursing major, nurturing and building relationships with community agencies throughout their time in the nursing program. The program also provides a strong basis for continuing education and graduate study in nursing. View information on undergraduate admission and degree requirements.

Graduate Nursing Programs

School of Nursing at the Brooks College of Health offers four (4) tracks Doctor of Nursing Practice (DNP). These tracks include the post-MSN DNP for those holding active certification in a designated specialty who wish to complete the clinical doctorate as well as the post-MSN DNP for those wishing to complete a DNP and obtain certification as a Psych-Mental Health Nurse Practitioner (PMHNP). Additionally, the School of Nursing offers BSN-DNP tracks for those who wish to become Family Nurse Practitioners or Certified Registered Nurses Anesthetists. Further, the School of Nursing began offering a post-MSN certificate track in 2021 for those who do not desire a DNP, but who wish to obtain certification as a PMHNP. The School of Nursing also offers a MSN program with a track in Management & Leadership. Details regarding each of our graduate nursing tracks are available through the below links.

Admission requirements for our graduate programs are posted through the "Admissions" link on the ribbon menu on the School of Nursing's website. Please note that they vary by track as do application deadlines and start terms. Questions regarding admission to the Nurse Anesthesiology track should be directed to napadmissions@unf.edu. Questions regarding admission to the generic post-MSN DNP track should be directed to UNFOnline@unf.edu. Questions regarding admission to all other tracks should be directed to nursingadmissions@unf.edu.

View Information on graduate admission and degree requirements.

School of Nursing Faculty

Michelle Edmonds, Ph.D., F.N.P.-B.C., Director, School of Nursing
Brittany Nettles, D.N.P., A.P.R.N., F.N.P.-B.C., Assistant Professor, Assistant Director, School of Nursing

Undergraduate Program Directors

Judy Comeaux, D.N.P., A.P.R.N.,P.N.P,. Prelicensure Program Director
Lauren Boardman, D.N.P., M.S.N., R.N., Assistant Professor, Online Program Director

Undergraduate School of Nursing

Faculty

Bougainvilla (Bambi) Bailey, MSN, CNM, Instructor
Julie Baker-Townsend, D.N.P., A.P.R.N., Clinical Associate Professor
Chaka Brittain, D.N.P., C.N.E., A.G.P.C.N.P.-B.C., Assistant Professor
Judy Comeaux, D.N.P., A.P.R.N., P.N.P., Director, Prelicensure Program Director
Amy Draves, M.S.N., R.N., Instructor
Cora Evensen, M.S.N., R.N., Instructor
Sarah Firmin, DNP, RN-BC, Clinical Assistant Professor
Jocelyn Gonzalez-Etheredge, M.S.N., A.P.R.N., PMHNP-BC, Visiting Instructor
Elizabeth (Abby) Hammack, DNP, RN, Clinical Assistant Professor
Amy Howell, D.N.P., A.P.R.N., Instructor
Shavondra Huggins, DNP, WHNP-BC, FNP-BC, Clinical Assistant Professor
Sarah Knowles, MSN, RN, Instructor
Katrina Magyar, M.S.N., R.N., Instructor
Jan Meires, Ed.D., A.P.R.N., F.N.P.-B.C., Professor
Katherine Meuti, D.N.P., C.R.N.A., Assistant Professor
Brittany Nettles, D.N.P., A.P.R.N., F.N.P.-B.C., Assistant Professor, Assistant Director School of Nursing
Patricia Richards, D.N.P., A.P.R.N., F.N.P.-B.C., Assistant Professor
Sandra Shapiro, D.N.P., A.P.R.N., Assistant Professor
Deirdre Shoemake, D.N.P., M.S.N., R.N., A.C.N.S.-B.C., Assistant Professor
Trina Taylor, M.S.N., R.N., Instructor
Rachel McMahan Thomas, PhD, FNP-BC, Assistant Professor
Melissa Titus, MSN, PMHNP-BC, Instructor
Dawn Turk, DNP, APRN, PNP-BC, Clinical Assistant Professor
Michelle Urbanek, DNP, APRN, PNP, Clinical Assistant Professor
Wendy White, M.S.N., R.N., Visiting Instructor

Graduate School of Nursing

Michelle L. Edmonds, Ph.D., F.N.P.-B.C., Director, School of Nursing

Graduate Program Directors

Michele Bednarzyk, D.N.P, A.P.R.N., F.N.P.- B.C., Clinical Associate Clinical Professor & Program Director, Family Nurse Practitioner Program
Ryan Shores, DNP, CRNA, Assistant Professor, Nurse Anesthesiology Program Director
Katherine Meuti, D.N.P., C.R.N.A., Assistant Professor & Nurse Anesthesiology Assistant Program Director
Marie Smith-East, Ph.D., D.N.P., A.P.R.N., PMHNP-BC, Assistant Professor, PMHNP Program Director
Lauren Boardman, D.N.P., M.S.N., R.N., Assistant Professor, Online Program Director

Faculty

Michele Bednarzyk, D.N.P., A.P.R.N., F.N.P. -B.C., Clinical Associate Clinical Professor & Family Nurse Practitioner Program Director
Lauren Boardman, D.N.P., M.S.N., R.N., Assistant Professor & Online Program Director
Chaka Brittain, D.N.P., C.N.E., A.G.P.C.N.P.-B.C., Assistant Professor
Judy Comeaux, D.N.P., A.P.R.N., P.N.P., Associate Professor & Prelicensure Program Director
Lisa Jacquet, DNP, FNP-C, Clinical Assistant Professor
Lillia Loriz, Ph.D., A.P.R.N. G.N.P.-B.C., Professor
Jan Meires, Ed.D., A.P.R.N., F.N.P.-B. C., Professor
Katherine Meuti, D.N.P., C.R.N.A., Assistant Professor & Nurse Anesthesiology Assistant Program Director
Jane McCarthy, Ph.D., A.P.R.N, C.R.N.A, F.A.A.N, Professor
John McDonough, CRNA, EdD, Dr. (habil)NScA, APRN, FRSM, Founding Professor, Nurse Anesthesiology Program
Jonathon Pabalate, D.N.P., A.P.R.N., C.R.N.A., Instructor
Carol Roland, D.N.P., C.R.N.A., Visiting Clinical Assistant Professor

Ryan Shores, D.N.P., A.P.R.N., C.R.N.A, Assistant Professor and & Nurse Anesthesia Program Director
Bethanie Simmons-Becil, D.N.P., APRN, PMHNP-BC, Assistant Professor
Marie Smith-East, Ph.D., D.N.P., A.P.R.N., PMHNP-BC, Assistant Professor, PMHNP Program Director
Dawn Turk, D.N.P., A.P.R.N., P.N.P.-B.C., Clinical Assistant Professor
Amy Suralis, D.N.P., C.R.N.A, Clinical Assistant Professor
Christina Wright, D.N.P., A.P.R.N., C.N.C-B.C., Assistant Professor

Programs

Nursing: Psychiatric/Mental Health NP, DNP
Nursing: Nurse Practitioner, DNP
Nursing, DNP
Anesthesiology Nursing, DNP
Nursing, BSN
Nursing: Management & Leadership, MSN
Nursing: Nursing Education, MSN
Psychiatric Mental Health NP, Certificate (CM)

Courses

HSC3628 - Healthcare Issues in Worldwide Communities
NGR734C - Nursing Management and Leadership Project
NGR5003C - Health Assessment and Diagnostics
NGR5057 - Health Assessment and Pharmacology
NGR5110 - Theoretical Framework for Practice
NGR5141 - Advanced Pathophysiology
NGR5172 - Pharmacotherapeutics
NGR5226 - Quality of Life and Chronic Medical Conditions
NGR5601C - Diagnosis and Management of Acute Conditions of Adults and Children
NGR5810 - Research Methods for Evidence-Based Nursing Practice
NGR5931 - Special Topics in Nursing
NGR5957 - Nursing Study Abroad
NGR6192 - Promoting Innovation in Nursing Practice
NGR6400 - Chemistry and Physics of Anesthesiology Nursing I
NGR6401 - Chemistry and Physics for Anesthesiology Nursing II
NGR6404 - Advanced Bioscience for Anesthesiology Nursing I
NGR6405 - Advanced Bioscience for Anesthesiology Nursing II
NGR6421 - Principles of Anesthesiology Nursing I
NGR6422 - Principles of Anesthesiology Nursing II
NGR6423 - Principles of Anesthesiology Nursing III
NGR6424 - Principles of Anesthesiology Nursing IV
NGR6431L - Anesthesiology Nursing Practicum I
NGR6432L - Anesthesiology Nursing Practicum II
NGR6433L - Anesthesiology Nursing Practicum III
NGR6434L - Anesthesiology Nursing Practicum IV
NGR6435L - Anesthesiology Nursing Practicum V
NGR6460 - Pharmacology of Anesthesiology Nursing I
NGR6461 - Pharmacology of Anesthesiology Nursing II
NGR6490 - Regional Anesthesia
NGR6491 - Advanced Anesthesiology Nursing Seminar
NGR6492 - Professional Aspects of Anesthesiology Nursing
NGR6493 - Technology in Anesthesiology Nursing
NGR6494 - Advanced Modalities in Pain Management
NGR6530 - Neuropathophysiology of Mental Illness for PMHNP
NGR6531C - Psychotherapeutic Modalities & Nursing Theory for the PMHNP
NGR6532 - Advanced Practice in Mental Health Nursing I: Psychiatric Assessment across the Lifespan
NGR6532L - Advanced Practice in Mental Health Nursing Clinical Experience I: Assessment
NGR6533 - Advanced Practice in Mental Health Nursing II: Diagnostic Reasoning and Management of Adults
NGR6533L - Advanced Practice in Mental Health Nursing Clinical Experience II: Adults
NGR6534 - Advanced Practice in Mental Health Nursing III: Diagnostic Reasoning and Management in Pediatrics
NGR6534L - Advanced Practice in Mental Health Nursing Clinical Experience III: Pediatrics
NGR6535 - Advanced Practice in Mental Health Nursing IV: Simulation
NGR6536 - Advanced Practice in Mental Health Nursing V: Practicum
NGR6536L - Advanced Practice in Mental Health Nursing Clinical Experience V: Practicum
NGR6538 - Psychopharmacology
NGR6602C - Health Promotion of Children, Men and Women in Primary Care
NGR6603C - Diagnosis and Management of Chronic Conditions of Adults and Children in Primary Care
NGR6662 - Equitable Management of Diverse Populations
NGR6673 - Principles of Epidemiology for Advanced Practice
NGR6702C - Quality and Safety in Healthcare: An Interdisciplinary Perspective
NGR6710 - Teaching Nursing: Implementing an Innovative Learning Environment
NGR6712 - Curriculum and Instruction
NGR6718 - Evaluation Techniques
NGR6721C - Human Resource Management and Development
NGR6726 - Quality Management for Advanced Nursing Practice
NGR6729 - Capstone in Nursing Leadership and Administration
NGR6734C - Nursing Management and Leadership Project
NGR6735C - Residency and Seminar in Nursing Management and Leadership
NGR6740 - Role Development in Advanced Practice Nursing
NGR6766 - Leadership Theory and Evidence-based Practice
NGR6816 - Applied Nursing Research
NGR6870C - Introduction to Health Informatics: Management and Decision-making
NGR6875 - HIT Certificate Capstone
NGR6892 - Public Policy Implications for Advanced Practice
NGR6894 - Global Health Care and Culture
NGR6896 - Value-informed Financing for Healthcare Services
NGR6908 - Directed Independent Study in Nursing
NGR6942 - Capstone in Nursing Education
NGR6970 - Nursing Project
NGR7154 - Advanced Bioscience
NGR7179 - Advanced Pharmacological Management
NGR7767 - Practice Management in Advanced Nursing and Healthcare
NGR7768 - Advanced Practice Nursing Role Transition
NGR7843 - Statistical Interpretation for Advanced Practice
NGR7850 - Evidence Based Practice I
NGR7851 - Evidence Based Practice II
NGR7871 - Healthcare Informatics for Advanced Practice
NGR7946 - Residency in Advanced Nursing Practice
NGR7974 - Doctoral Project
NSP3196 - Core Concepts in End of Life Nursing Care
NUR1010 - Introduction to Nursing
NUR2930 - Special Topics in Nursing
NUR3028 - Foundations of Nursing Practice
NUR3028L - Foundations of Nursing Practice Lab
NUR3065 - Health Assessment, Wellness, and Health Promotion Across the Lifespan
NUR3065L - Health Assessment, Wellness, and Health Promotion Across the Lifespan Lab
NUR3082 - Perspectives in Chronicity
NUR3082L - Perspectives in Chronicity: Nursing Practice
NUR3090L - Integrated Simulation Lab I
NUR3091L - Integrated Simulation Lab II
NUR3096L - Integrated Simulation Lab III
NUR3118L - Foundations of Nursing Practice Clinical
NUR3128 - Phamacology Concepts for Nursing Practice
NUR3166 - Introduction to Nursing Science

NUR3167 - Introduction to Research and Evidence-based Practice
NUR3172 - Foundations of Therapeutic Touch
NUR3196 - Pathopharmacology I
NUR3198 - Pathopharmacology II
NUR3215 - Adult Health I Concepts
NUR3215L - Adult Health I Clinical
NUR3219C - Chronic and Rehabilitative Nursing Concepts and Practice
NUR3226 - Adult Health II Concepts
NUR3226L - Adult Health II Clinical
NUR3255C - Medical-Surgical Nursing Concepts and Practice
NUR3531 - Psychiatric/Mental Health Nursing Concepts
NUR3531C - Psych Mental Health Nursing Concepts and Practice
NUR3531L - Psychiatric/Mental Health Nursing Clinical
NUR3619 - Family/Community Assessment
NUR3678 - Nursing Care of Vulnerable Populations
NUR3684 - Introduction to Population Health
NUR3691 - Forensic Nursing Principles and Practice
NUR3805 - Socialization to Professional Nursing
NUR3816 - Professional Nursing Concepts
NUR3825 - Concepts of Professional Nursing
NUR4077 - Human Communication in Palliative Nursing
NUR4093 - Perioperative Nursing Core Course
NUR4168 - Research Translation
NUR4177 - Incorporating moral resilience into nursing practice
NUR4256C - Complex Nursing Concepts and Practice
NUR4351C - Pediatric Nursing Concepts and Practice
NUR4491 - Maternity and Women's Health Nursing Concepts
NUR4491C - Maternity and Women's Health Nursing Concepts and Practice
NUR4491L - Maternity and Women's Health Nursing Clinical
NUR4635 - Community Partnerships
NUR4635L - Community Nursing Practice
NUR4636C - Community Partnerships and Nursing Practice
NUR4826 - Ethical-Legal Concepts in Nursing and Healthcare
NUR4827 - Leadership and Management Concepts in Nursing
NUR4905 - Senior Problems
NUR4906 - Professional Nursing Transition
NUR4906L - Professional Nursing Transition:Nursing Practice
NUR4915 - Honors Research in Nursing
NUR4945C - Professional Nursing Integration
NUR4954 - Culture and Health in Thailand
NUR4955 - Culture and Health in Austria
NUR4956 - Culture and Health in England
NUR4957 - Nursing Study Abroad
NUR49491 - Maternity and Women's Health Nursing Concepts

Clinical & Applied Movement Sc Department

Department of Clinical & Applied Movement Sciences

The Department of Clinical & Applied Movement Sciences offers the following degrees; Bachelor of Science in Kinesiology; Master of Science in Health, Kinesiology and Lifestyle Medicine Concentration; and Master of Science in Athletic Training.

The Bachelor of Science in Kinesiology (pending full approvals) is a highly desirable pathway for students interested in a variety of health professions and graduate programs. Of major concern to society is the health and well-being of its citizens. The field of Kinesiology includes health care professionals that utilize knowledge of the human body's adaptive responses to exercise to address an individual's health, fitness, or performance goals. The Kinesiology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) and the Committee on Accreditation for the Exercise Sciences (CoAES). View admission and degree requirements.

The Master of Science in Health (MSH) in Kinesiology and Lifestyle Medicine (KALM) is a life sciences degree that integrates an evidenced-based curriculum in an applied research environment. The field of Lifestyle Medicine examines the relationship(s) between physical activity, nutrition, sleep, and psychosocial behaviors with chronic diseases ubiquitous in today's society. The MSH in KALM curriculum will provide students with the knowledge and skills necessary to work and provide leadership in the areas of clinical exercise physiology, lifestyle medicine, health and wellness coaching, and clinical research. This program provides a strong foundation for students wanting to pursue certifications offered by the American College of Sports Medicine, American College of Lifestyle Medicine, and the National Strength and Conditioning Association. Thesis option students will begin preparation towards becoming independent investigators by developing the skills necessary to conduct original research. View admission and degree requirements

Athletic trainers are highly qualified, multi-skilled health care professionals who collaborate with physicians to provide preventative services, emergency care, clinical diagnosis, therapeutic intervention and rehabilitation of injuries and medical conditions. The Master of Science in Athletic Training (MSAT) degree program offers a challenging pathway for post-baccalaureate students to pursue a career in Athletic Training. The MSAT program will prepare students for the Board of Certification Examination to become a Certified Athletic Trainer. The UNF MSAT program provides students the opportunity to gain valuable clinical experience in a variety of settings, including secondary school, college/university, professional, clinic, and industrial. The MSAT is accredited by the Commission on Accreditation of Athletic Training Education. View admission and degree requirements.

Department of Clinical & Applied Movement Sciences Faculty

Joel W Beam, EdD, LAT, ATC, Professor, Chair

Program Directors

Emily Gabriel, PhD, LAT, ATC, Clinical Assistant Professor, Athletic Training
James R. Churilla, PhD, MPH, MS, ACSM-CEP, FACSM, Professor, Graduate Kinesiology and Lifestyle Medicine
M. Ryan Richardson, PhD, MSH, ACSM-EP, EIM2, Assistant Professor, Undergraduate Kinesiology

Undergraduate Faculty

Ralph Consentino, MSH, CSCS, Adjunct Instructor
Curt Lox, PhD, Professor
Peter Magyari, PhD, FACSM, ACSM-EP, NSCA-CSCS, Associate Professor
M. Ryan Richardson, PhD, MSH, ACSM-EP, EIM2, Assistant Professor
Jessica Stapleton, PhD, Associate Professor
Michael Szymanski, PhD, LAT, ATC, Assistant Professor
Lindsay Toth, PhD, ACSM-EP, Associate Professor
Caleb Williams, PhD, CSCS, Instructor

Graduate Faculty

Fred Baldwin, PT, DPT, SCS, ATC, PES, Adjunct Instructor
Joel W. Beam, EdD, LAT, ATC, Professor
Michelle Boling, PhD, LAT, ATC, Professor and Associate Dean
Bernadette Buckley, PhD, LAT, ATC, Associate Professor
James R. Churilla, PhD, MPH, MS, ACSM-CEP, FACSM , Professor
Emily Gabriel, PhD, LAT, ATC, Clinical Assistant Professor, Athletic Training
Christopher Joyce, PhD, LAT, ATC, CCRA, CSCS, Associate Professor
Michael Szymanski, PhD, LAT, ATC, Assistant Professor
Jessica Stapleton, PhD, Associate Professor
Lindsay Toth, PhD, ACSM-EP, Associate Professor
Caleb Williams, PhD, CSCS, Instructor

Programs

Athletic Training, MS
Health Science: Kinesiology/Lifestyle Medicine, MSH
Kinesiology, BS

Courses

APK3091 - Leadership and Professionalism in Kinesiology
APK3115C - Practical Skills in Strength and Conditioning
APK4101 - Skeletal Muscle Structure and Function
APK4120C - Clinical Exercise Physiology
APK4125 - Exercise Prescription
APK4165 - Bioenergetics
APK4405 - Exercise Psychology
APK4912 - Directed Independent Study - Honors in Kinesiology Research
APK4941 - Exercise Physiology Practice
APK4971 - Directed Independent Study - Honors in Kinesiology Thesis
APK5332 - Pharmacology for Chronic Diseases
APK6056 - Special Topics in Kinesiology and Lifestyle Medicine
APK6057 - Research in Kinesiology and Lifestyle Medicine
APK6107C - Cardiovascular Exercise Physiology and ECG
APK6111C - Medical Exercise Physiology
APK6116C - Exercise Physiology and Laboratory Techniques
APK6127C - Human Physiological Assessment
APK6135 - Periodization
APK6176 - Advanced Concepts in Strength Training
APK6235C - Physical Activity Measurement in Research and Medicine
APK6336 - Physical Activity Epidemiology and Evidence Review
APK6415 - Behavioral Medicine
APK6900 - Independent Study in Kinesiology and Lifestyle Medicine
APK6942 - Internship or Project in Kinesiology and Lifestyle Medicine
APK6972 - Thesis in Kinesiology and Lifestyle Medicine
ATR2000C - Introduction to Sports Medicine
ATR3102 - Introduction to Athletic Injuries
ATR3104C - Orthopedic Taping and Bracing
ATR3112C - Emergency Management of Athletic Trauma
ATR3512 - Athletic Training Administration
ATR4213C - Orthopedic and Injury Assessment II
ATR4312C - Therapeutic Exercise
ATR4314 - Rehabilitation of Athletic Injuries
ATR4610 - Research in Sports Medicine
ATR4880C - Athletic Training Clinical Experience
ATR4902 - Independent Study in Athletic Training
ATR4933 - Seminar in Athletic Training
ATR5105C - Foundations in Athletic Training
ATR5119C - Emergency Management of Athletic Trauma
ATR5126C - Gross Anatomy for Athletic Trainers
ATR5217C - Orthopedic Assessment and Diagnosis I
ATR5218C - Orthopedic Assessment and Diagnosis II
ATR5306C - Therapeutic Interventions I
ATR5307C - Therapeutic Interventions II
ATR5406C - Clinical Medicine
ATR5815C - Clinical Integration I
ATR5825C - Clinical Integration II
ATR6308C - Therapeutic Interventions III
ATR6505C - Seminar in Athletic Training
ATR6516 - Athletic Training Administration
ATR6617 - Research Methods
ATR6618 - Applied Research
ATR6835C - Clinical Integration III
ATR6845C - Clinical Integration IV
ATR6907 - Independent Study in Athletic Training
ATR6945L - Clinical-Decision Making I
ATR6946L - Clinical-Decision Making II
ATR6949C - Clinical Integration Experience
HSC2619 - Introduction to Exercise Science
HSC3553 - Pathophysiology
HSC4549 - Advanced Exercise Physiology for Health Science
HSC4612 - Exercise Physiology for Health Science
HSC4615L - Lab Methods in Exercise Physiology for Health Science
PEM3930 - Special Topics in Exercise Science
PEP4135 - Principles of Strength and Conditioning
PET3080 - Physical Activity Epidemiology
PET3310 - Kinesiology
PET3312C - Biomechanics
PET3324C - Gross Anatomy for Health Care Professionals
PET3325 - Functional Anatomy/Kinesiology
PET3672 - Observation and Practicum in Athletic Training I
PET3673 - Observation and Practicum in Athletic Training II
PET3768C - Practical Skills in Exercise Instruction
PET3771C - Business and Practice in Exercise Physiology
PET4550 - Physical Fitness Assessment and Exercise Prescription
PET4627 - Human Injury: Mechanisms and Prevention
PET4905 - Independent Study in Exercise Science
PET4942 - Internship in Kinesiology
PET4943 - Pre-Internship in Kinesiology

Nutrition & Dietetics Department

Department of Nutrition & Dietetics

Undergraduate Program

The Department of Nutrition and Dietetics offers **one** Bachelor of Science (BS) in Nutrition and Dietetics with two different concentrations: Didactic Program in Dietetics and Community Nutrition and Food. Students in the BS in Nutrition and Dietetics Programs have opportunities to participate in *Meals on Wings*, a very active food recovery program; participate in research projects with faculty; write articles for UNF's internationally renowned *NutriNews* student-led magazine; strengthen leadership skills; join student clubs; and more.

Didactic Program in Dietetics (DPD) Concentration

The DPD is a rigorous undergraduate curriculum accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics, 120 South Riverside Plaza, Suite 2190, Chicago, IL 60606-6995. DPD graduates are encouraged to pursue the registered dietitian (RD) credential (also called registered dietitian nutritionist or RDN). Obtaining the RD credential typically requires three steps:

1. Complete an ACEND-accredited DPD program.
2. Complete an ACEND-accredited dietetic internship (typically will complete a Master's degree simultaneously with the internship program).
3. Pass the national RDN examination (requires a Master's degree).

The RD credential is needed to fully practice nutrition and dietetics in Florida and in most other states. RDs work with diverse populations in a variety of settings including hospitals, out-patient and wellness centers, clinics, food and supplement companies, health agencies, nursing homes, supermarkets, school districts, universities, and mental health centers. Many RDs are business owners as well. To learn more about the nutrition profession and dietetic internships, visit the website of the Academy of Nutrition and Dietetics.

View admission and degree program requirements.

After earning the BS in Nutrition and Dietetics degree in the DPD concentration, graduates can sit for the Nutrition and Dietetics Technician, Registered (NDTR) examination and the Certified Dietary Manager, Certified Food Protection Professional (CDM®, CFPP®) examination and seek employment in a clinical, food service, or community setting. Other options are to seek advanced education or employment in nutrition education, food service, program management, sales, or health and fitness.

All upper-level DPD classes are available as an online concentration (major) or face-to-face concentration (major). The online offering does not include the required prerequisites (except for FSS1202 and FSS1202L); only those listed as "Concentration Requirements" in the program of study will be offered online.

Community Nutrition and Food (CNF) Concentration

Students in the CNF concentration can earn a minor in Food Systems and Sustainability with just two additional classes. The CNF concentration prepares students to take the Certified Dietary Manager, Certified Food Protection Professional (CDM®, CFPP®) examination. Program graduates can seek jobs as nutrition and food educators, food service managers, food and nutrition writers and bloggers, recipe developers, and program directors. Graduates may pursue advanced academic degrees as well.

View admission and degree program requirements.

Graduate Program

The Department of Nutrition and Dietetics offers: 1) a Master of Science in Nutrition and Dietetics with three specialization options and 2) a Doctor of Clinical Nutrition (DCN). In addition, the Department offers a dietetic internship, known as the Distance Dietetic Internship.

Option 1: Master of Science in Nutrition and Dietetics/Dietetic Internship

The Master of Science in Nutrition and Dietetics/Dietetic/Internship option enables graduates from ACEND approved didactic programs in dietetics to fulfill the requirement for a pre-professional supervised practice experience and become eligible to sit for the National Registered Dietitian (RD) Examination in addition to their program of study. This program of study is specifically designed for students who wish to simultaneously complete an ACEND-accredited Dietetic Internship and a Master of Science degree in nutrition that emphasizes the application of advanced nutrition knowledge in clinical, public health, and/or community settings, or for those who wish to advance studies toward a doctoral degree. Fifteen students are admitted each fall to this four-semester full-time program and students must complete both the master's degree and internship experience in order to receive a verification statement and sit for the Dietetic Registration (RD) Exam. This is a 30 credit hour program. View admission and degree requirements for the The MS/Dietetic Internship.

The Dietetic Internship at the University of North Florida has been granted Accreditation by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, (Address: 120 Riverside Plaza, Suite 2190, Chicago, IL 60606-6995; Phone: 312/899-0040 ext. 5400; Email: ACEND@eatright.org; Website: https:www.eatrightpro.org/acend). The MS Nutrition Dietetic Internship option admits 15 students each Fall semester to the four semester full-time program. Students must complete both the Master's Degree and the supervised practice (Internship) experience in order to receive a verification statement and be eligible to sit for the entry-level Registered Dietitian (RD) Exam.

For students that have placed to free-standing dietetic internships (such as Pasco County Dietetic Internship, Advent Health Dietetic Internship, Tampa VA Dietetic Internship, NutritionInc Dietetic Internship, UNF ISPP program), the UNF Department of Nutrition and Dietetics offers a compressed, online Master's of Nutrition and Dietetics that has been affiliated with your dietetic internship. The 30-hours of coursework begins in Summer B and completes in Summer A for completion in 12 months.

Option 2: The Master of Science in Nutrition and Dietetics Professional Studies Option

The online Master of Science in Nutrition and Dietetics Professional Studies option is for Registered Dietitian Nutritionists (RDN's) **or** those with a bachelor's degree in nutrition and DPD verification statement from an Accreditation Council for Education in Nutrition and Dietetics (ACEND). The program is 30 credit hours and is completely online.

The MS Online in Nutrition and Dietetics Professional Studies concentration is a great option for students attending a stand-alone dietetic internship or who wish to pursue a master's degree before completing their supervised practice or practicing RDN's wishing to pursue graduate studies.

Full-time and part-time options are available. Applications for the professional studies concentration are accepted for Fall, Spring, and Summer starts.

View admission and program of study degree requirements for the MS in Nutrition and Dietetics Professional Studies program. View graduate application deadlines.

Option 3 Master of Science in Nutrition and Dietetics/Integrated Graduate Program in Nutrition and Dietetics

The Integrated Graduate Program in Nutrition and Dietetics is a 20-month program that prepares both nutrition major students and non-nutrition major students to become Registered Dietitian Nutritionists. The program integrates online didactic coursework with 1000 hours of onsite supervised experiential learning in a competency-based curriculum designed to prepare nutrition and dietetics practitioners for future practice. The program admits 16 students every Fall semester and once the student completes the 39-credit hour program, the student will earn a Master of Science degree and is eligible to take the Commission on Dietetic Registration (CDR) credentialing examination to become a Registered Dietitian Nutritionist. View admission and program of study degree requirements on the Integrated Graduate Program in Nutrition and Dietetics website. The Integrated Graduate Program in Nutrition and Dietetics at the University of North Florida has been granted Accreditation by: The Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics Association: (Address: 120 South Riverside Plaza, Suite 2190, Chicago, IL 60606-6995; Phone: 312-899-0040 ext. 5400; Email: ACEND@eatright.org ; Website: (https://www.eatrightpro.org/acen).

Doctorate of Clinical Nutrition

The Department of Nutrition & Dietetics offers an online Doctorate in Clinical Nutrition (DCN). The DCN program is an advanced practice doctoral program that emphasizes leadership, advanced practice, and research, culminating in a Doctor of Clinical Nutrition (DCN) degree. In contrast to a PhD in Nutrition, which is generally focused on bench research, this degree focuses on practice and emphasizes the production of applied scholarship and evidence-based outcomes in practice settings. The DCN will prepare practitioners for leadership roles in clinical, community, or higher education settings through coursework, advanced practice residency, and the production of applied scholarship.

Graduates will gain expertise and skills in leadership and public policy, advanced evidence-based practice, and outcomes research to become advanced-level nutrition and dietetics practitioners and researchers. The curriculum integrates evidence-based practice in nutrition and dietetics to provide the foundation for completion of an outcomes-based research project. The significance of developing an advanced practice Doctorate in Clinical Nutrition is evident from the increasing prevalence of dietary-related chronic diseases. Graduates of the program will be rigorously trained to provide leadership in dietary prevention, intervention, and treatment of chronic disease at the individual and population level.

The DCN program can be completed on a full-time or part-time basis. Students are also encouraged to obtain certifications as part of their studies, with consultation and approval from their advisor, and/or participate in study abroad opportunities to advance their professional development.

View admission and degree requirements for the DCN Program.

Department of Nutrition & Dietetics Faculty

Andrea Arikawa, PhD, RDN, LD/N, FAND, Professor and Department Chair

Program Directors

Casey Colin, DCN, RDN, LDN, FAND
Associate Professor and Director of Undergraduate Nutrition Programs
Jamisha Leftwich, DCN, RDN, LD/N, CLC, FAND
Assistant Professor and Director of the Integrated Graduate Program in Nutrition and Dietetics
Jill Snyder, DCN, RDN, LD/N
Assistant Professor and Director of the MSDI & Distance Dietetic Internship Program
Kristin Berg, DCN, RDN, LD/N,
Instructor and Director of the Dietetic Professional Studies Program Director
Jen Ross, DCN, RDN, LD/N, FAND
Associate Professor and Director of the Doctor of Clinical Nutrition Program

Faculty

Lauren Butler, PhD, RDN, LD/N, Assistant Professor
Casey Colin, DCN, RDN, LDN, FAND Associate Professor
Claudia Rivero, DCN, MS, RDN, Instructor
Alireza Jahan-Mihan, PhD, RDN, Associate Professor
Corinne Labyak, PhD, RDN, Associate Professor
Jamisha Leftwich, DCN, RDN, LD/N, CLC, FAND, Assistant Professor
Jenifer Ross, DCN, RDN, LD/N, FAND, Associate Professor
Jill Snyder, DCN, RDN, LDN, Assistant Professor
Zhiping Yu, PhD, RDN, LD/N, FAND, Associate Professor

Programs

Clinical Nutrition: Advanced Practice, DCN
Food Systems and Sustainability, Minor
Health Informatics, Certificate (CB)
Nutrition & Dietetics: Integrated Graduate Nutrition Program, MS
Nutrition & Dietetics, BS
Nutrition & Dietetics: Dietetic Internship, MS
Nutrition & Dietetics: Dietetic Professional Studies, MS

Courses

DIE3213 - Nutrition Therapy I
DIE3246 - Nutrition Therapy II
DIE3310 - Community Nutrition
DIE3950 - Nutrition Study Abroad
DIE4122 - Management of Food and Nutrition Services I
DIE4125 - Management of Food and Nutrition Services II
DIE4515 - Nutrition and Dietetics Professional Capstone
DIE4906 - Dietetics Independent Study and Research
DIE4912 - Projects in Nutrition and Dietetics
DIE4931 - Nutrition Trends/Leadership
DIE4940 - Nutrition and Diet Field Experience
DIE6127 - Advanced Administration of Food and Nutrition Services
DIE6128 - Food Service Management I
DIE6138 - Food Service Management II

DIE6241 - Advanced Medical Nutrition Therapy
DIE6248 - Clinical Nutrition and Assessment
DIE6906 - Dietetics Independent Study and Research
DIE6912 - Projects in Nutrition and Dietetics
DIE6931 - Special Topics in Dietetics
DIE6940 - Clinical Practice in Nutrition and Dietetics I
DIE6941 - Clinical Practice in Nutrition and Dietetics II
DIE6942 - Clinical Practice in Nutrition and Dietetics III
DIE6943 - Clinical Practice in Nutrition and Dietetics IV
DIE6970 - Thesis
FOS4041 - Food Science and Composition
FOS4041L - Food Science and Composition Laboratory
FSS1202 - Food Fundamentals
FSS1202L - Food Fundamentals Laboratory
FSS1213L - Cooking for Health and the Environment
FSS3800 - Seminar in Food Systems and Sustainability
FSS4230 - Quantity Food Preparation
FSS4945 - Professional Capstone in Community Nutrition & Food Management
HSC3578 - Food, Health and Society
HSC6509 - Nutritional Epidemiology
HUN2201 - Basic Principles of Human Nutrition
HUN3014 - Nutrition and Fitness
HUN3230 - Metabolism of Macronutrients
HUN3231 - Metabolism of Micronutrients
HUN3403 - Life Span Nutrition
HUN3534 - Food as Medicine
HUN3800 - Nutrition Science Research and Ethics
HUN3900 - Research Experience in Nutrition
HUN4016C - Nutrition Counseling and Communication
HUN4601C - Nutrition Education
HUN4614 - Nutrition Communication
HUN6123 - Sociocultural Influences on Nutrition
HUN6249 - Nutrition and Metabolism
HUN6408 - Nutrition Through Life Span
HUN6522 - Advanced Public Health Nutrition
HUN6523 - Community Nutrition
HUN6612 - Nutrition Education and Counseling
HUN6615 - Advanced Nutrition Counseling Skills
HUN6910 - Nutrition and Dietetics Research
HUN6911 - Nutrition and Dietetics Seminar
HUN6916 - Advanced Concepts in Nutrition and Dietetics
HUN7219 - Advanced Concepts in Clinical Nutrition
HUN7518 - Advanced Concepts in Public Health Nutrition
HUN7525 - Advanced Nutrition Leadership and Public Policy
HUN7548 - Nutrition for Global Health
HUN7625 - Advanced Nutrition Counseling
HUN7638 - Teaching Nutrition in Higher Education
HUN7645 - Current Trends in Nutrition and Dietetics
HUN7788 - Nutritional Genomics
HUN7803 - Advanced Topics in Nutrition Science
HUN7808 - Qualitative Methods in Nutrition Research
HUN7820 - Advanced Concepts in Nutrition and Wellness
HUN7830 - Research Methods I
HUN7831 - Research Methods II
HUN7832 - Survey Design and Validation
HUN7939 - Doctoral Seminar in Nutrition
HUN7943 - Advanced Practice Residency
HUN7981 - Pre-Doctoral Dissertation
HUN7985 - Doctoral Dissertation

Health Administration Department

Department of Health Administration

Undergraduate Program

The Department of Health Administration offers undergraduate programs culminating in a Bachelor of Healthcare Management (B.H.M.) degree.

The B.H.M. degree is designed to prepare graduates for entry-level administrative positions in hospitals, clinics, nursing homes, mental health organizations, insurance companies, medical group practices public agencies, and many other types of health care organizations. It also serves to help enhance careers of students already working in the health services industry. View admissions and degree requirements.

Graduate Program

The Department of Health Administration offers a graduate program in Health Administration leading to a Master of Health Administration (MHA), Executive Master of Health Administration (EMHA), Master of Science in Health Informatics, or Doctor of Health Administration (DHA), Students applying to the doctorate program must have a post-baccalaureate degree or master's degree in a clinical field, or related health administration program such as public health and health information technology. Students applying to our masters programs must have earned a baccalaureate degree from an accredited college or university recognized by the University of North Florida. To view admission and degree requirements, select either the MHA program link, EMHA program link, MSHI program link, or DHA program link.

Department of Health Administration Faculty

D.D. Rob Haley, Ph.D., Professor and Interim Chair

Undergraduate Program Director

LaRee Moody, D.H.A., R.N., Associate Instructor & Director, Health Management Undergraduate Program

Undergraduate Faculty

D. Rob Haley, Ph.D., MBA, MHS, Professor and Interim Chair
Hana Hamadi, Ph.D., Professor & Director, Center for Aging Research at BCH
Jeffrey Harrison, Ph.D., MBA, MHA, FACHE Professor & Program Director, DHA Program
Brent Johnson, J.D., M.H.A, Instructor
LaRee Moody, D.H.A, R.N., Associate Instructor & Program Director, Bachelor of Health Management
Sinyoung Park, Ph.D., Associate Professor, Director, MSHI Program
Shyam B. Paryani, MD, MS, MHA, FACRO, FACHE, Instructor, Director EMHA Program
Kay MB Thiemann, MBA., FACHE, Instructor & Director, Master of Science in Health Informatics (MSHI) & Executive Director, BCH Leadership Institute
Jing Jasper Xu, Ph.D., Associate Professor & Director MHA Program
Mei Zhao, Ph.D., Professor & BCH Interim Dean

Graduate Program Director

Jasper Xu, Ph.D., Professor & Director, Master of Health Administration (MHA)
Jeffery Harrison, Ph.D., MBA, MHA, FACHE, Professor & Director, Doctor of Health Administration Program
Shyam B. Paryani, MD, MS, MHA, FACRO, FACHE, Instructor & Director, Executive Master of Health Administration (EMHA)
Sinyoung Park, Ph.D., Program Director, Master of Science in Health Informatics
Kay MB Thiemann, MBA., FACHE, Instructor & Director, Master of Science in Health Informatics (MSHI) & Executive Director, BCH Leadership Institute

Graduate Faculty

D. Rob Haley, Ph.D., MBA, MHS, Professor & Interim Chair
Hana Hamadi, Ph.D., Professor & Director, Center for Aging Research at BCH
Jeffrey Harrison, Ph.D., MBA, MHA, FACHE, Professor & Director, DHA Program
Sinyoung Park, Ph.D., Associate Professor
Shyam B. Paryani, MD, MS, MHA, FACRO, FACHE, Instructor & Program Director, EMHA
Auora Tafili, PhD, MBA, MHA, Assistant Professor
Kay Thiemann, MBA, Instructor & Program Director, Healthcare Leadership Institute at BCH
Jing Jasper Xu, Ph.D., Associate Professor & Director MHA Program
Mei Zhao, Ph.D., Professor & BCH Interim Dean

Programs

Executive Health Administration, MHA
Health Administration, DHA
Health Administration, MHA
Healthcare Management, BHM
Healthcare Management, Minor
Health Informatics, MS

Courses

GEY3004 - Aging in America
GEY3503 - Assisted Living Facility Administration
GEY3660 - Aging Policy and Politics
GEY6813 - Aging Capstone
HIM6121 - Health Information Regulatory Compliance
HIM6122 - Clinical Systems Analysis and Decision Support
HIM6123 - Clinical Workflow Design and Re-Engineering
HIM6667 - Health Informatics and Interoperability
HIM6908 - Independent Study in Health Informatics
HSA2530 - The Language of Healthcare
HSA3101 - Introduction to Health Administration
HSA3160 - Health Care Marketing
HSA3173 - Health Care Accounting
HSA3191 - Health Information Systems I
HSA3222 - Long Term Care Administration
HSA3340 - Healthcare Human Resources
HSA3383 - Quality Management in Healthcare
HSA3430 - Health Economics and Quantitative Analysis
HSA3514 - Essentials of Practice Management
HSA3522 - Managerial Epidemiology
HSA3750 - Evaluation of Health Programs
HSA4004 - Professional Skills Development
HSA4005 - Becoming a Health Care Boss
HSA4111 - U.S. Health Care System
HSA4150 - Introduction to Health Policy
HSA4170 - Health Care Finance
HSA4544 - Global Health Care
HSA4553 - Health Law and Ethics
HSA4850 - Health Administration Internship
HSA4905 - Independent Study
HSA4922 - Capstone: Health Administration
HSA4938 - Seminar on Managed Care
HSA4955 - Study Abroad Health
HSA5177 - Health Care Finance
HSA6112 - International Health Systems
HSA6114 - Health Organization and Delivery
HSA6148 - Strategic Planning and Marketing in Healthcare
HSA6149 - Healthcare Planning and Project Management
HSA6158 - Health Policy and Law
HSA6178 - Advanced Health Care Financial Management
HSA6179 - Financial Management for Health Care Organizations
HSA6186 - Healthcare Leadership and Organizational Theory
HSA6187 - Managing Human Resources in Health Care Organizations
HSA6188 - Capstone: Healthcare Strategic Management
HSA6196 - Quantitative Analysis for Health Services
HSA6198 - Health Information Technology
HSA6327 - Healthcare Revenue Management
HSA6342 - Healthcare Human Resources
HSA6385 - Quality Management in Health Care
HSA6386 - Population Health for Health Administrators
HSA6387 - Healthcare Quality and Patient Safety Management
HSA6396 - Strategic Planning for Health Information Systems
HSA6435 - Health Economics
HSA6436 - Health Economics, Financing and Reimbursement
HSA6512 - Leadership and Organizational Behavior in Healthcare
HSA6515 - Practice Management
HSA6520 - Managerial Epidemiology
HSA6707 - Research Methods for Healthcare Management
HSA6813 - Aging Capstone
HSA6815 - Practicum: Executive Skill Development
HSA6905 - Policy and Law in Healthcare
HSA6908 - Directed Independent Study
HSA6940 - MHA Internship
HSA6958 - Study Abroad: Healthcare
HSA7091 - Scientific Writing for the Healthcare Professional
HSA7146 - Strategic Vision and Planning in Healthcare
HSA7156 - Public Policy and Healthcare
HSA7197 - Planning for Health Information Systems
HSA7333 - Financial Management
HSA7348 - Managing Change and Negotiation
HSA7357 - Organizational Behavior
HSA7367 - Evidence-Based Decision Making
HSA7385 - Leadership Accountability for Quality and Safety
HSA7386 - Population Health Management
HSA7388 - Advances in Leadership
HSA7706 - Research Methodologies
HSA7911 - Doctoral Project I
HSA7912 - Doctoral Project II

Physical Therapy Department

Department of Physical Therapy

The Department of Physical Therapy offers the following degree: Doctor of Physical Therapy. Physical Therapists are health professionals who work with individuals of all ages and abilities to prevent or recover from injuries, and chronic conditions. Physical therapists are movement experts who apply their knowledge in providing a wide array of treatments that include hands on care, exercise prescription and education. Physical therapists are guided by the American Physical Therapy Association vision: Transforming society by optimizing movement to improve the human experience. The DPT Program at UNF provides graduates with the knowledge and skills to become practitioners of the highest caliber who are qualified to work in any setting. UNF's DPT Program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE). After graduating from the accredited DPT program at UNF, students are qualified to take the National Physical Therapy Examination (NPTE). Upon passing the NPTE, they must apply for licensure in the state in which they plan to work. View the admission and degree requirements.

Department of Physical Therapy Faculty

Department Chair and Program Director

Sherry O. Pinkstaff, PhD, PT, DPT, Associate Professor, Physical Therapy

Faculty

Chitra Lakshmi K Balasubramanian, PT, PhD, Co-Director of Hicks Hall Research Lab and Associate Professor
Guilherme Cesar, PT, PhD, Co-Director of Hicks Hall Research Lab and Assistant Professor
Debra Depto-Hoffman, PT, DPT, PCS, Assistant Professor
Beven Livingston, PT, PhD, MS, ATC, Associate Professor and Director of Student Success
Raine Osborne, PT, DPT, EdD, OCS, FAAOMT, Assistant Professor
Rob Robinson, PT, DPT, GCS, Director of Clinical Education and Clinical Assistant Professor
Julie Braun, PT, DPT, NCS Assistant Director of Clinical Education and Visiting Instructor

Programs

Physical Therapy, DPT

Courses

PHT5005 - Foundations of Professional Practice and Clinical Education
PHT5257C - Clinical Skills
PHT5806 - Clinical Practicum
PHT6070 - Imaging in Rehabilitation
PHT6110C - Gross Anatomy for Physical Therapists
PHT6126C - Kinesiology
PHT6153C - Human Physiology
PHT6161C - Clinical Neuroanatomy and Physiology
PHT6191C - Motor Control
PHT6218C - Therapeutic Modalities
PHT6267C - Examination and Intervention
PHT6306 - Pathology-Pharmacology
PHT6314C - Neurology I: Pathology, Examination and Intervention
PHT6318C - Orthopedic Physical Therapy I: Extremities
PHT6553C - Physical Therapy Resid: Applied Principles Clini Practice I
PHT6554C - Physical Therapy Resid: Applied Principles Clinical Pract II
PHT6606C - Foundations of Evidence-Based Practice
PHT6910 - Independent Study - Research
PHT6940C - Advanced Clinical Residency
PHT6941C - DPT 2A Clinical
PHT6942C - DPT 2B Clinical
PHT7009C - Differential Diagnosis
PHT7114 - Pelvic Health
PHT7183C - Orthopedic Physical Therapy II: Spine and Occupational Health
PHT7315C - Neurology II: Advanced Examination and Intervention
PHT7328C - Lifespan: Pediatrics
PHT7374C - Lifespan Geriatrics
PHT7385C - Exercise Physiology/Cardiopulmonary Physical Therapy
PHT7551 - Leadership in Physical Therapy
PHT7608C - Research Application for EBP
PHT7741C - Spinal Cord Injuries and Prosthetics
PHT7773C - Ortho PT Residency: Advanced Management-Spine
PHT7774C - Ortho PT Residency: Advanced Management-Lower Extremity
PHT7775C - Ortho PT Residency: Advanced Management-Upper Extremity
PHT7777 - Constructivism in Orthopaedic Physical Therapy
PHT7845 - Assistive Technology for Accessibility
PHT7880C - Advanced Clinical Integration
PHT7936 - Advanced Seminar
PHT7943C - DPT 3A Clinical
PHT7944C - DPT 3B Clinical

Computing, Engrg, and Const Department

College of Computing, Engineering and Construction

The College of Computing, Engineering and Construction (CCEC) prepares students for professional responsibilities and creative achievement in the fields of Computer Science, Data Science, FinTech, Information Systems, Information Science, Information Technology, Advanced Manufacturing, Electrical, Mechanical, and Civil Engineering and Construction Management.

Accreditation

The undergraduate computer science, information systems, information science, and information technology programs are accredited by the Computing Accreditation Commission (CAC) of ABET, http://www.abet.org . The undergraduate electrical engineering, civil engineering, and mechanical engineering programs are accredited by the Engineering Accreditation Commission (EAC) of ABET, http://www.abet.org. The undergraduate construction management program is accredited by the American Council for Construction Education (ACCE).

Mission

The mission of the College of Computing, Engineering, and Construction is to provide its students with the highest quality education and professional experiences, to achieve excellence in its teaching, scholarship and service, and to continually enhance its programs through interactions with professional constituents in the community.

Vision

The College of Computing, Engineering, and Construction aspires to be nationally known for its outstanding degree programs, scholarship and service and seeks to contribute significantly to the economic vitality of the Northeast Florida region, the State and the Nation.

Values

The College seeks to develop students with the technical, communications, and leadership abilities needed to navigate the challenges of the new knowledge-based economy and build a successful and prosperous future while developing a sense of community responsibility and global awareness. The faculty, staff and administration are committed to acting with integrity and employing ethical behavior in all of our dealings. The College strives to provide education that prepares our students to make significant contributions to their chosen professions, the northeast Florida region and beyond in an environment where each student is respected, valued and engaged.

Transformational Learning Opportunities

Transformation Learning Opportunities (TLO) are available for a variety of enriching experiences while pursuing a degree at UNF, including but not limited to, directed independent research, cooperative experiences, study abroad opportunities, and internships. With prior approval, some of these may also be used for academic credit.

Laboratory and Computing Facilities

The general campus computing environment, including wireless Internet access, email systems, general purpose student computer labs, most technology-enhanced classrooms, and central business systems is maintained by UNF Information Technology Services.

Specialized and advanced computing, engineering, and construction management laboratories housed within the College extend general campus computing services by adding advanced facilities supporting the wide range of research and instruction that characterizes the College's degree programs.

The School of Computing (SoC) advanced laboratories are configured specifically to support upper-level and graduate instruction and research in robotics, data analytics, software development, mobile computing, cybersecurity, and communications/networking, utilizing Windows, Linux, and Mac operating systems environments. Courses in the School of Engineering (SoE) are supported by specialized laboratories, which are equipped with advanced computer systems, manufacturing machines, engineering instrumentation, and specialized software. These laboratories provide flexible environments suited for class work, senior design, and research projects.

The Construction Management program uses computing and materials laboratories designed to support and enhance the curriculum, capstone projects, and construction materials research. As a result of a general donation from the W.W. Gay Company, the Construction Management Department has a state-of-the-art electrical/mechanical laboratory for their programs. The facility includes 6 electrical training modules, 6 plumbing modules, and 30 psychrometers. The facility allows the Construction students to experience first-hand installation and design of residential-scale electrical and plumbing systems. Commercial scale mechanical systems (HVAC) are included for student-demonstrations. The department also houses a Construction Materials lab, made possible by a generous donation from LandSouth Construction.

The computing environments maintained by the College make use of the University's high-speed data network and Florida Lambda Rail, a high-speed, low-latency research network connecting the State's universities and research institutions.

In addition to UNF laboratories, the college has partnered with Johnson and Johnson to establish a state-of-the-art 3D printing research and development laboratory that is available for classes and research projects.

Materials Science and Engineering Research Facility (MSERF): MSERF is a multi-user research center in the College of Computing Engineering and Construction that is dedicated to materials property characterization. The electron microscopes and various other testing methods housed in MSERF support research efforts in materials science and manufacturing processes for faculty across the disciplines of engineering, physics, chemistry and biology. The state of the art facility is specially designed and built to provide optimal equipment performance and resolution down to the nano-scale.

Courses

SLS2004 - CCEC and You

Computing Department

School of Computing

John E. Mathews Jr Building,
Building 15, Room 3201
Phone: (904) 620-2985
Fax: (904) 620-2988

Web Address: www.unf.edu/ccec/computing/

Email: computing@unf.edu

Vision

The School of Computing seeks to provide a nationally and internationally recognized center of learning in the computer and information sciences, focusing on application of state-of-the-art computer technology, and supporting regional aspirations to excel in computer-related enterprise. Led by its faculty, and represented by its students, the School seeks to provide an educational atmosphere both intellectual and practical, extending the frontiers of knowledge to the betterment of humankind.

Mission

The School of Computing is dedicated to the promotion of an academically exciting and progressive intellectual climate, characterized by a superior program of instruction, peer-recognized scholarship, effective support services, and productive professional community involvement. In particular, the School is committed to offering undergraduate and graduate degree programs observing national standards, maintaining and expanding course offerings to keep pace with the rapid development of computer theory and computer technology. In recognition of its leadership position in the computer and information sciences, the School supports the need for instruction in computing as required by other University programs and advocates faculty participation in collaborative computer-related projects involving other professionals or colleagues. The vitality of the School is enhanced by encouraging ongoing faculty research and development, ultimately serving the instructional mission of the School and providing both Northeast Florida and the nation with a wellspring of knowledge and wisdom for the computer and information sciences.

Values

The School of Computing recognizes its responsibility towards establishing and supporting a strong ethical standard for both personal and societal use of computer technology, characterized by integrity and professionalism, without sacrificing openness and innovation. Given the School's role in the education of future leaders for the development of the computer-related applications, particular value is placed on providing an environment characterized by a strong sense of professional responsibility, understanding of the larger issues involved in making a functional society, sensitivity to the concerns deriving from ethnic or gender differences, appreciation for the cultural contributions of others, and awareness of the potential effect of one's personal and professional conduct on others. The School seeks to provide a supportive, sensitive, academic environment wherein students, faculty, and staff alike feel both their individual and collective importance to the School.

Academic Programs

The School of Computing has primary responsibility for all computing-related instruction at UNF at all levels. For undergraduate students, the school offers the Bachelor of Science degrees in Computer Science, Data Science, Information Systems, Information Science, Information Technology, Computing & Information Sciences Financial Technology (FinTech), and Computing and Information Science-Data Science, and minors in Computing and FinTech for Finance and Accounting Majors.

For graduate students, the school offers a research-focused Master of Science degree in Computing & Info Sciences with tracks in Computer Science, Cybersecurity, Data Science, and Information Systems. For all the graduate programs students can select between a Thesis option and a Non-Thesis option.

In addition, the School of Computing offers a Doctoral Degree in Computing with a track in either Cybersecurity or Intelligent Systems. With all our programs, we expect our students to improve their communication skills, effectively collaborate, and conduct themselves professionally.

Computing Advisory Board (CAB)

This council is composed of approximately 25 Computing executives and professionals from the business community who meet on a regular basis to advise the director of the UNF School of Computing on current industry trends in computing and information sciences.

Student Organizations

Faculty from the School sponsor student organizations for the Osprey Competitive Programming (OCP), Osprey Security (OSEC), Computer Society of the Institute of Electrical and Electronics Engineers (IEEE-CS), Society of Women Advancing Technology (SWAT), Artificial Intelligence Research Organization (AIRO), Women in Cybersecurity (WiCys), Gaming and Application Development (GAD), and the Upsilon Pi Epsilon (UPE) Honor Society in the Computing and Information Sciences. These organizations provide students with important professional contact groups in Jacksonville and throughout the national computing community. See the School of Computing web pages for more information.

School of Computing Faculty

Nan Niu, Ph.D. Professor & Director

Sandeep Reddivari, Ph.D., Associate Professor & Graduate Director

Sanjay P. Ahuja, Ph.D., Professor

S. Chua, Ph.D., Professor Emeritus

Neal S. Coulter, Ph.D., Professor and Dean Emeritus

Mai Dahshan, Ph.D., Assistant Professor

Jeremiah Doody, M.S. Instructor

Ayan Dutta, Ph.D., Associate Professor

Roger E. Eggen, Ph.D., Professor Emeritus

Richa Jethwani, M.S., Associate Instructor

Indika Kahanda, Ph.D., Associate Professor

Upulee Kanewala, Ph.D., Associate Professor

William Klostermeyer, Ph.D., Professor & Dean

Richard Lentz, MS, Instructor

Jim Littleton, M.S., Instructor

Xudong Liu, Ph.D., Associate Professor

Elise Marshall, M.S., Associate Instructor & Academic Advisor

Kenneth E. Martin, Ph.D., Professor & Founding Director Emeritus

Zornitza Prodanoff, Ph.D., Professor

Swapnoneel Roy, Ph.D., Associate Professor

Karthikeyan Umpathy, Ph.D., Associate Professor

Iman Vakilinia, Ph.D., Associate Professor

Undergraduate Academic Policies

The College of Computing, Engineering, and Construction adheres to all academic policies and regulations of the University. In addition, the School of Computing has policies which apply to all undergraduate students in the School of Computing.

Individuals needing clarification for any policies, or an interpretation of how a policy might apply in a given situation, should contact the School of Computing office located in the Mathews Building, Building 15/Room 3201, call (904) 620-2985, or email computing@unf.edu.

Admission

Students seeking admission to the School of Computing must meet the general requirements of the University relative to admission. Students lacking any program prerequisites are encouraged to complete these courses as soon as possible to be on-track for a timely graduation.

Admission With Less Than 2.0 Grade Point Average

Students who are admitted with less than the minimum 2.0 grade point average are placed on academic probation. Special conditions for admission are outlined by the Director of the School, and students must meet these conditions to continue their studies in the School of Computing.

Academic Advising

When a student is admitted to the School of Computing, an advisor will prepare a program of study outlining the program requirements.

Students considering majoring in a computing program are strongly encouraged to meet with a School advisor as early as possible. Advising appointments for development of a personalized program of study must be scheduled within the first semester of attaining sophomore status. Advising appointments are on your MyWings account, calling (904) 620-2985, or emailing computing@unf.edu.

Attendance Policy

The faculty of the School of Computing believe that students need to make their academic studies a priority during their enrollment in our programs. Due to the amount and complexity of the material, students should ensure their ability to attend the entire class period. Thus, we have developed the following attendance policy which may be used at the discretion of the course instructor:

Students who miss more than 25% of scheduled class meetings, regardless of their grades, may be asked to withdraw from the course or given an "F" grade in the course.

Transfer Coursework

Students desiring to transfer upper-level course work to the School of Computing must have the work approved by an academic advisor. With approval, a maximum of 10 credit hours of upper-level transfer course work may be used in the student's program of study. Upper level course work completed more than five years prior to the beginning of continuous enrollment at UNF may not be applied toward the program unless validated. Continuous enrollment is defined as enrollment as a degree-seeking student and completion of one or more courses per term without a break of three consecutive terms.

Concurrent Coursework

Once a student is admitted to UNF, the student may not complete course work at another institution for transfer to UNF without a School advisor's approval and completion of a Concurrent Enrollment Form with proper authorizations prior to starting the transfer courses. It is expected that once a student enrolls in the College of Computing, Engineering and Construction, he/she will complete all prerequisite and major courses at UNF.

Concurrent enrollment at another college or university is not allowed during a student's graduating semester.

Directed Independent Study

No more than six credit hours of directed independent study may be applied to a student's program of study. A maximum of three credit hours with the same Computing faculty member is allowed. All directed independent study proposals must be approved by the director of the School.

Experiential Learning (Co-op)

No more than six credit hours of experiential learning (co-op) credit may be applied to a student's program of study. All co-op proposals must be approved by the director of the School. No more than 3 credit hours of experiential studies may be used to satisfy major or minor electives.

Satisfactory Progress Policy

The School of Computing enforces a "one repeat" rule for all prerequisite and core courses offered taught by the School for its major programs. Students who do not successfully complete a prerequisite or core requirement for a School of Computing course on the first attempt (i.e. earn a grade of D, F, W) will be granted one chance to repeat the course. Students who do not successfully complete a prerequisite or a required course within two attempts will not be permitted to register for courses offered by the School in future semesters. This stipulation applies whether or not the student has declared a major in a School of Computing program.

Probation/Suspension Policy

An undergraduate student who fails to earn a cumulative or term GPA of 2.0 after attempting a cumulative total of 12 or more credit hours will be placed on academic probation. Academic probation is a warning. If both the term and cumulative GPA fall below 2.0 during the next term of enrollment, the student will be eligible for suspension. The School of Computing Suspension Review Committee (SRC) will determine the action to be taken in each case. If suspended, the student will be dropped from any courses currently registered and denied the opportunity to re-enroll. The duration of suspension varies in accordance with recommendations of the SRC. At a minimum, if suspended the student is not allowed to take coursework for one semester.

A suspended student who desires to be reinstated to the School must submit a Suspension Appeal to the School of Computing. The request must be received at least two weeks prior to the University's admission deadline for the term the student intends to return. The Suspension Appeal can be obtained from the School of Computing Canvas page. The SRC meets once a term to review requests. Recommendations of the SRC are submitted to the School director for final decision.

Honors in Computing

The Honors Program at UNF is designed for the student who is intellectually mature and seeks the challenge of academic work different from the traditional course of study. It offers students a close collegial relationship with the University's top professors and with each other. There are two types of honors programs at the University of North Florida. The first is a lower-level program open to freshmen and sophomores offered by the Hicks Honors College. The second is the "Honors in the Major" program open to students in the School of Computing. A student does not have to be in the lower level Hicks Honors College to enroll in the "Honors in Computing" program. The "Honors in Computing" program offers two tracks in Leadership and Research and special recognition on the student's transcript. The Leadership track requires a minimum of 90 leadership hours and the research track requires a minimum of 60 leadership hours and completing six credits of CIS4910 Computing Honors Research.

Admission is competitive and limited to students with a cumulative GPA of 3.2 or better. More information on additional admission requirements and procedures for applying to the program can be obtained from a School of Computing Academic Advisor.

Accelerated Computing BS-MS Program

The School of Computing offers a unique opportunity for qualified students to seek both the bachelor and master's degrees in an accelerated program of study for all its programs. Qualified students will be able to take six credits of graduate-level courses as part of their undergraduate studies, which will also apply toward their future graduate studies. Interested and qualified students must submit an application for the accelerated program to the School of Computing to the registration period of the term in which the student wishes to register for a graduate level course. It is highly recommended that students interested in the accelerated program meet with an advisor to learn how the program may affect financial aid and tuition rates.

Programs

AI for Business, Certificate (CU)
AI for Construction, Certificate (CU)
AI for Engineers, Certificate (CU)
Computing & Information Sciences, BS
Computing & Information Sciences, MS
Computing, Minor
Computing, PhD
Computer Science, BS
Information Science, BS
Information Systems, BS
Information Technology, BS

Courses

CAI4105 - Machine Learning
CAI5005 - AI for All
CAI6706 - AI and Machine Learning in Finance
CAP3784 - Introduction to Data Analytics
CAP4052 - Game Development
CAP4630 - Introduction to Artificial Intelligence
CAP4767 - Text Mining and Information Retrieval
CAP4770 - Data Mining
CAP4922 - Data Science Capstone Project
CAP5605 - Introduction to Artificial Intelligence
CAP6100 - User Experience Design
CAP6610 - Machine Learning
CAP6635 - Advanced Artificial Intelligence
CAP6768 - Data Analytics
CAP6776 - Information Retrieval and Text Mining
CAP6777 - Data Mining
CDA3100 - Computer Architecture and Organization
CDA4010 - User Interface Design
CEN4010 - Software Engineering
CEN4083 - Introduction to Cloud Computing
CEN4360 - Mobile Apps Development
CEN6001 - Software Requirements Engineering
CEN6016 - Engineering of Software
CEN6017 - Engineering of Software II
CEN6036 - Software Architecture
CEN6070 - Software Quality Assurance and Testing
CEN6079 - Secure Software Development
CEN6086 - Cloud Computing
CEN6940 - Computing Practicum
CGS1100 - Computer Applications for Business
CGS1930 - STEM LLC Seminar
CIS2935 - Honors Special Topics in Computer and Information Sciences
CIS3253 - (GW) Legal and Ethical Issues in Computing
CIS3526 - IT Project Management
CIS3949 - Experiential Studies in Computing
CIS4100 - System Performance and Evaluation
CIS4325 - Introduction to Systems Administration
CIS4327 - Information Systems Senior Project I
CIS4328 - Information Systems Senior Project II
CIS4360 - Introduction to Computer Security
CIS4362 - Computer Cryptography
CIS4364 - Intrusion Detection
CIS4365 - Computer Security Policies and Disaster Preparedness
CIS4366 - Computer Forensics
CIS4618 - Expert Systems and Decision Support
CIS4900 - Directed Independent Study
CIS4910 - Computing Honors Research
CIS4930 - Special Topics in Computer and Information Sciences
CIS4955 - Computing Honors
CIS5930 - Special Topics in Computer and Information Sciences
CIS5935 - Seminar
CIS5949 - Experiential Studies in Computing
CIS6371 - Applied Cryptography
CIS6372 - Information Assurance
CIS6900 - Directed Individual Study
CIS6913 - Research Methods in Computing
CIS6917 - Research Experiences I
CIS6918 - Research Experiences II
CIS6930 - Special Topics in Computer and Information Sciences
CIS6935 - Seminar
CIS6970 - Thesis
CIS7931 - Computing Research Seminar
CIS7932 - Emerging Topics in Cybersecurity
CIS7934 - Emerging Topics in Intelligent Systems
CIS7980 - Dissertation Research
CNT4406 - Network Security and Management
CNT4504 - Computer Networks
CNT5505 - Computer Networks and Distributed Processing
CNT6130 - Software Defined Networking
CNT6167 - Internet of Things
CNT6407 - Internet Security
CNT6519 - Wireless Network Security
CNT6707 - Network Architecture and Client/Server Computing
CNT6730 - Advanced Computer Networks
COP2220 - Programming I
COP2551 - Introduction to Object Oriented Programming
COP3045 - Introduction to Python Programming
COP3331 - Object-Oriented Programming in Java/JavaScript
COP3404 - Systems Programming
COP3503 - Programming II
COP3530 - Data Structures
COP3703 - Introduction to Databases
COP3813 - Internet Programming
COP3855 - Web Systems Development
COP4610 - Operating Systems
COP4620 - Construction of Language Translators
COP4640 - Operating Systems Environments
COP4854 - Web Frameworks
COP5615 - Operating Systems
COP6284 - Programming for Data Science
COP6616 - Parallel Computing
COT3100 - Computational Structures
COT3210 - Theory of Computation
COT4111 - Computational Structures II
COT4400 - Algorithms
COT4461 - Computational Biology
COT4560 - Applied Graph Theory
COT6405 - Design and Analysis of Algorithms
COT6416 - Computational Complexity
IDC2000 - The Beauty and Joy of Computing
IDC2002 - AI for All

Civil Engineering Department

School of Engineering

Alan Harris, Ph.D., Associate Professor & Director, School of Engineering
(904) 620-1390; Fax (904) 620-1391

Civil Engineering Program

Civil Engineers design the built environment - the structures, roads, water supply systems, and much more - that surrounds us. The profession is broad and encompasses several technical areas including structures, transportation, geotechnics, water resources, coastal, and environmental protection. Employment opportunities are plentiful in design, construction, management, teaching and research. Employers include consulting firms, industrial companies, and government agencies and non-governmental organizations. Civil Engineering at UNF offers an ABET accredited BS degree, as well as Master's degrees. Our alumni find success in top tier companies and graduate schools across the country.

Accreditation

The BS degree in Civil Engineering is accredited by the Engineering Accreditation Commission of ABET.

Academic Programs:

- BS Degree Civil Engineering
- MS Degree Civil Engineering
- MS Degree Coastal and Port Engineering

Civil Engineering Faculty

Christopher Brown, Ph.D., P.E., Professor

William Dally, Ph.D., P.E., Professor

Adel El-Safty, Ph.D., P.E., Professor

Ryan Shamet, PhD., P.E., Assistant Professor

Thobias Sando, Ph.D., P.E., Professor

Raphael Crowley, Ph.D., P.E., Professor

Cigdem Akan, Ph.D., Associate Professor

Ramin Shabanpour, PhD., Assistant Professor

Programs

Civil Engineering, BS
Civil Engineering, MSCE
Coastal and Port Engineering, MSCE

Courses

CEG3011C - Geotechnical Engineering
CEG4101 - Analysis and Design of Foundation Systems
CEG4104 - Analysis and Design of Earth Retaining Systems
CEG4302 - Applied Engineering Geology
CEG6118 - Advanced Foundation Engineering
CEG6304 - Applied Engineering Geology
CEG6320 - Drilled Shaft Foundations in Rock
CEG6515 - Slope Stability
CEG6806 - Ground and Site Improvement
CES3100 - Analysis of Structures
CES3104 - Mechanics of Materials
CES3605 - Design Of Steel Structures
CES4102 - Matrix Structural Analysis
CES4321 - Introduction to Bridge Engineering
CES4702C - Design of Reinforced Concrete
CES4711 - Prestressed Concrete
CES4844 - Repair of Structures
CES6144 - Matrix Structural Analysis
CES6715 - Prestressed Concrete
CGN3322C - Civil Engineering Geomatics
CGN3501C - Civil Engineering Materials
CGN4151 - Engineering Management
CGN4430 - Risk Assessment
CGN4803 - Senior Capstone Design I
CGN4804 - Senior Capstone Design II
CGN4824 - Principles of Land Development
CGN4905 - Directed Individual Study
CGN4911 - Supervised Undergraduate Research
CGN4931 - Special Topics in Civil Engineering
CGN4935 - FE Exam Review Seminar
CGN4949 - Civil Engineering Internship
CGN4955 - Civil Engineering Study Abroad
CGN5010 - Math Methods for Engineers
CGN5320 - Advanced GIS Applications in Civil Engineering
CGN5932 - Special Topics in Civil Engineering
CGN6125 - Legal Considerations in Engineering and Construction
CGN6335 - Advanced Oceanography & Meteorology
CGN6406 - Risk Assessment
CGN6900 - Supervised Graduate Research
CGN6901 - Directed Independent Study
CGN6933 - Special Topics in Civil Engineering
CGN6949 - Civil Engineering Graduate Internship
CGN6955 - Civil Engineering Study Abroad
CGN6970 - Civil Engineering Master's Thesis
CWR3201 - Fluid Mechanics
CWR3561 - Numerical Methods and Computing in Civil and Coastal Engineering
CWR4001 - Introduction to Coastal and Port Engineering
CWR4006 - Coastal Processes
CWR4009 - Oceanography/ Meteorology
CWR4010 - Field Methods
CWR4024 - Coastal & Estuarine Hydrodynamics
CWR4121 - Groundwater Flow and Containment Transport
CWR4202C - Hydraulic Engineering
CWR4514 - Computational Fluid Dynamics
CWR4550 - Water Wave Mechanics
CWR4600 - Major River Systems of Florida

CWR6007 - Coastal Processes
CWR6008 - Introduction to Coastal and Port Engineering
CWR6015 - Advanced Field Methods
CWR6025 - Water Wave Mechanics
CWR6026 - Nonlinear Waves
CWR6128 - Advanced Groundwater Flow and Contaminant Transport
CWR6236 - River Engineering and Sediment Transport
CWR6241 - Sediment Transport
CWR6285 - Turbulence
CWR6305 - Stormwater Management
CWR6526 - Computational Fluid Dynamics
CWR6531 - Numerical Modeling of Coastal Systems
CWR6545 - Water Resources Systems
CWR6560 - Advanced Numerical Modeling of Coastal Systems
CWR6605 - Major River Systems of Florida
CWR6820 - Coastal Structures
CWR6824 - Coastal and Estuarine Hydrodynamics
CWR6830 - Port and Harbor Engineering
EGN3311 - Statics
EGN6456 - Advanced Engineering Analysis
EGN6457 - Advanced Research Methods for Engineers
ENV3001C - Environmental Engineering
ENV4012 - Advanced Environmental Engineering
ENV6510 - Aquatic Chemical Processes
ENV6511 - Biological Treatment Systems in Environmental Engineering
ENV6519 - Physical/Chemical Treatment Systems in Environmental Engineering
ENV6640 - Design of Water Quality Management Facilities
TTE4004 - Transportation Engineering
TTE4106 - Transportation Planning
TTE4201 - Advanced Transportation Engineering
TTE4203 - Highway Geometric Design
TTE4276 - Intelligent Transportation Systems
TTE4314 - Traffic Operations
TTE6205 - Operational Analysis of Transportation Facilities
TTE6255 - Traffic Signal Systems
TTE6272 - Intelligent Transportation Systems
TTE6315 - Highway Safety Analysis
TTE6607 - Transportation Demand Analysis
TTE6805 - Advanced Highway Geometric Design

Mechanical Engineering Department

School of Engineering

Alan Harris, Ph.D., Associate Professor & Director, School of Engineering
(904) 620-1390; Fax (904) 620-1391

Mechanical Engineering Program

Mechanical Engineering (ME) is concerned with energy and its transformations and the design of objects and structures that move. Mechanical engineers are responsible for conceiving, designing, modelling, manufacturing, testing, and marketing devices such as engines and energy systems, machines and robotics among countless other devices. Typical careers involve product design, development, manufacturing, sales, management, teaching, and research. Mechanical Engineering at UNF offers an ABET accredited BS degree, as well as Master's degrees. Our alumni find success in top tier companies and graduate schools across the country.

Accreditation

The BS Degree in Mechanical Engineering is accredited by the Engineering Accreditation Commission of ABET.

Academic Programs:

- BS Degree Mechanical Engineering
- MS Degree Mechanical Engineering

Mechanical Engineering Faculty

Osama Jadaan, PhD., Professor

Paul D. Eason, Ph.D., P.E., Professor and Associate Dean

Alexandra Schönning, Ph.D., Professor

James H. Fletcher, Ph.D., Associate Professor

John Nuszkowski, Ph.D., Associate Professor

Grant Bevill, Ph.D., P.E., Associate Professor

Jutima Simsiriwong, Ph.D., Associate Professor

Brooke Sanford, PhD., Instructor

Steve Andrepont, M.S., Instructor and Fabrication Lab Manager

Programs

Advanced Manufacturing Engineering, BS
Mechanical Engineering, BS
Mechanical Engineering, MSME
Materials Science & Engineering, MS

Courses

BME4211 - Mechanics of the Human Body
BME4212 - Movement Analysis in Biomechanics
BME4745C - Modeling in Biomechanics
BME4910C - Research in Biomechanics
EGN1001C - Introduction to Engineering I
EGN3203 - Modern Computational Methods
EGN3321 - Dynamics
EGN3331 - Strength of Materials
EGN4042 - Problem Solving and Continuous Improvement Methods for Engineers
EGN6333 - Advanced Mechanics of Materials
EGS3065 - Professional Issues in Engineering
EIN3003 - Fundamentals of Industrial Engineering
EIN3304 - Thermofluids for Manufacturing
EIN3390 - Materials Processing
EIN3621 - Computer Aided Manufacturing
EIN3800 - Subtractive Manufacturing
EIN3800L - Subtractive Manufacturing Laboratory

EIN3801 - Additive and Netshape Manufacturing
EIN3801L - Additive and Netshape Manufacturing Laboratory
EIN4519 - Manufacturing Systems Integration
EIN4602C - Control of Machinery for Manufacturing
EIN4930 - Special Topics in Manufacturing Engineering
EIN4949 - Advanced Manufacturing Internship
EMA3010 - Introduction to Materials Science and Engineering
EMA4502 - Materials Characterization
EMA4704 - Materials Selection
EMA4930 - Special Topics in Materials Engineering
EML3015 - Fluids
EML3100 - Thermodynamics I
EML3101 - Thermodynamics II
EML3535C - Modern Engineering CAD
EML4004L - Thermal Sciences Laboratory II
EML4126 - Transport Phenomena
EML4140 - Heat Transfer
EML4301C - Control of Machinery
EML4304L - Thermal Sciences Laboratory I
EML4312 - Modeling and Analysis of Dynamic Systems
EML4320C - Integrated Design and Manufacturing
EML4328C - Applied Programmable Logic Controllers for ME
EML4421 - Internal Combustion Engines
EML4501 - Machine Design
EML4507C - Finite Element Model/Analysis
EML4541 - Design Against Mechanical Failure
EML4544 - Materials and Handling I
EML4551 - Senior Capstone Design I
EML4552 - Senior Capstone Design II
EML4622 - Clean and Renewable Energy Technology
EML4806 - Robotics Engineering
EML4905 - Directed Individual Study
EML4911 - Supervised Undergraduate Research
EML4930 - Special Topics in Mechanical Engineering
EML4949 - Mechanical Engineering Internship
EML4950C - Formula Race Car
EML5131 - Combustion Phenomena
EML5808 - Robotics Engineering II
EML5932 - Special Topics in Mechanical Engineering
EML6311 - Modern Control Engineering
EML6508 - Finite Element Modeling and Analysis
EML6900 - Supervised Graduate Research
EML6901 - Directed Independent Study
EML6910 - Fundamental Graduate Research in Mechanical Engineering
EML6912 - Intermediate Graduate Research in Mechanical Engineering
EML6933 - Special Topics in Mechanical Engineering
EML6972 - Mechanical Engineering Master's Thesis
ESI4221C - Quality Assurance and Quality Control

Electrical Engineering Department

School of Engineering

Alan Harris, Ph.D., Associate Professor & Director, School of Engineering
(904) 620-1390; Fax (904) 620-1391

Electrical Engineering Program

Electrical engineers harness electrical energy for the benefit of humankind. The profession is broad and encompasses areas from communications to electric power and energy use to those for our current "Information Age." Employment opportunities range over product design, development, manufacturing, sales, management, teaching, and research. Employers include industrial companies, consulting firms, and government agencies and non-governmental organizations. Electrical Engineering at UNF offers an ABET accredited BS degree, as well as Master's degrees. Our alumni find success in top tier companies and graduate schools across the country.

Accreditation

The BS Degree in Electrical Engineering is accredited by the Engineering Accreditation Commission of ABET.

Academic Programs:

- BS Degree Electrical Engineering
- MS Degree Electrical Engineering

Electrical Engineering Faculty

Juan Aceros, Ph.D., Associate Professor

Alan Harris, Ph.D., Associate Professor

O. Patrick Kreidl, Ph.D., Professor

Touria El Mezyani, Ph.D., Assistant Professor

Hemani Kaushal, Ph.D., Assistant Professor

Mona Nasseri, PhD., Assistant Professor

Programs

Biomedical Engineering, Minor
Electrical Engineering, BSEE
Electrical Engineering, MSEE

Courses

EEE3308 - Microelectronics I
EEE4200C - Biomedical Instrumentation and Systems Design
EEE4214 - Biomedical Imaging
EEE4284 - Biomedical Signal Processing
EEE4290C - Biomedical Engineering Research Methods
EEE4309 - Microelectronics II
EEE4309L - Electronics Lab
EEE6508 - Advanced Topics in Signal Processing
EEL3013 - Modeling and Simulation in Electrical Engineering
EEL3111 - Circuit Analysis I
EEL3112 - Circuit Analysis II
EEL3117L - Electrical Circuits Laboratory
EEL3135 - Signals and Systems
EEL3216 - Introduction to Power Systems
EEL3472 - Electromagnetic Fields and Applications
EEL3701 - Introduction to Digital Systems
EEL3701L - Introduction to Digital Systems Lab
EEL4081 - Topics on Rehabilitation Engineering

EEL4220 - Electric Machines
EEL4241 - Power Electronics
EEL4283 - Introduction to Renewable Energy
EEL4440 - Optical Fiber Communications
EEL4445 - Machine Vision
EEL4514 - Communication Systems
EEL4514L - Analog and Digital Communications Laboratory
EEL4580 - Wireless and Mobile Communications
EEL4610 - State-Space Control Systems
EEL4657 - Linear Control Systems
EEL4657L - Linear Control Systems Lab
EEL4712 - Digital Design
EEL4712L - Digital Design Lab
EEL4713C - Introduction to Instrumentation
EEL4744C - Microcontroller Applications
EEL4750 - Introduction to Digital Signal Processing
EEL4750L - Digital Signal Processing Laboratory
EEL4829 - Digital Image Processing
EEL4905 - Undergraduate Supervised Research
EEL4906 - Directed Independent Studies
EEL4914 - Senior Capstone Design I
EEL4915 - Senior Capstone Design II
EEL4930 - Special Topics in Electrical Engineering
EEL4931 - Special Topics in Electrical Engineering
EEL4949 - Electrical Engineering Internship
EEL4955 - Electrical Engineering Study Abroad
EEL5563 - Fiber Optics
EEL5613 - State Space Control Systems
EEL5820 - Digital Image Processing
EEL5934 - Special Topics in Electrical Engineering
EEL6901 - Directed Independent Study
EEL6935 - Special Topics in Electrical Engineering
EEL6970 - Master's Thesis Proposal Development
EEL6971 - Master's Thesis Proposal Defense
EEL6972 - Master's Thesis
ETS4543C - Applied Programmable Logic Controllers

Construction Management Department

Construction Management Department

Chair: Dan Koo, Ph.D.
Location: Skinner Jones Hall North (Building 4)
Construction Management, Room 1202

Mission

The mission of the Department of Construction Management is to educate and develop construction professionals with a global perspective through a rigorous, relevant, and accredited degree program offered by faculty devoted to excellence in teaching, scholarly activities, service projects, community involvement and ethical standards.

Values

We believe that excellence in teaching, research, community service projects, and an active working relationship with our industry is essential to the development of successful construction professionals.

The Faculty profess that effective construction education:

1. Provides opportunities for transformational learning activities, such as internships, service learning, and robust engagement with our industry.
2. Emphasizes career development and placement opportunities.
3. Requires interaction between faculty, students, and industry inside and outside the classroom.

Degree Program Objectives

1. Maintain ACCE accreditation
2. Increase enrollment to 400 undergraduate students by 2028
3. Increase enrollment to 50 graduate students by 2028
4. Place over 90% of undergraduate students in construction jobs within six months of graduation
5. Increase scholarly activities and research performance by faculty members
6. Increase participation in the professional student chapters and clubs
7. Increase participation in regional and national student competitions

Accreditation

The Construction Management Program is accredited by the American Council for Construction Education (ACCE).

Admission

Minimum requirements for admission into the Building Construction Degree Program:

1. Admission to the University of North Florida.
2. Choose Building Construction as a Major.
3. Minimum of 2.0 GPA.
4. Out of state transfer students and students without a State of Florida A.A. degree may be required to take additional general education classes to fulfill UNF general education requirements.

Students will be admitted before all prerequisites have been completed. However, students must complete all lower-level prerequisites before any upper-level coursework may be attempted.*

*Students are allowed a one term exception to register for upper-level construction classes if registered for final prerequisite classes to fill up their schedule. All prerequisite classes must be completed in the exception term to continue taking upper-level construction courses.

Academic Advising

The Construction Management Department provides individualized academic advisement to all its students. Students interested in the Construction Management major are required to meet with an academic advisor to:

1. Evaluate the student's course work to determine whether prerequisites for the major have been met and
2. Plan a program of study for the student to follow.

Students are encouraged to make an advising appointment as early as possible to develop their program of study. This will enable them to progress in an efficient manner toward the completion of a degree.

Internship

All Construction Management students are required to take a 200 hour one-semester internship. Students may elect to complete a second internship to replace one of the construction elective class requirements. Upon approval, students may elect to take an additional construction elective class to replace the internship requirement.

Sponsored CM Scholarships

- American Concrete Institute Florida First Coast Chapter Scholarship (ACI)
- American Electrical Contracting Scholarship
- American Society of Highway Engineers (ASHE) Scholarship
- Design-Build Institute of America (DBIA) and American Society of Highway Engineers (ASHE) Scholarship
- Elkins Constructors, Inc. Endowed Scholarship
- Giordano Family Construction Scholarship
- The Haskell Company Scholarship
- Tiwari Family Scholarship
- JB Coxwell Construction Scholarship
- LandSouth Construction Scholarship
- Marietta Sand Corporation Scholarship
- Miller Electric Company Annual Scholarship
- Society of American Military Engineers (SAME) Scholarship
- Stellar Group Scholarship
- Charles Perry Partners Construction Scholarship
- Cobb & Gonzales Construction Scholarship
- Construction Specialists of North Florida Scholarship
- CREW Jacksonville Commercial Construction Scholarship
- Live Oak Contracting Scholarship
- Vestcor Construction Scholarship
- Whiting-Turner Contracting Scholarship
- Dr. James Sorce Construction Management Scholarship

Graduation Requirements

The following are minimum requirements for the Bachelor of Science degree:

- A minimum of 120 credit hours for the four-year program, which includes general education requirements plus the prerequisite and required courses;
- Completion of the prerequisite and core requirements listed below with a grade of "C" or better in each course;
- Satisfactory completion of the general education program, prerequisites; and
- At least 30 upper-level credit hours in residence at UNF.

Students taking classes at other institutions during their graduation term may have their graduation delayed due to transcript timing issues.

All students prior to graduation must:

1. Complete a departmental exit survey.
2. Apply for graduation in MyWings before deadline.

Check the UNF Commencement website for information on graduation application deadlines.

See website for graduation application deadlines

Construction Management Faculty

Dan Koo, Ph.D., P.E., Professor & Chair

Aiyin Jiang, Ph.D., Professor

Jonghoon Kim, Ph.D., Associate Professor

Vamsi Kalasapudi, Assistant Professor

Andrew Barnes, Ph.D., Assistant Professor

Navid Nickdoost, Ph,D., Assistant Professor

Michele Lamarsh, M.S., Instructor

Tamara Baker, Ph.D., P.E., Visiting Assistant Professor

Department Location:

Skinner Jones Hall Building (Bldg 4), Room 1202
Department Phone: (904) 620-2683
Fax number: (904) 620-2573
Advising Phone: (904) 620-7836

Programs

BCM International, Certificate (CU)
Building Construction, BS
Construction Management, MS
Construction Management, Minor

Courses

BCN1005C - Introduction to Construction Management
BCN1210C - Construction Materials
BCN1251 - Construction Drawing
BCN2280C - Surveying: Construction Layout
BCN2405 - Introduction to Structures
BCN3012 - History and Introduction to Construction
BCN3223C - Soils and Foundations
BCN3224 - Construction Techniques
BCN3578 - Maritime Construction
BCN3611C - Construction Cost Estimating
BCN3762 - Building Construction Design and Codes
BCN3782C - Introduction to Construction Computing
BCN4240 - Construction Equipment
BCN4302 - Building Information Modeling
BCN4431 - Structural Systems
BCN4587C - Green Construction and Sustainability
BCN4591C - Mechanical and Electrical Systems
BCN4612 - Advanced Construction Estimating
BCN4708 - Construction Documents and Contracts
BCN4709 - Construction Project Management Capstone
BCN4711 - Construction Labor Resources
BCN4713 - International Construction
BCN4720 - Construction Project Planning and Scheduling
BCN4730 - Construction Safety
BCN4751C - Housing and Land Development
BCN4753 - Construction Finance and Cost Controls
BCN4758 - Advanced Residential Construction
BCN4870C - Heavy Civil Construction
BCN4900 - Directed Individual Study
BCN4930 - Special Topics in Construction Management
BCN4944 - Construction Management Internship
BCN4956 - Study Abroad in Construction Management
BCN5036 - Research Methods in Construction
BCN5725 - Construction Project Management
BCN5737 - Advanced Issues in Construction Safety and Health
BCN6305 - Building Information Modeling
BCN6315 - Advanced Construction Technology
BCN6470 - Production Management in Construction
BCN6585 - Sustainability in Construction
BCN6595 - Environmental Issues in Land Development and Construction
BCN6618 - Construction Estimating
BCN6715 - Construction Labor Resources
BCN6728 - Construction Planning and Scheduling
BCN6748 - Construction Law
BCN6763 - Constructability
BCN6770 - Advanced Topics in Construction Management
BCN6900 - Directed Independent Studies
BCN6933 - Special Topics in Construction Management
BCN6949 - Construction Management Practicum
BCN6970 - Masters Thesis Research

All Programs

Honors in the Major Accounting

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

- Must have an Accounting GPA at UNF of 3.5.
- Must be a member of any Accounting Honor Societies that the Department of Accounting and Finance recognizes.
- Must complete at least 2 of the following five activities:
  - ACG4956: Study Abroad in Accounting or spend a Semester Abroad through the Coggin College of Business.
  - ACG4941: Accounting Internship.
  - ACG4901: Directed Independent Study in Accounting.
  - Serving as an Accounting Supplemental Instructor for at least 1 semester.
  - An Honors thesis in Accounting (this may count for two activities if it is 6 credit hours).

Program Details

Description
Honors in the Major Accounting

Honors in the Major Art History

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Honors in the Major in Art History is available by application or by invitation to advanced students in the major who seek to pursue the challenge of original research in the discipline. This program is recommended to those students who plan to pursue a graduate degree in Art History.

Admissions and Requirements Criteria

To earn Honor in the Major in Art History, students whose applications are approved (or accept the program invitation) must:

1. fulfill the requirement of the major with a 3.2 GPA in their major courses
2. successfully complete 14 credit hours (the beginning and intermediate sequences) of a foreign language (prefixes include: CHI, FRE, GER, and SPN)
3. successfully complete Art History Practicum and Honors Thesis project in ARH Senior Research Seminar and present their research at a conference, such as SOARS, SECAC (Southeastern College Art Conference), or other avenues for presentation.

Students who complete these requirements will have Honors in the Major noted on their transcript and diploma. For further information, please contact Art History Honors in the Major faculty mentors.

Program Details

Description
Honors in the Major Art History

Honors in the Major Biology

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Biology majors must maintain a cumulative GPA of 3.5 or higher. Once in the program, to successfully complete this upper-level Honors track, students must complete 8 hours of research coursework.

Program Details

Description
Honors in the Major Biology

Honors in the Major Business Management

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

- Be a CCB Business Management Major.
- Must have an upper level courses GPA of 3.5 or higher
- Must complete two of the following seven activities:
    1. Internship in Management (MAN 4940 HR Mgt, MAN 4942 General Mgt)
    2. SI for Leaders - Supplemental Instructor for Management
    3. Study abroad in management – MAN 4956, or any MAN Study Abroad
    4. Management Club Officer (SHRM or Entrepreneurship or other clubs if added)
    5. Peer to Career Mentor
    6. Executive Mentor Program
    7. SOARS – Research Project and Presentation (could be from DIS also)

Program Details

Description
Honors in the Major Business Management

Honors in the Major Chemistry

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Honors in the Major in Chemistry is available by application (or invitation from faculty) to advanced students who have demonstrated a commitment to chemical research (at least four hours) and seek the challenge of continued chemical research by completion of an additional three to four hours of research involving an honors thesis. These additional hours may be demonstrated by completion of CHM4911 or equivalent work (e.g., summer research via award or grant funding) as judged by the research mentor. This program is especially recommended to students who are considering furthering their studies with graduate work or fields of employment where experience on a sustained academic project would be beneficial.

Admissions and Requirements Criteria

To earn Honors in the Major in Chemistry, students whose applications are approved must fulfill the requirements of the major with a 3.3 GPA in their major courses as well as a cumulative 3.0 GPA. Students must also satisfactorily complete an honors thesis (written report with a complete set of data) under the direction of a faculty advisor that is independently reviewed by another faculty. Students must present the project at a conference such as SOARS, FAME, or ACS national conference. The student must demonstrate mastery of laboratory practices (e.g., notebook, safety, ethics) as well. Students who complete these requirements will have Honors

in the Major noted on the transcript and diploma. For further information and/or an application form, please contact the Chemistry and Biochemistry Department Chairperson.

Program Details

Description
Honors in the Major Chemistry

Honors in the Major Computing

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Honors in Computing program gives high-achieving students of the School of Computing the opportunity to participate in distinguished research and leadership experiences while working closely with the School faculty. Both experiences are highly valued by graduate programs and employers. Student transcripts will reflect their Honors in Computing conferral.

Admissions and Requirements Criteria

Enrollment Eligibility

- Enrollment in a major offered by the School of Computing
- Overall passed credits between 30 and 90 (inclusive)
- Overall GPA of 3.2 or higher
- No record of student or academic misconduct

Enrollment Process

- Eligible students will be invited to join the Honors in Computing program.
- Invitees need to submit an enrollment application by the deadline noted in the invitation.
- Applicants need to attend the Honors in Computing mandatory orientation.
- Program students need to enroll in Pass/Fail zero credits CIS4255 Computing Honors course every fall and spring semester (no tuition).
- Program students need to submit an end of semester report documenting how they fulfilled the program's requirements for the semester. The report is due before the finals week of the semester. Submitting the report by the deadline and fulfilling the semester requirements are necessary for receiving a Pass grade in CIS4255 Computing Honors.
- Leadership hours have to be approved by the Computing faculty sponsor using pre-post activity reporting. Highest quality contributions are always expected.

Expectations

- Continuous enrollment in the Honors in Computing program, excluding summers
- Receiving a Pass grade in CIS4255 Computing Honors each semester
- Receiving a final overall GPA of 3.2 or higher, after fulfilling all the degree requirements
- Fulfilling the requirements of the Research track or the Leadership track

Research Track Requirements

- A total of at least 60 leadership hours
- No fewer than 15 leadership hours per semester, excluding summers
- A total of 6 credits of CIS4910 Computing Honors Research under the supervision of one of the School of Computing faculty. Summer enrollments may be allowed with supervisor's permission. Note: CIS4910 Computing Honors Research credits may count toward major credits.
- Submission of a scholarly publication to a high-quality, research-oriented, technical conference or journal

Leadership Track Requirements

- A total of at least 90 leadership hours.
- No fewer than 15 leadership hours per semester, excluding summers.

Qualifying Leadership Activity Categories
The following leadership activity categories are approved by the School of Computing. Additional categories may be added after the School's faculty review and approval.

- Computing student clubs
- Outreach
- School of Computing Events

Program Details

Description
Honors in the Major Computing

Honors in the Major Criminal Justice

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Outstanding criminal justice majors who are interested in graduating with the designation of "Honors in Criminal Justice" may apply for admission to the Criminal Justice Honors Program. Application should be made two semesters prior to graduation.

Admission requirements:

- Criminal Justice majors must maintain a cumulative GPA of 3.67 or higher.
- Junior or senior standing
- Completion of CCJ3603 and SYA3300
- A letter of application to the Criminal Justice faculty, including a discussion of career plans and proposed research to be conducted for the Honors research project, and securing sponsorship of a member of the Criminal Justice faculty to serve as the supervisor of the Honors research project.

Once in the program, to successfully complete this upper-level Honors track, students must complete 8 hours of research coursework.

Program Details

Description
Honors in the Major Criminal Justice

Honors in the Major Early Childhood

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Honors in the Major in Early Childhood is available by application to advanced students in the major who seek the challenge of completing a service learning/inquiry/research project during their student teaching internship or practicum or a research course with a faculty member during their junior or senior year. This program is especially recommended for students who are interested in pursuing graduate work or advanced study.

Admissions and Requirements Criteria

To earn Honors in the Major, students with a minimum 3.2 GPA may apply at the end of the first semester of their junior year. If accepted into the program, students will need to complete the following requirements:

Choose 1 in consultation with the Early Childhood Program Area Leader:

- Attend a Hicks Honors College seminar
- Attend an academic speaker event hosted by a unit in the SCOEHS
- Attend an academic speaker hosted by another unit in or outside of the university

In addition, students must also do one of the following:

- Successfully complete a service-learning/inquiry project during their student teaching internship or practicum; or
- Complete an undergraduate inquiry or research course with an Early Childhood faculty member in Early Childhood or a related field who has an opportunity or project available. (Requires approval from the faculty member); or
- Participate in a study abroad with a focus in service learning or education, approved by the Early Childhood Program Area Leader.

Students who complete these requirements will have Honors in the Major noted on the transcript and diploma and a designated Honors in the Major graduation cord. For further information, please contact the Teaching, Learning, and Curriculum Department Chair, or the Early Childhood Program Area Leader.

Program Details

Description
Honors in the Major Early Childhood

Honors in the Major Economics

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

- Completion of at least 60 credit hours of college credit, including at least 12 graded upper-division hours at the University of North Florida
- A minimum of 3.5 GPA within the major
- A minimum of 3.2 GPA in all upper-division courses, regardless of Institution

Must complete the following requirements:
Upon admission to Honors in the Major, the student may be asked to complete IDH3922: Thesis Research Prospectus Colloquium (Optional): 1 hour

- ECO4903 Direct Independent Study Honors in Economics Research: 3 credit hours
- ECO4970 Direct Independent Study Honors in Economics Thesis: 3 credit hours
  - Prerequisite: ECO4903

Program Details

Description
Honors in the Major Economics

Honors in the Major Elementary Education (K-6)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Honors in the Major in Elementary Education (K-6) is available by application to advanced students in the major who seek the challenge of completing an action research project during their student teaching internship. This program is especially recommended for students who are interested in pursuing graduate work or who aspire to one day be teacher leaders in their schools.

Admissions and Requirements Criteria

To earn Honors in the Major, students with a minimum 3.2 GPA may apply at the end of the first semester of their junior year. If accepted into the program, students will need to complete the following requirements:

1. attend two of the following during the second semester of their junior year: a Hicks Honors College seminar, an academic speaker hosted by a unit in the COEHS, or an academic speaker hosted by another unit in or outside of the university with prior approval from the Elementary Education Curriculum Area Director,
2. enroll in the honors section of EDG 4442 Elementary Field Experience III in the first semester of their senior year. A grade of a "B" or better must be earned in all courses after being admitted to the Honors in a Major, and
3. successfully complete an action research and/or service-learning project during their student teaching internship.

Students who complete these requirements will have Honors in the Major noted on the transcript and diploma. For further information please contact the Teaching, Learning, and Curriculum Department Chair or the Elementary Education Curriculum Area Director or visit the SCOEHS Elementary Education Honors in the Major website.

Program Details

Description
Honors in the Major Elementary Education (K-6)

Honors in the Major English

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

English majors must have an overall UNF GPA of 3.4 (or higher) or be admitted at the chair's discretion. Once in the program, they must complete two experiences that fall within the following six categories:

- complete a research project, or a creative project, in a 3000- or 4000-level course with the prefix AML, CRW, DIG, ENC, ENG, ENL, FIL, LIT, THE, TPP, and present it in a public venue as part of a presentation that is not already a requirement of that course;*
- participate in a study-abroad trip led by a member of the UNF English or Foreign Languages and Cultures faculty or a semester-long experience involving upper-level coursework in English, either through a UNF exchange, a third-party provider, or direct enrollment at a foreign university;
- complete an internship for academic credit through the course DIG 4944 (Digital Humanities Internship), ENC 4940 (Writing Internship), FIL 4945 (Film Production Internship), or complete an independent research project supervised by a faculty member in the context of ENG 4930 (Directed Independent Study in English);
- complement the major in English with a minor in one of the following areas: African-American Diaspora, Creative Writing, Digital Humanities, Film, Literature, Writing Studies, Spanish, French, or Chinese;
- complete at least 40 hours of participation in leadership or service activities through involvement with the UNF chapter of Sigma Tau Delta (the International English Honor Society), Talon Review, Flock, EAT Poems, Swoop Troupe, or other on-campus clubs or community organizations and institutions;**

Additional options may be available in consultation with the Undergraduate Studies Coordinator of the Department of English.

Program Details

Description
Honors in the Major English

Honors in the Major Exercise Science

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Requirements for admission to Honors in the Major in Exercise Science are:

- completion of at least 60 credit hours of college credit, including at least 12 graded upper-division hours at the University of North Florida;
- at least 3.5 GPA within the major and at least 3.2 GPA in all upper-division courses regardless of Institution.

Honors in the Major in Exercise Science is awarded upon completion of an advanced Honors Thesis, and the completion of at least three but not more than six hours of Direct Independent Studies course work as determined by the student's honors thesis advisor and at least three but no more than 12 hours of Honors Thesis or Project works taken in Exercise Science.

In addition, the Department may (but is not required to) ask students to also complete IDH3922 - Thesis Research Prospectus Colloquium: 1 hour and/or IDH 3920 Thesis Symposium Colloquium: 1 hour.

Two courses were created to facilitate this request: APK 4912 Directed Independent Study-Honors in Exercise Science Research (3-6 Credits) and APK 4971 Directed Independent Study-Honors in Exercise Science Thesis (3-12 Credits).

Program Details

Description
Honors in the Major Exercise Science

Honors in the Major History

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Requires GPA of 3.33 in the major or A- or higher in HIS3051 or A- or higher in one 4000-level seminar for admission. Once admitted, students must complete a 5000-level history course and present a history project in a public academic forum.

Program Details

Description
Honors in the Major History

Honors in Interdisciplinary Studies

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Honors in the Major in the Bachelor of Arts in Interdisciplinary Studies is available by application to students who seek to enhance their undergraduate experience and document a high level of achievement in this interdisciplinary degree program.

Admissions and Requirements Criteria

To earn honors in Interdisciplinary Studies, students whose applications are approved must fulfill the requirements of the major with a 3.4 GPA in their major courses, must earn a minimum grade of B in IDS 3503 Introduction to Interdisciplinary Inquiry, and must complete at least three experiences that fall within the following categories:

- internships undertaken for academic credit through the Interdisciplinary Studies Program (or through other programs, pending approval by the director of Interdisciplinary Studies);
- study abroad experiences that entail at least 6 hours of academic credit (generally UNF semester-long exchanges or faculty-led summer semester programs);
- the IDS 4890 (1 credit capstone course, designed by the student)
- completion of a second major in any field; or
- research supervised by a faculty member in the context of a directed independent study (subject to the Interdisciplinary Studies Program's policy on directed independent studies).

A student may count multiple activities within any of the first three categories--in other words, a student could do multiple internships, qualifying study abroad experiences, or graduate-level courses where appropriate, as when a student is enrolled in an accelerated graduate degree program for a second major. Only one directed independent study will be counted, however.

Additional options may be available in consultation with the director of the Interdisciplinary Studies Program.

As most of the categories stated above involve an activity that bears at least three hours of credit, the minimum number of hours associated with Honors in the Major for Interdisciplinary Studies will generally be between seven and nine. In most cases, however, these will not represent additional hours, as internships, study abroad coursework, a capstone, or a directed independent study, if planned properly, can all count as elective coursework for the major.

A student who completes these requirements will have Honors in the Major noted on their transcript. Students cannot apply in their senior year; students must have approved programs of studies and be juniors by the time of their application. Since IDS 3503 is a requirement, students should try to complete this course before applying if possible.

For further information and/or to apply, please contact the director of the Interdisciplinary Studies Program.

Program Details

Description
Honors in the Major Interdisciplinary Studies

Honors in the Major International Business

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Students enrolled in this program will have to perform at a high academic level, complete a series of extracurricular activities, experience abroad and write a report to reflect on these many experiences. The Honors in the Major will provide an avenue for those students that go beyond what is expected for majors in International Business.

Admissions and Requirements Criteria

Students majoring in International Business will be eligible to graduate with Honors in the Major upon completion of the following requirements:

- Must have an overall GPA or UNF GPA (whichever is higher) of 3.4 or higher
- Students must either:
  - Spend at least one semester abroad at a partner University, or
  - Complete an IB internship abroad
- Coggin Delegation: students will complete at least two semesters of active participation in Coggin Delegation
- Self-reflecting document: students will produce a document where they will reflect on their intercultural experience both abroad and on campus. Students should provide evidence of these activities during their experience abroad and on campus.

Program Details

Description

Honors in the Major International Business

Honors in the Major International Studies

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Honors in the Major in the Bachelor of Arts in International Studies is available by application to students who seek to enhance their undergraduate experience and document a high level of achievement in this interdisciplinary degree program.

Admissions and Requirements Criteria

To earn honors in International Studies, students whose applications are approved must fulfill the requirements of the major with a 3.4 GPA in their major courses, must earn a minimum grade of B in INS4930 International Studies Senior Research Seminar, and must complete at least three experiences that fall within the following categories: 1) internships undertaken for academic credit through the International Studies Program (or through other programs, pending approval by the director of International Studies); 2) study abroad experiences that entail at least 6 hours of academic credit (generally UNF semester-long exchanges or faculty-led summer semester programs); 3) graduate-level courses, and 4) research supervised by a faculty member in the context of a directed independent study (subject to the International Studies Program's policy on directed independent studies).

A student may count multiple activities within any of the first three categories--in other words, a student could do multiple internships, qualifying study abroad experiences, or graduate-level courses. Only one directed independent study will be counted, however. Additional options may be available, in consultation with the director of the International Studies Program.

As each of the categories stated above involves an activity that bears at least three hours of credit, the minimum number of hours associated with Honors in the Major for International Studies will generally be nine. In most cases, however, these will not represent additional hours, as internships, study abroad coursework, directed independent studies, and relevant graduate-level coursework, if planned properly, can all count as elective coursework for the major. A student enrolled in an accelerated path from the Bachelor of Arts in International Studies into a UNF graduate program can count any graduate courses taken as part of that path toward this requirement, and in some cases, may fulfill the requirements stated herein by default through their participation in that accelerated path.

A student who completes these requirements will have Honors in the Major noted on their transcript and diploma. For further information and/or to apply, please contact the director of the International Studies Program. At the time of application, a student must have completed, or be currently enrolled in, INS3003 Introduction to International Studies.

Program Details

Description

Honors in the Major International Studies

Honors in the Major Marketing

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

- Must have an overall GPA or UNF GPA (whichever is higher) of 3.5 or higher.
- Be a CCB Marketing Major
- Earned a "B" or better in MAR3023: Principles of Marketing

Must complete the following requirement:

- Must have an overall GPA or UNF GPA of 3.5 or higher
- Earned a "B" or better in MAR3930: Selected Topics in Honors in Marketing (3 credits) OR MAR 4939: Professional Development Seminar (3 credits)
- Service requirements in an approved government or not-for-profit organization
- Approved Marketing Internship
- Must be an active member for at least two semesters of an active approved business club or society

Program Details

Description
Honors in the Major Marketing

Honors in the Major Mass Communication

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Mass Communication majors must maintain a cumulative GPA of 3.5 or higher. Once in the program, to successfully complete this upper-level Honors track, students must complete 8 hours of research coursework.

Program Details

Description
Honors in the Major Mass Communication

Honors in the Major Mathematics

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Math majors must maintain a cumulative GPA of 3.4 or higher. Once in the program, to successfully complete this upper-level Honors track, students must complete 8 hours of research coursework.

Program Details

Description
Honors in the Major Mathematics

Honors in Major Nursing

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Outstanding undergraduate nursing majors are eligible to apply for the Nursing Honors program. To be eligible, candidates must: 1. Have a nursing prerequisite GPA of 3.5 on admission to the School of Nursing; 2. Have completed the first semester nursing courses with a 3.5 GPA; 3. Maintain a 3.5 GPA in the nursing program; and 4. Apply for admission to the Honors in the Major: Nursing at least two semesters prior to graduation. Candidates are awarded the designation of "Honors in Nursing" at graduation, provided they have met their proposed Honors in Nursing plan successfully. In order to apply, candidates must write a letter to the Director of the School of Nursing that describes their interest; identifies a willing faculty member with whom they would like to work; and explains the professional and or personal goals the plan will meet and which activities they will use to obtain Honors.

Admissions and Requirements Criteria

Eligibility Criteria

- For acceptance into Nursing Honors
    - 3.5 pre-requisite GPA on admission to the School of Nursing
    - RPL, APL and RN-BSN successful completion of the first semester of nursing with a 3.5 GPA
    - FAN: successful completion of first clinical semester with a 3.5 GPA
- For continuation in Nursing Honors
    - Maintenance of a 3.5 GPA throughout the nursing program

Admission/Application

- Honors work proposal- identification of anticipated activities and timeline
- Letter of support from faculty mentor

Must meet all 3; each item may only be counted once

1. Enroll in 1-3 credits of NUR 4915 Honors Research in Nursing.
    1. Suggested sequence is 1 credit per semester for 3 semesters of the nursing program starting in Semester 2 or 3.
        - Under the direction of the faculty mentor:
            - Semester 2 or 3: develop a research, evidence-based practice or quality improvement proposal
            - Semester 3 or 4: implement the research, evidence-based practice or quality improvement proposal
            - Semester 4 or 5: evaluate and present results (present in an appropriate venue as determined by the mentor, i.e., SOARS, STARS, etc.)
    2. OR a sequence as determined by the faculty mentor

2. Complete any 2 of the following (#s A-H): [be able to tie to your research in some way]
    1. Study abroad in nursing or health [either for credit or not]
    2. Nursing specialty course [3-credit elective]
    3. Externship [paid or unpaid]
    4. Complete a 3-credit course from Hicks Honors College with a B+ or better
    5. Complete a minor with a 3.5 GPA
    6. Author or co-author a published article
    7. Make a paper or poster presentation at a state or national meeting
    8. Participate in 2 of the following [this counts as 1 of the 2 for requirement #2]
        - Case Competition Teams in the Brooks College of Health
        - Other inter-professional health-related activity as approved by faculty mentor
        - Make a paper or poster presentation at a regional meeting
        - Draft and present a resolution to NSNA, FNSA
3. Submit an e-portfolio documenting completion of requirements through the university

Program Details

Description
Honors in the Major Nursing

Honors in the Major Philosophy

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Philosophy majors must maintain a cumulative GPA of 3.5 or higher. Once in the program, to successfully complete this upper-level Honors track, students must complete 8 hours of research coursework.

Program Details

Description
Honors in the Major Philosophy

Honors in the Major Physics

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Honors in the Major for Physics is awarded upon completion of an advanced Honors Thesis, and completion of at least three but no more than six hours of Directed Independent Study – Honors in Physics Research course work (PHY4969) as determined by the student's honors thesis advisor and at least three but no more than 12 hours of directed Independent Study – Honors in Physics Thesis (PHY4970) taken in the Department of Physics.

- Students must have at least a 3.5 GPA within the major and at least a 3.2 GPA in all upper-division courses, regardless of institution.

Program Details

Description
Honors in the Major Physics

Honors in the Major Psychology

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Outstanding undergraduate psychology majors can graduate with the designation "Honors in Psychology." This designation is focused on independent research in the discipline and is recommended to those students who plan to pursue a graduate degree in psychology. To apply for admission to the Psychology Honors Program, students should contact the Undergraduate Program Director for the Department of Psychology. Candidates should apply at least three semesters prior to graduation. Students are encouraged to consider faculty advisors sooner than that.

Admission to the program requires:

- Junior or senior standing and completion of at least 9 credit hours of upper-level psychology classes with a psychology GPA of at least 3.6 and no grade less than B
- No record of student or academic misconduct
- A Department of Psychology faculty member as a mentor, agreeing to supervise the Honors Project
- The mentor approves the honors thesis and then directs advising to add it to the student's curriculum

Successful completion of the program also requires:

- Completion of 6 credit hours of PSY4904 Honors Research with a grade of B or better. For students accepted into the Accelerated BS-MS in Psychological Science program, students may use up to 3 credit hours of PSY6910 Supervised Research toward this credit hour requirement.
- Deposit of an approved thesis in Digital Commons in the Thomas G. Carpenter Library
- Receiving a final overall GPA of 3.3 or higher, after fulfilling all the degree requirements

As they plan for the "Honors in Psychology" designation, students should consult the Undergraduate Program Director for the Department of Psychology as soon as possible. The Undergraduate Program Director will verify the completion of the program, and Honors in the Major will then be noted on the transcript and diploma.

Program Details

Description
Honors in the Major Psychology

Honors in the Major Secondary Education

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Honors in the Majors (HIM) in Secondary Education (English, Biology, Chemistry, Mathematics, MG Math/Science, Physics and Social Studies) is available by application to advanced candidates in these majors who seek the challenge of completing a school-sponsored community service project while completing their internship in one of the SCOEHS Professional Development or Partnership schools. This program is especially recommended for candidates who are interested in serving the communities of the students they instruct in ways that extend beyond traditional academic services offered by teachers.

Admissions and Requirements Criteria

To earn HIM, students with a minimum 3.0 GPA apply at the end of the fall semester of their junior year. As part of the application, students will submit a letter of intent and two recommendations from faculty who have instructed and assigned the final grade in an enrolled course of the applicant. Acceptable applicants will be interviewed by a screening committee consisting of program faculty. It is estimated that six students will be admitted to the HIM in Secondary Education annually.

If accepted into the program, candidates will need to complete the following requirements:

1. Attend two of the following during the spring semester of their junior year: a Hicks Honors College seminar, an academic speaker hosted by a unit in the SCOEHS, or an academic speaker hosted by another unit in or outside of the university with prior approval from the Secondary Education Curriculum Area Director (SECAD);
2. Meet with School Administrators (in conjunction with the SECAD) in their fall semester of their senior year to a) define the description and scope of the community service project and to b) plan for the implementation of the project during internship, which will occur in the spring semester of their senior year;
3. Enroll in the honors section of ESE 4943 (Secondary Internship) during their spring semester of their senior year;
4. Earn a grade of B or above in all courses after being admitted to the HIM (except internship, which requires a pass grade); and
5. Successfully participate in and complete the community service project during internship.

Students who complete these requirements will have Honors in the Major noted on the transcript and diploma. For further information please contact the Teaching, Learning, and Curriculum Department Chair or the Secondary Education Curriculum Area Director, or visit the SCOEHS Secondary Education website.

Program Details

Description
Honors in the Major Secondary Education

Honors in the Major Spanish

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

To earn honors in Spanish, students whose applications are approved must fulfill the requirements of the major with a 3.2 GPA in their major courses, and must complete three experiences that fall within the following categories:

1. complete a research project, or a creative project, in a 3000- or 4000-level course with the prefix SPN or SPW, and present it in a public venue as part of a presentation that is not already a requirement of that course;*
2. participate in a study-abroad trip led by a member of the UNF Spanish faculty or a semester-long experience involving upper-level coursework in Spanish, either through a UNF exchange, a third-party provider, or direct enrollment at a foreign university;
3. complete an internship for academic credit through the course SPN4940 Internship for Service/Employment in Spanish, or complete an independent research project supervised by a faculty member in the context of SPN4905 Directed Independent Study in Spanish;
4. complement the major in Spanish with a second major in French Studies, or a minor in Chinese or French; and

5. complete at least 60 hours of participation in leadership or service activities related to the Spanish language, Spanish-speaking cultures and local or international Spanish-speaking communities through involvement with the UNF Spanish Club, the UNF chapter of Sigma Delta Pi (the National Collegiate Hispanic Honor Society), or other on-campus clubs or community organizations and institutions.**

Additional options may be available, in consultation with the chairperson of the Department of Languages, Literatures and Cultures.

As each of the categories (a)-(c) above involves an activity that bears at least three hours of credit, the minimum number of hours associated with Honors in the Major for the Spanish B.A. will generally be nine. As categories (d) and (e) do not involve coursework, however, a student selecting these options could potentially complete Honors in the Major with fewer than nine hours of credit. With proper planning, any credit hours related to the Honors in the Major for the Spanish B.A. will count among the required or elective coursework for the major.

*Examples of public venues include a UNF-affiliated undergraduate research showcase (e.g., SOARS, International Research Symposium), an outside conference or publication, or a special event on campus or in the community.

**Students should consult with the chairperson of Languages, Literatures and Cultures for approval of activities, for information on tracking hours, and to sign a waiver prior to participating in off-campus activities that will count toward completion of this requirement.

Program Details

Description
Honors in the Major Spanish

Honors in the Major Sport Management

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This is an accelerated bachelor (B.S. in Sport Management) to master's degree program.

- Students will complete the B.S. degree and matriculate into the master's degree program with 6 credit hours completed.
- Graduates earn a M.Ed. in Educational Leadership with a concentration in Athletic Administration.
- This accelerated program also serves as the Honors in the Major for Sport Management.

Admissions and Requirements Criteria

Once an undergraduate has attained junior status, they are eligible to apply for an accelerated track. The following is required:

- Completion of at least 15 undergraduate hours in their major.
- Minimum undergraduate GPA of 3.40 in their major, 3.0 overall GPA
- Letter of recommendation from a faculty member in their major.

Courses
Students who are admitted into the accelerated program would be able to take 2 courses (6 hours at the graduate level) and would be able to select 2 of the 5 graduate courses listed below:

- SPM5206 Ethics and Issues in Sport (3 credits)
- SPM5308 Marketing and Promotion in Sport (3 credits)
- SPM5506 Sport Finance (3 credits)
- SPM5606 Sport Governance and Compliance (3 credits)
- SPM6106 Sport Facility and Risk Management (3 credits)

Contact Dr. Liz Gregg for additional information or visit the SCOEHS Sport Management Honors in the Major website.

Program Details

Description
Honors in the Major Sport Management

Honors in the Major Statistics

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Admissions and Requirements Criteria

Statistics majors must maintain a cumulative GPA of 3.4 or higher. Once in the program, to successfully complete this upper-level Honors track, students must complete 8 hours of research coursework.

Program Details

Description
Honors in the Major Statistics

Honors in the Major Transportation and Logistics

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Honors in the major in Transportation & Logistics provides an enriched experience for highly motivated students dedicated to their career aspirations in the T&L industry. It builds on the existing T&L curriculum through participating in approved paid internships and research projects, receiving personal coaching, and attending networking opportunities. Students completing the program receive the Honors in the Major in Transportation & Logistics designation on their official university transcripts.

Honors Program Requirements

Candidates are selected through an application and interview process. For consideration, applicants must meet the following minimum requirements:
• Must have an overall GPA or UNF GPA (whichever is higher) of 3.5 or higher.
• Be a CCB Transportation & Logistics Major
• Earned a "B" or higher in TRA 3035: Foundations of Transportation (3 credits)
• Service requirements in an approved government or not-for-profit organization, in for example, Jacksonville Chamber Transportation & Logistics Council, The Propeller Club of Jacksonville, the Council of Supply Chain Management Professionals (CSCMP), or the Transportation and Logistics Network (TALON)
• Have or are participating in one approved T&L Internship
• Must be an active member of the UNF Transportation & Logistics Society for at least two semesters.

Program Details

Description
Honors in the Major Transportation and Logistics

Pathway to Professional Credentialing, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Pathway to Professional Credentialing Certificate is designed to support teachers on a temporary credential in attaining a professional teaching credential. This certificate program offers a structured pathway through a sequence of graduate-level courses aimed at meeting Florida Department of Education (FLDOE) requirements. The curriculum serves post-baccalaureate, non-degree seeking students who wish to upgrade their credentials and further develop their teaching expertise.

Certificate Requirements (12 credits)
Type
Completion Requirement

Required Course (3 credits)

Complete ALL of the following Courses:
- EDG6415 - Principles of Instruction and Classroom Management

This course includes clinical hours

Elective Courses (9 credits)

Complete at least 3 of the following courses:
- EDF6237 - Principles of Learning and Introduction to Classroom Assessment
- RED6657 - Evidence-Based Literacy Instruction
  OR RED6656 - Advanced Foundations of Reading
- TSL6325 - TESOL Methods: Content Instruction
  OR TSL6254 - Applied Linguistics and Grammar for Educators
- EEX5075 - Teaching Students with Exceptionalities in Inclusive Settings

Additional Comments:

Program Details

Description
Pathway to Professional Credentialing

Code
PPC

African American Studies/Diaspora, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: African American Studies/Diaspora (15 credits)
Type
Completion Requirement

Minor Required Courses

No more than 6 semester hours, or 2 courses, carrying lower-level numbers may be used in the minor. A minimum of 9 semester hours must be taken at UNF. A grade of C or better is required for all minor courses.

Complete ALL of the following Courses:
- AFS3262 - African Diaspora Studies

Minor Electives

Complete at least 4 of the following courses:
- ANT4352 - (FC) Peoples and Cultures of Africa
- CCJ4662 - Minorities and Crime
- AFH3450 - (FC) South Africa
- AMH3170 - Civil War/Reconstruction
- AMH3673 - The Civil Rights Movement
- AML3621 - (GW) Black American Literature
- GEO2420 - Cultural Geography
- LAS3020 - (FC) Peoples and Cultures of the Caribbean
- MUH2018 - The Evolution of Jazz
- MUH3055 - FC - African American Musical Heritage
- SYD3700 - Sociology of Race & Ethnicity

- SYG2013 - Sex, Race and Social Class: A Sociological Examination of Culture and Diversity

Additional Comments:

Program Details

Description
African Amer Studies/Diaspora

Code
AAS

Animal Assisted Services in Health and Education, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Animal Assisted Services in Health and Education (9 Credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student.

Complete ALL of the following Courses:

- HSC6601 - Animal Assisted Services in Healthcare and Education
- MHS6444 - Animal Assisted Treatment and Education

Certificate Electives

Complete at least 1 of the following courses:

- MHS5403 - Expressive Arts and Creativity in Counseling
- EEX5784 - Animal Assisted Services for Education and Disability Services
- MHS6905 - Directed Individual Study

Additional Comments:

Program Details

Description
AAS for Health and Education

Code
AAV

Applied Behavior Analysis, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Applied Behavior Analysis (21 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EEX5612 - Concepts and Principles of Applied Behavior Analysis
- EEX5617 - Principles of Applied Behavior Analysis II
- EEX5619 - ABA in Dev Disabilities and Autism
- EEX6301 - Research in Special Education
- EEX6625 - Applied Behavior Analysis in Ed. and Performance Management
- EEX6747 - Ethics and Professionalism in Applied Behavior Analysis and Exceptional Student Education
- EEX6668 - Behaviorism

Additional Comments:

Program Details

Description
Applied Behavior Analysis

Code
ABA

Accounting, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 Credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting

- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 Credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Additional Comments:
Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

Major Requirements (24 Credits)
Type
Completion Requirement

Major Requirements

A grade of "C" or better is required in all major courses. The department's one repeat rule applies to all of the major courses in accounting.

Complete ALL of the following Courses:

- ACG3103 - Intermediate Accounting Problems and Concepts I
- ACG3113 - Intermediate Accounting Problems and Concepts II
- ACG3123 - Intermediate Accounting Problems and Concepts III
- ACG4361 - Cost Accounting
- ACG4401 - Accounting Information Systems
- TAX3001 - Federal Income Tax
- ACG4651 - Auditing

And
Select one 3000-4000 level elective course from:
ACG or TAX, excluding TAX3721

Additional Comments:

Required Business (6 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ECO3203 - Intermediate Macroeconomics
- ECO3411 - Business and Economic Statistics

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Non-Business Requirements

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

AND one cultural diversity course. The Cultural Diversity course should be chosen from the list on the Coggin Advising website.

Additional Comments:

No Concentration Requirements (6 credits)
Type
Completion Requirement

Business Electives

A grade of "C" or better is required in all courses in this area.

Select one 3000-4000 level course from:
BUL, ECO, ENT, FIN, MAN, MAR, RMI, SCM or TRA

and

Complete at least 1 of the following courses:

- FIN4604 - International Finance
- ECO3704 - International Trade
- MAN4600 - International Management
- MAR4156 - International Marketing

Additional Comments:

Fixed CPA-Eligible Concentration Requirements (9 Credits)
Type
Completion Requirement

Concentration Required Courses

Complete ALL of the following Courses:

- ACG4201 - Advanced Accounting
- TAX3011 - Income Tax for Corporations and Partnerships

ACG4XXX: Data Analytics for Accounting*

*Course pending state approval

Additional Comments:

Flexible CPA-Eligible Concentration Requirements (9 Credits)
Type
Completion Requirement

Concentration Required Course

ACG4XXX: Data Analytics for Accounting*

*Course pending state approval

Concentration Electives

Select 2 3000-4000 Level Courses
ACG or TAX prefix, excluding TAX 3721

Additional Comments:

Program Details

Description
Accounting

Code
ACC

Accounting, MACC

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program requires 30 hours of 6000-level courses. A minimum of 24 hours must be earned at UNF. Students seeking a second master's degree must complete at least 24 semester hours of new coursework at UNF. A 3.00 GPA is required. A MACC student may not make less than a "C" in any course.

No Concentration Requirements (30 credits)
Type
Completion Requirement

Core Requirements (21 Credits)

This program requires 30 hours of 6000-level courses. A minimum of 24 hours must be earned at UNF. Students seeking a second master's degree must complete at least 24 semester hours of new coursework at UNF. A 3.00 GPA is required. A MACC student may not make less than a "C" in any course.

Complete ALL of the following Courses:

- ACG6309 - Advanced Managerial Accounting
- ACG6405 - Advanced Accounting Information Systems
- ACG6645 - Advanced Auditing
- ACG6805 - Advanced Financial Accounting
- ECO6415 - Making Decisions with Data
- TAX6105 - Taxation of Business Corporations

ACG6842: Accounting Data Analytics (3 Credits)*

*Course pending state approval

Major Electives (9 Credits)

At least 6 hours must be in ACG or TAX courses.

CHOOSE 3 courses (9 credit hours) at the 6000 level ACG/FIN/REE/TAX
Excluding: ACG 6005, ACG 6305, FIN 6407, and TAX 6726

Select 3 6000-Level Courses

Additional Comments:

Taxation Concentration Requirements (30 credits)
Type
Completion Requirement

Taxation Concentration Core Requirements (24 credits)

Complete ALL of the following Courses:

- ACG6309 - Advanced Managerial Accounting
- ACG6405 - Advanced Accounting Information Systems
- ACG6645 - Advanced Auditing
- ACG6805 - Advanced Financial Accounting
- TAX6045 - Tax Research and Writing
- TAX6105 - Taxation of Business Corporations
- ECO6415 - Making Decisions with Data

Taxation Concentration Electives (6 credits)

Select 2 6000-Level TAX Courses
Excluding TAX6726, TAX6045, or TAX6105
Tax courses are normally offered only once per year

Additional Comments:

Data Analytics Concentration Requirements (30 Credits)
Type
Completion Requirement

Data Analytics Concentration Core Requirements (21 Credits)

Complete ALL of the following Courses:

- ACG6309 - Advanced Managerial Accounting
- ACG6405 - Advanced Accounting Information Systems
- ACG6645 - Advanced Auditing
- ACG6805 - Advanced Financial Accounting
- TAX6105 - Taxation of Business Corporations
- ECO6415 - Making Decisions with Data

ACG6842: Accounting Data Analytics (3 Credits)*

*Course pending state approval

Required Concentration Courses (9 Credits)

Complete ALL of the following Courses:

- CAP6768 - Data Analytics
- ISM6419 - Data Visualization
- ISM6404 - Applications of Business Analytics

Additional Comments:

Program Details

Description
Accounting

Code
ACC

Sport Management (BS) to Educational Leadership - Athletic Administration (MED)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Science (BS) in Sport Management, followed by a Master of Education (MED) in Educational Leadership - Athletic Administration. The combined degree program is 144 credits; 120 for the BS degree and 30 credits for the MED degree. However, up to 6 graduate hours may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Material requirements should be sent directly to the Graduate Program Director of the Educational Leadership - Athletic Administration, MED program.
- Completion of at least 15 undergraduate hours in their major
- Minimum undergraduate GPA of 3.40 in their major, 3.0 overall GPA
- Submit a letter of recommendation from a faculty member of the Sport Management, BS program

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Students who are admitted into the accelerated program will select 2 of the 5 graduate courses listed below to be applied towards both degrees.

Complete at least 2 of the following courses:

- SPM5206 - Ethics and Issues in Sport
- SPM5308 - Marketing and Promotions in Sport
- SPM5506 - Sport Finance
- SPM5605 - Sport Governance and Compliance
- SPM6106 - Sport Facility and Risk Management

Additional Comments:

Program Details

Description
Sport Management (BS) to Educational Leadership - Athletic Administration (MED)

Interdisciplinary Health Studies(BSH) to Athletic Training (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The accelerated pathway for the Interdisciplinary Health Studies (BSH) to Athletic Training (MS) program is an opportunity for exceptional UNF Interdisciplinary Health Studies undergraduate students who are interested in pursuing a career in Athletic Training to combine program requirements. The combined program is 167 credits; 120 for the BSH and 54 credits for the MS. However, up to 7 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 7 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Material requirements should be sent directly to the Graduate Program Director of the Athletic Training (MS) program.
- Earn a GPA of 3.00 in upper-level courses
- Meet with your undergraduate advisor to determine eligibility and a plan for completing Athletic Training (MS) prerequisite courses
- Completion of all Athletic Training (MS) prerequisites with a GPA of 3.0
- Meet with your Undergraduate Program Director to discuss career goals and why you are interested in this pathway
- Meet with Athletic Training (MS) Program Director and submit a personal statement describing prior experiences, accomplishments, and career goals
- Meet Athletic Training (MS) Program Technical Standards for admission
- Complete 50 hours of observational experience under the supervision of a Certified Athletic Trainer (UNF Athletic Training Observation Form)
- Submit three (3) letters of recommendation. One must be from an Athletic Trainer who supervised you during your observational experience.m

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

The two courses below can count towards IHS Major requirements or Major elective requirements.

Complete ALL of the following Courses:

- ATR5105C - Foundations in Athletic Training
- ATR5126C - Gross Anatomy for Athletic Trainers

Additional Comments:

Program Details

Description
Interdisciplinary Health Studies (BSH) to Athletic Training (MS)

Kinesiology (BSH) to Athletic Training (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The accelerated pathway for the Kinesiology (BSH) to Athletic Training (MS) program is an opportunity for exceptional UNF Kinesiology undergraduate students who are interested in pursuing a career in Athletic Training to combine program requirements. The combined program is 170 credits; 120 for the BS and 54 credits for the MS. However, up to 4 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 4 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Material requirements should be sent directly to the Graduate Program Director of the Athletic Training (MS) program.
- Earn a GPA of 3.00 in upper-level courses
- Completion of all Athletic Training (MS) prerequisites with a GPA of 3.0
- Meet Athletic Training (MS) Program Technical Standards for admission
- Complete 50 hours of observational experience under the supervision of a Certified Athletic Trainer (UNF Athletic Training Observation Form)
- Submit three (3) letters of recommendation. One must be from an Athletic Trainer who supervised you during your observational experience.
- Interview with the UNF Athletic Training Program Faculty

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Up to 4 credits of PET 4942 Internship in Kinesiology will be replaced with

Complete ALL of the following Courses:

- ATR5105C - Foundations in Athletic Training
- ATR5126C - Gross Anatomy for Athletic Trainers

Additional Comments:

Program Details

Description
Kinesiology (BSH) to Athletic Training (MS)

Biomedical Sciences (BS) to Biology: Biomedical Science non-thesis (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This research-intensive program allows eligible students to earn a Bachelor of Science (BS) in Biomedical Sciences, followed by a Master of Science (MS) in Biology - Biomedical Science. Normally this sequence would take a minimum of 6 years, however this program allows students to complete both degrees in 5 years of continuous study. The combined program is 144 credits; 120 for the BS and 36 credits for the MS. However, up to 12 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 12 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees. Undergraduate students apply during their junior year.

This program is beneficial to any student interested in gaining graduate-level research experience in biomedical sciences. Research topics that can be pursued are diverse and can prepare graduates wanting to enter many different fields.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Students must secure a research mentor from the list of faculty researchers in the Biomedical Sciences Program prior to acceptance to the program. If the research is done outside the Biology Department, the student must identify a Biology faculty member as a co-advisor. The Faculty Sponsor Form is available in the Department of Biology.
- Completion of at least 15 credits in the Biomedical Sciences plan-of-study at UNF
- Cumulative GPA of 3.2 or greater and students must maintain a 3.2 UNF GPA to complete the program

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Up to a maximum of 12 credits of BS free electives can be substituted by the below graduate level courses, which can be counted towards both the BS and the MS Degrees.

Complete ANY of the following Courses:

- MCB5505 - Advanced Virology
- PCB6236 - Advanced Cancer Biology
- PCB5235 - Cellular Immunology
- PCB5845 - Cellular and Molecular Neuroscience

- BSC5930 - Biology Seminar

Additional Comments:

Program Details

Description
Biomedical Sciences (BS) to Biology: Biomedical Science non-thesis (MS)

Computer Science (BS) to Computing and Information Sciences (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Science (BS) in Computer Science, followed by a Master of Science (MS) in the same discipline. The combined program is 144 credits; 120 for the BS and 30 credits for the MS. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Complete ALL of the following Courses:

- CIS6913 - Research Methods in Computing
- CIS6372 - Information Assurance

Additional Comments:

Program Details

Description
Computer Science (BS) to Computing and Information Science (MS)

Computing and Information Sciences (BS) to Computing and Information Sciences (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Science (BS) in Computing & Information Sciences, followed by a Master of Science (MS) in the same discipline. The combined program is 144 credits; 120 for the BS and 30 credits for the MS. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Up to a maximum of 6 credits of BS major electives can be substituted by the below graduate level courses, which can be counted towards both degrees.

Complete ALL of the following Courses:

- CIS6913 - Research Methods in Computing
- CIS6372 - Information Assurance

Additional Comments:

Program Details

Description
Computing and Information Sciences (BS) to Computing and Information Sciences (MS)

Information Science (BS) to Computing and Information Sciences (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Science (BS) in Information Science, followed by a Master of Science (MS) in the same discipline. The combined program is 144 credits; 120 for the BS and 30 credits for the MS. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Up to a maximum of 6 credits of BS major electives can be substituted by the below graduate level courses, which can be counted towards both degrees.

Complete ALL of the following Courses:

- CIS6913 - Research Methods in Computing
- CIS6372 - Information Assurance

Additional Comments:

Program Details

Description
Information Science (BS) to Computing and Information Sciences (MS)

Information Systems (BS) to Computing and Information Sciences (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Science (BS) in Information Systems, followed by a Master of Science (MS) in the same discipline. The combined program is 144 credits; 120 for the BS and 30 credits for the MS. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Up to a maximum of 6 credits of BS major electives can be substituted by the below graduate level courses, which can be counted towards both degrees.

Complete ALL of the following Courses:

- CIS6913 - Research Methods in Computing
- CIS6372 - Information Assurance

Additional Comments:

Program Details

Description
Information Systems (BS) to Computing and Information Sciences (MS)

Information Technology (BS) to Computing and Information Sciences (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Science (BS) in Information Technology, followed by a Master of Science (MS) in the same discipline. The combined program is 144 credits; 120 for the BS and 30 credits for the MS. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Up to a maximum of 6 credits of BS major electives can be substituted by the below graduate level courses, which can be counted towards both degrees.

Complete ALL of the following Courses:

- CIS6913 - Research Methods in Computing
- CIS6372 - Information Assurance

Additional Comments:

Program Details

Description
Information Technology (BS) to Computing and Information Sciences (MS)

Civil Engineering (BS) to Civil Engineering (MSCE)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The combined program is 144 credits; 120 for the BS and 30 credits for the MSCE. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Please contact the graduate program director, Dr. Alan Harris, for more information.

Approved Curriculum
Type
Completion Requirement

Additional Comments:
Participants should contact the graduate program director for guidance on the appropriate graduate courses to take.

Program Details

Description
Civil Engineering (BS) to Civil Engineering (MSCE)

Communication (BS) to Communication Management (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Students intending to major in Communication can apply to the accelerated BS/MS in Communication Management program once they achieve junior status in the BS program. This accelerated program allows eligible students to earn a Bachelor of Science (BS) Degree in Communication, followed by a Master of Science (MS) Degree in Communication Management. Undergraduate students apply during their junior year.

The combined programs normally require up to 156 hours to complete, 120 credit hours for the undergraduate degree and 36 credit hours for the graduate degree. However, qualified students may count a maximum of 12 graduate credit hours toward both degrees. Students complete the undergraduate degree first, taking no more than 12 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Attain junior status (at least 60 credit hours).
- Submit a personal statement describing their interest in the Communication Management graduate program.
- Maintain a 3.0 overall GPA.
- Meet with COAS Communication Studies Undergraduate Advisor and M.S. in Communication Management Graduate Program Director to discuss career goals and interest in this pathway.
- Submit one letter of recommendation from a Communication faculty member.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Select up to 12 credits from the courses listed to count toward both the BS and MS in Communication Management:

Complete at least 4 of the following courses:

- MMC6006 - Strategic Communication Theory
- MMC6426 - Qualitative Research Methods in Mass Communication
- MMC6421 - Quantitative Research Methods in Mass Communication
- MMC6206 - Ethics in Communication Management
- ADV5408 - Strategic Branding
- MMC5267 - Current Issues in Emerging Media
- MMC6730 - Social Media Management
- MMC5738 - Strategic Social Media

Additional Comments:

Program Details

Description
Communication (BS) to Communication Management (MS)

Communication Studies (BA) to Communication Management (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Students intending to major in Communication Studies can apply to the accelerated BA/MS in Communication Management program once they achieve junior status in the BA program. This accelerated program allows eligible students to earn a Bachelor of Arts (BA) Degree in Communication Studies, followed by a Master of Science (MS) Degree in Communication Management. Undergraduate students apply during their junior year.

The combined programs normally require up to 156 hours to complete, 120 credit hours for the undergraduate degree and 36 credit hours for the graduate degree. However, qualified students may count a maximum of 12 graduate credit hours toward both degrees. Students complete the undergraduate degree first, taking no more than 12 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Attain junior status (at least 60 credit hours).
- Submit a personal statement describing their interest in the Communication Management graduate program.
- Maintain a 3.0 overall GPA.
- Meet with COAS Communication Studies Undergraduate Advisor and M.S. in Communication Management Graduate Program Director to discuss career goals and interest in this pathway.
- Submit one letter of recommendation from a Communication Studies faculty member.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Select up to 12 credits from the courses listed to count toward both the BA and MS in Communication Management:

Complete at least 4 of the following courses:

- COM5126 - Organizational Communication
- COM5627 - Lying and Deception
- MMC5738 - Strategic Social Media
- MMC6006 - Strategic Communication Theory
- MMC6426 - Qualitative Research Methods in Mass Communication
- MMC6421 - Quantitative Research Methods in Mass Communication

Additional Comments:

Program Details

Description
Communication Studies (BA) to Communication Management (MS)

Electrical Engineering (BS) to Electrical Engineering (MSEE)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The combined program is 144 credits; 120 for the BS and 30 credits for the MSEE. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Please contact the graduate program director, Dr. Alan Harris, for more information.

Approved Curriculum
Type
Completion Requirement

Additional Comments:
Participants should contact the graduate program director for guidance on the appropriate graduate courses to take.

Program Details

Description
Electrical Engineering (BS) to Electrical Engineering (MSEE)

English (BA) to English (MA)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Arts (BA) Degree in English, followed by a Master of Arts (MA) Degree in the same discipline. The combined program is 144 credits; 120 for the BA and 33 credits for the MA. However, up to 9 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 9 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees. Undergraduate students apply during their junior year.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Material requirements must be sent directly to the Graduate Program Director of the English, MA program.
    - Earn a 3.5 GPA in your English classes
    - Complete 21 hours of English major requirements, including ENG 4013 Approaches to Literary Interpretation, before applying
    - Meet with COAS English Undergraduate Advisor and Graduate Program Director at the beginning of your junior year
    - Submit two (2) letters of recommendation from UNF Department of English faculty

Approved Curriculum
Type
Completion Requirement

Additional Comments:
Up to a maximum of 9 credits of BA major and free electives can be substituted by any course in the MA Program of Study with the exception of internships, teaching practicums, or directed independent studies, which can be counted towards both the BA and the MA Degrees.

Program Details

Description
English (BA) to English (MA)

Healthcare Management (BHM) to Health Administration (MHA)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Healthcare Management (BHM), followed by a Master of Health Administration (MHA) Degree. The combined program is 147 credits; 120 for the BHM and 45 credits for the MHA. However, up to 18 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 18 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees. Undergraduate students apply during their junior year.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Up to a maximum of 18 credits of BHM major electives can be substituted by the below graduate level courses, which can be counted towards both the BHM and the MHA Degrees.

Complete ALL of the following Courses:

- HSA6520 - Managerial Epidemiology
- HSA6905 - Policy and Law in Healthcare
- HSA6342 - Healthcare Human Resources
- HSA6198 - Health Information Technology
- HSA6385 - Quality Management in Health Care
- HSA5177 - Health Care Finance

- HSA6520 Managerial Epidemiology can be taken in place of HSA3522 Managerial Epidemiology
- HSA6905 Policy and Law in Health Care can be taken in place of HSA4150 Introduction to Health Policy
- HSA6342 Healthcare Human Resources can be taken in place of HSA3340 Healthcare Human Resources
- HSA6198 Health Information Technology can be taken in place of HSA3191 Health Information Systems
- HSA6385 Quality Management in Healthcare can be taken in place of HSA3383 Quality Management in Healthcare
- HSA5177 Healthcare Finance can be taken in place of an elective

Additional Comments:

Program Details

Description
Healthcare Management (BHM) to Health Administration (MHA)

History (BA) to History (MA)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Arts (BA) Degree in History, followed by a Master of Arts (MA) Degree in the same discipline. The combined program is 147 credits; 120 for the BA and 36 credits for the MA. However, up to 9 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 9 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Have a GPA of 3.33 in the major **or** an A- or higher in HIS3051 **or** an A- or higher in one 4000-Level seminar
- Visit the undergraduate advisor to complete and submit a departmental application form

Approved Curriculum
Type
Completion Requirement

Additional Comments:
Students in this accelerated path may select any 5000-level graduate courses from the program of study for the History (MA).

Program Details

Description
History (BA) to History (MA)

International Studies (BA) to International Affairs (MA)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Art (BA) in International Studies, followed by a Master of Art (MA) in International Affairs. The combined program is 150 credits; 120 for the BA and 36 credits for the MA. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees.

Students typically will apply in the second semester of their junior year, and if accepted, take one graduate course each semester of their senior year. Timing may vary, however, depending on individual circumstances. Students in this accelerated pathway may also pursue Honors in the Major in International Studies. A student who has met the foreign language requirement for the International Studies (BA) has already met the foreign language requirement for the International Affairs (MA).

Approved Curriculum
Type

Completion Requirement

Additional Comments:
Students in this accelerated path may select any graduate courses from the program of study for the International Affairs (MA), both core courses and electives, according to interest and scheduling. These courses will generally be double–counted as major electives for the undergraduate degree, but in some cases may substitute for courses in the core, at the discretion of the director of International Studies.

Program Details

Description
International Studies (BA) to International Affairs (MA)

International Studies (BA) to History (MA)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Students accepted into this accelerated degree pathway may take a maximum of three graduate courses while still having undergraduate status. Those nine graduate credit hours will be double–counted towards both the BA in International Studies and the MA in History.

When pursued separately, the BA in International Studies requires 120 credit hours and the MA in History requires 36, for a total of 156. Through this accelerated pathway, by double–counting three graduate courses (at three credit hours per course, for a total of nine credit hours), this total could be reduced to 147. In other words, a student completes the 36 required credit hours for the MA in History but can reduce the number of undergraduate courses required for the BA in International Studies by three.

Students typically will apply in the first semester of their junior year, and if accepted, take one graduate course each remaining semester of their junior and senior years. Timing may vary, however, depending on individual circumstances.

To be eligible to enroll in graduate courses in history, students in this accelerated pathway must complete HIS 3051 The Craft of the Historian with a B or better. Students in this accelerated pathway should take HIS 3051 in fulfillment of the Methods, Theories, and Skills requirement of the International Studies BA. Students may then select from among the 5000-level graduate courses and 6000-level readings courses from the program of study for the MA in History that the director of International Studies and Department of History graduate program director authorize as internationally oriented and therefore appropriate to both the BA in International Studies and the MA in History. These courses will generally be double–counted towards International Studies BA requirement categories of Culture and Society, History, or major electives, as appropriate.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Have a GPA of 3.33 in the major or an A- or higher in HIS3051 or an A- or higher in one 4000-level seminar
- Meet with the Department of History graduate program director before applying for the accelerated pathway
- Visit the undergraduate advisor to complete and submit an accelerated pathway application form

Acceptance into this accelerated path does not guarantee a student's eventual admission into the graduate program. Rather, the student must do both of the following:

- Earn a grade of B or better in all graduate courses taken while an undergraduate.
- Apply for admission into the MA in History upon completion of the requirements of the BA in International Studies.

Students in the accelerated path are considered for acceptance through an expedited application process

Approved Curriculum
Type
Completion Requirement

Courses Approved to count towards both the BA and MA (9 credits)

Complete at least 3 of the following courses:

- AFH6935 - Readings in African History
- AMH5515 - U.S. in World Affairs
- AMH5587 - Native Southerners
- ASH5235 - Ottoman History
- ASH5445 - Japan Before 1868
- ASH5447 - Japan After 1868
- ASH5642 - War and Migration in the Middle East
- ASH5935 - Special Topics: Asian History
- EUH5125 - The Crusades
- EUH5176 - Medieval Heresy
- EUH5179 - Medieval Apocalypticism
- EUH5934 - Selected Topics: European History
- EUH6905 - Readings in European History I
- EUH6906 - Readings in European History II
- HIS5268 - Comparative Empires
- HIS5497 - Science Medicine and Culture
- LAH5026 - Latin America and the World
- LAH5745 - Rebellion and Revolution in Latin America
- LAH5934 - Selected Topics: Latin American History
- LAH6905 - Readings in Latin American History I
- LAH6906 - Readings in Latin American History II

Additional Comments:
Students in this accelerated path may also pursue Honors in the Major in International Studies.

For more information, contact the director of the International Studies Program or the graduate program director of the Department of History

Program Details

Description
International Studies (BA) to History (MA)

Mechanical Engineering (BS) to Mechanical Engineering (MSME)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Science (BS) in Mechanical Engineering, followed by a Master of Science (MS) in Mechanical Engineering (MSME). The combined degree program is 144 credits; 120 for the undergraduate degree and 30 credits for the master's degree. However, up to 6 graduate hours may be counted towards technical electives at the undergraduate level. Students complete the undergraduate degree first, taking no more than 6 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees. Students wishing to take graduate credits while in undergraduate status must receive approval from the School of Engineering Director prior to registering for graduate level courses.

Approved Curriculum
Type
Completion Requirement

Additional Comments:
Participants should contact the graduate program director for guidance on the appropriate graduate courses to take.

Program Details

Description
Mechanical Engineering (BS) to Mechanical Engineering (MSME)

Chemistry (BS) to Materials Science and Engineering (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Science (BS) in Chemistry, followed by a Master of Science (MS) in Materials Science and Engineering. The combined program is 144 credits; 120 for the BS and 30 credits for the MS. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees. Undergraduate students apply during the last semester of their junior year.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Material requirements should be sent directly to the Graduate Program Director of the Materials Science and Engineering (MS) program.
- Submit personal statement describing your interest in the Materials Science and Engineering graduate program

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Up to a maximum of 6 credits of BS major electives can be substituted by the below graduate level courses, which can be counted towards both the BS and the MS Degrees.

Complete ALL of the following Courses:

- EMA5104 - Advanced Materials Principles I
- EMA5114 - Advanced Materials Principles II

Additional Comments:

Program Details

Description
Chemistry (BS) to Materials Science and Engineering (MS)

Physics (BS) to Materials Science and Engineering (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

For students interested in the Accelerated Pathway from the Physics BS concentration in Engineering Physics to the Materials Science and Engineering MS program, please see the information below and speak to your academic advisor. 120 credits are required for the BS degree, and 30 credits are required for the MS degree. Students on the Accelerated Pathway may count up to 6 graduate credits toward both degrees, resulting in a total of 144 credits for both degrees. Students complete the undergraduate degree first, taking up to 6 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Students must have a minimum 3.00 major GPA and a minimum 3.00 overall GPA. Students must provide the Program Coordinator of the Materials Science and Engineering MS Program with a copy of their UNF academic transcript and a personal statement describing their interest in the Materials Science and Engineering graduate program.

Approved Curriculum

Type
Completion Requirement

Approved Curriculum

The following courses can count towards the total of 24 credits of major electives that are required for the Physics BS concentration in Engineering Physics. As the UNF Graduate School requires students to maintain a graduate GPA of at least 3.00, students are expected to get a grade of B or better in both EMA5104 and EMA5114 in order to continue on to the MS program in Materials Science and Engineering. The MS program requires a total of 30 credits, so students who have completed EMA5104 and EMA5114 as part of this Accelerated Pathway will have 24 credits remaining to complete the MS degree.

Complete ALL of the following Courses:

- EMA5104 - Advanced Materials Principles I
- EMA5114 - Advanced Materials Principles II

Additional Comments:

Some suggested combinations of major electives:
Type
Completion Requirement

Materials science and engineering focus (25 credits)

Complete ANY of the following Courses:

- EMA3010 - Introduction to Materials Science and Engineering
- EMA4502 - Materials Characterization
- EIN3390 - Materials Processing
- EML3100 - Thermodynamics I
- EGN3331 - Strength of Materials
- EMA4704 - Materials Selection
- PHY3722C - Electronics for Scientists
- PHZ4404 - Solid State Physics

Mechanical engineering focus (25 credits)

Complete ANY of the following Courses:

- EGN3203 - Modern Computational Methods
- EGN3311 - Statics
- EGN3321 - Dynamics
- EGN3331 - Strength of Materials
- EML3100 - Thermodynamics I
- EML3101 - Thermodynamics II
- EML3015 - Fluids
- PHY3722C - Electronics for Scientists

Electrical engineering focus (24 credits)

Complete ANY of the following Courses:

- MAS3105 - (GM) Linear Algebra
- EEL3111 - Circuit Analysis I
- EEL3112 - Circuit Analysis II
- EEE3308 - Microelectronics I
- EEL3117L - Electrical Circuits Laboratory
- EEL3013 - Modeling and Simulation in Electrical Engineering
- EEL3135 - Signals and Systems
- EEL3701 - Introduction to Digital Systems
- EEL3701L - Introduction to Digital Systems Lab

Mixed EE/ME/MSE focus (25 credits)

Complete ANY of the following Courses:

- EEL3111 - Circuit Analysis I
- EEL3112 - Circuit Analysis II
- EEE3308 - Microelectronics I
- EEL3117L - Electrical Circuits Laboratory
- EGN3311 - Statics
- EGN3321 - Dynamics
- EGN3331 - Strength of Materials
- EMA3010 - Introduction to Materials Science and Engineering
- EML3100 - Thermodynamics I

Additional Comments:

Program Details

Description
Physics (BS) to Materials Science and Engineering (MS)

International Studies (BA) to Social Work (MSW)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Art (BA) in International Studies, followed by a Master of Social Work (MSW). The combined program is 168 credits; 120 for the BA and 60 credits for the MSW. However, up to 12 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 12 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees.

Students typically will apply in the second semester of their junior year, and if accepted, take two graduate courses each semester of their senior year. Timing may vary, however, depending on individual circumstances. Students in this accelerated pathway may also pursue Honors in the Major in International Studies.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Material requirements should be sent directly to the Graduate Program Director of the Social Work, MSW program.
    - Earn a GPA of 3.5 in the major
    - Complete INS3003 Introduction to International Studies and at least four other courses within the major with grades of B or better
    - Submit two (2) letters of recommendation from UNF faculty members
    - Meet with the director of the MSW program before applying

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Complete ALL of the following Courses:

- SOW5207 - Foundations of Social Work
- SOW5625 - Difference, Discrimination and Oppression
- SOW5235 - U.S. Social Welfare Policies and Institutions
- SOW5337 - Social Work Practice with Organizations and Communities

Additional Comments:

Program Details

Description
International Studies (BA) to Social Work (MSW)

Music Education (BME) to Music Education: Pedagogy & Research (MM)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Music Education (BME), followed by a Master of Music Education - Pedagogy & Research (MME). The combined program is 144 credits; 120 for the BME and 30 credits for the MME. However, up to 6 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Material requirements should be sent directly to the Graduate Program Director of the Music Education - Pedagogy & Research (MM) program.
    - Students who have achieved upper division status (passed all four semesters of theory, aural theory, and class piano, and passed sophomore barrier jury or equivalent) may speak to Music Education faculty to submit an application
    - Students must have a minimum GPA of 3.50, with a minimum GPA of 3.75 in music courses, and no Ds, Fs, or Incompletes
    - Students must have a record of professionalism in academics and personal conduct,
    - Submit passing scores on all portions of the FLDOE General Education exam
    - Submit one (1) letter of recommendation from a music faculty member

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Students will take two graduate courses:

Complete ALL of the following Courses:

- MUE5316 - Teaching Elementary Music Programs
- MUE5336 - Teaching Secondary Choral Music Programs **OR** MUE5338 - Teaching Secondary Instrumental Music Programs
- MUE5316 Teaching Elementary Music Programs substituting for MUE 4311 Teaching Elementary Music.
- MUE5336 Teaching Secondary Choral Music Programs substituting for MUE 4331Teaching Secondary Choral Music
- MUE5338 Teaching Secondary Instrumental Music Programs substituting for MUE 4332 Teaching Secondary Instrumental Music.

Additional Comments:

Program Details

Description
Music Education (BME) to Music Education: Pedagogy & Research (MM)

Nutrition and Dietetics, Didactic Program in Dietetics (BS) to Nutrition and Dietetics (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Students with a major of BS in Nutrition and Dietetics, DPD concentration, can apply to the accelerated BS/MS in Nutrition and Dietetics program once they achieve junior status in the BS program. This accelerated program allows eligible students to earn a Bachelor of Science (BS) Degree in Nutrition and Dietetics, followed by a Master of Science (MS) Degree in Nutrition and Dietetics. Undergraduate DPD students apply during the fall semester of their junior year.

Admission Criteria:

- Additional information can be found on the Accelerated Pathways catalog page.
- Complete all DPD program prerequisite coursework
- Hold a DPD concentration major
- Hold a minimum cumulative GPA of 3.75

- Submit a resume, cover letter, and personal statement detailing their academic and professional goals.
- Provide three letters of recommendation: one from a UNF faculty member, one from a non-faculty individual outside UNF, and one from a source of their choice.

Once accepted, students must maintain these minimum qualifications for continuation:

- Maintain a minimum cumulative GPA of 3.0 in all BS and MS coursework.
- Students who fail to maintain a 3.0 GPA may still be eligible to earn their BS degree, provided they meet the university's minimum GPA requirement of 2.0, but they will no longer qualify to continue in the MS program.
- Achieve a grade of "B" or higher in all courses.
- Adhere to the ethical and professional standards outlined by the university, college, department, and program.
- Maintain continuous enrollment in the program unless an approved leave of absence is granted.

The combined programs normally require up to 150 hours to complete: 120 credit hours for the undergraduate degree and 30 credit hours for the graduate degree. However, qualified students accepted into this program may count a maximum of 12 graduate credit hours toward both degrees. Students complete the undergraduate degree first, taking no more than 12 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Complete ALL of the following Courses:

- HUN6523 - Community Nutrition
- HUN6249 - Nutrition and Metabolism
- HUN6123 - Sociocultural Influences on Nutrition
- HUN6612 - Nutrition Education and Counseling

Additional Comments:

Program Details

Description
Nutrition and Dietetics (BS) to Nutrition and Dietetics (MS)

Political Science (BA) to International Affairs (MA)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Students in this major can apply to participate in an accelerated path into the Master of Arts in International Affairs (MAIA). Accepted students are permitted to take up to 18 credits (6 courses) from a list of eligible graduate-level courses while completing their undergraduate program, double count those courses to both the B.A. in Political Science and the MAIA, and, upon completion of the undergraduate degree, enter the graduate program through an expedited application process. See the program website for more information.

This program allows eligible students to earn a Bachelor of Arts (BA) in Political Science, followed by a Master of Arts in International Affairs (MAIA). The combined program is 156 credits; 120 for the BA and 36 credits for the MAIA. However, qualified students may count a maximum of 18 graduate credit hours towards both degrees. Students complete the undergraduate degree first, taking no more than 18 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.

Approved Curriculum (up to 18 credits)
Type
Completion Requirement

Approved Curriculum

Complete ANY of the following Courses:

- INR6607 - International Relations Theory
- MMC6426 - Qualitative Research Methods in Mass Communication
- ENL6502 - Studies in Early British Literature
- ENL6509 - Studies in Later British Literature
- LIT5934 - Topics in Literature
- LIT6934 - Special Topics in Literature
- FIL5934 - Special Topics in Film
- INR5449 - International Law and Organization
- INR6938 - Special Topics in International Affairs
- PAD6173 - Global Civil Society
- PAD6836 - Comparative Public Administration
- PUP6007 - Policy Analysis
- HSC6165 - Global Sexuality and Reproductive Health
- HSC6625 - Global Health
- HSC6675 - Global Health: Water, Sanitation and Hygiene
- HSC6931 - Special Topics

OR

- Any 3-credit 5000- or 6000-level course with a PHI or REL prefix
- Any 3-credit 5000- or 6000-level course with an ANG or ANT prefix
- Any 3 credit 6000-level course with a GEO or GIS prefix

Faculty permission is required for these courses:

Complete ANY of the following Courses:

- ECO6009 - International Economics
- AMH5515 - U.S. in World Affairs
- ECO6415 - Making Decisions with Data
- AFH6935 - Readings in African History
- EUH6906 - Readings in European History II
- LAH6906 - Readings in Latin American History II
- ASH5447 - Japan After 1868

- ASH5642 - War and Migration in the Middle East
- ASH5935 - Special Topics: Asian History
- ASH6936 - Seminar in Asian History
- EUH5934 - Selected Topics: European History
- EUH6936 - Seminar in European History
- HIS5268 - Comparative Empires
- HIS5497 - Science Medicine and Culture
- HIS5934 - Special Topics in History
- HIS6208 - History of Human Rights
- HIS6317 - Sex and Gender in History
- HIS6498 - Plato to Nato in Science and Medicine
- HIS6935 - Special Topics in History
- LAH5934 - Selected Topics: Latin American History
- LAH6936 - Seminar: Latin American History

Students must have completed HIS 3051 Craft of the Historian or equivalent and obtain permission from the instructor to enroll in History courses and seminars.

Additional Comments:

Program Details

Description
Political Science (BA) to International Affairs (MA)

Psychology (BS) to Psychological Science (MS)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The accelerated pathway for the Psychology (BS) to Psychological Science (MS) is an opportunity for exceptional UNF undergraduate students in psychology to combine program requirements for their Bachelor's and Master's programs into a period of five (5) years, rather than six (6) or more years in a non-accelerated track.

The combined program is 146 credits; 120 for the BS and 36 credits for the MS. However, up to 10 graduate credits may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 10 credit hours of graduate coursework, which will then be used to satisfy both degrees.

The Psychological Science (MS) degree earned from the accelerated program consists of a broad based, research-oriented program intended to equip students with the critical skills and knowledge necessary for continued occupational and educational advancement in the field of psychology. The accelerated path will allow students to work in the same research laboratory for 3-4 years, which will serve students in both skill development research products.

The program consists of course work designed around a core curriculum of statistics, research design, substantive areas of psychology and a research based thesis. Students completing the program are qualified to: go on to further graduate work at universities offering a PhD in Psychology and other related areas to find employment in jobs requiring masters level expertise in applied psychology; and/or to work as evaluation research specialists in government or community agencies. Students with a MS in Psychology may also be competitive for further graduate study in other fields, such as law and medicine. Note that the goal of this accelerated pathway is not designed to provide clinical training or licensure in clinical practice. Students seeking to work as a licensed therapist should pursue that goal through the Master of Science in Clinical Mental Health Counseling in the Brooks College of Health.

Admission Criteria:

- Full admission criteria can be found on the Accelerated Pathways catalog page.
- Material requirements should be sent directly to the Graduate Program Director of the Psychological Science (MS) program.
  - Minimum 3.2 undergraduate GPA in the major
  - Minimum 3.2 GPA across Research Methods and two Experimental courses
  - Submit a letter of support from a faculty member that will mentor your thesis

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Complete ALL of the following Courses:

- PSY6214 - Research Design and Analysis I
- PSY6937 - Colloquium in Psychological Research
- PSY6910 - Supervised Research
- DEP6055 - Human Development
  OR EXP6506 - Learning and Cognition
  OR SOP6069 - Advanced Social and Personality Psychology

Additional Comments:

Program Details

Description
Psychology (BS) to Psychological Science (MS)

Political Science (BA) to Public Administration (MPA)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

This program allows eligible students to earn a Bachelor of Art (BA) in Political Science, followed by a Master of Public Administration (MPA). The combined program is 150 credits; 120 for the BA and 42 credits for the MPA. However, qualified students may count a maximum of 12 graduate credit

hours towards both degrees. Students complete the undergraduate degree first, taking no more than 12 credit hours of graduate coursework, which will then be used to satisfy both degrees.

Approved Curriculum
Type
Completion Requirement

Approved Curriculum

Complete ALL of the following Courses:

- PAD6060 - Public Administration in Modern Society
- Elective or concentration class with approval of the MPA Director

Approved Core Courses

Complete at least 2 of the following courses:

- PAD6106 - Administrative Behavior in Public Organizations
- PAD6436 - Ethics, Leadership and Accountability in Public Service
- PAD6417 - Human Resources for Public and Nonprofit Management
- PAD6227 - Government Budgeting and Finance

Additional Comments:

Program Details

Description
Political Science (BA) to Public Administration (MPA)

Accounting & Data Analytics, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (9 Credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- CAP6768 - Data Analytics
- ISM6419 - Data Visualization
- ISM6404 - Applications of Business Analytics

Additional Comments:

Major Requirements (18 Credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- ACG6309 - Advanced Managerial Accounting
- ACG6405 - Advanced Accounting Information Systems
- ACG6645 - Advanced Auditing
- ACG6805 - Advanced Financial Accounting
- TAX6105 - Taxation of Business Corporations

ACG6XXX: Accounting Data Analytics (3 Credits)*

*Course pending state approval

Additional Comments:

Electives (3 Credits)
Type
Completion Requirement

Electives

Complete ANY of the following Courses:

- FIN6406 - Advanced Financial Management
- FIN6778 - Foundations of FinTech

Or, any 6000-level ACG or TAX course (excluding ACG 6005 and ACG 6305)

Additional Comments:

Program Details

Description
Accounting & Data Analytics

Code
ADA

Advanced Manufacturing Engineering, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
General Education requirements for engineering students differ from other majors. Do not register for general education courses without consulting your academic advisor.

Prerequisites (27 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or higher is required in all Engineering prerequisite courses. Additionally, the engineering majors are selective admission majors. Students must meet the following admission requirements with a minimum grade of C prior to officially being admitted to the major: MAC2311 Calculus 1, PHY2048C Calc-based Physics I, and CHM2045+L Gen Chemistry I + Lab. Chemistry Lab not required for Electrical Engineering.

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- MAP2302 - (GM) Ordinary Differential Equations
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

Additional Comments:

Foundation (14 credits)
Type
Completion Requirement

Foundation

Complete ALL of the following Courses:

- EEL3111 - Circuit Analysis I
- EGN1001C - Introduction to Engineering I
- EGN3311 - Statics
- STA3032 - (GM) Probability and Statistics for Engineers
- ENC3246 - Professional Communication for Engineering

Additional Comments:

Core Requirements (17 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EGN3321 - Dynamics
- EGN3331 - Strength of Materials
- EIN3304 - Thermofluids for Manufacturing
- EML3535C - Modern Engineering CAD
- EML4551 - Senior Capstone Design I
- EML4552 - Senior Capstone Design II

Additional Comments:

Major Requirements (38 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EMA3010 - Introduction to Materials Science and Engineering
- EML4320C - Integrated Design and Manufacturing
- EIN3390 - Materials Processing
- EMA4502 - Materials Characterization
- EIN3800 - Subtractive Manufacturing
- EIN3800L - Subtractive Manufacturing Laboratory
- EIN3801 - Additive and Netshape Manufacturing
- EIN3801L - Additive and Netshape Manufacturing Laboratory
- EIN3621 - Computer Aided Manufacturing
- EIN4602C - Control of Machinery for Manufacturing
- ESI4221C - Quality Assurance and Quality Control
- EML4501 - Machine Design
- EIN3003 - Fundamentals of Industrial Engineering
- EIN4519 - Manufacturing Systems Integration

Additional Comments:

Technical Electives (9 credits)
Type
Completion Requirement

Technical Electives

Earn at least 9 credits from the following:

- EIN4949 - Advanced Manufacturing Internship
- EIN4930 - Special Topics in Manufacturing Engineering
- EMA4930 - Special Topics in Materials Engineering
- EML4544 - Materials and Handling I
- EML4806 - Robotics Engineering
- EML4905 - Directed Individual Study
- EML4911 - Supervised Undergraduate Research
- EML4930 - Special Topics in Mechanical Engineering
- EGN4042 - Problem Solving and Continuous Improvement Methods for Engineers
- MAS3105 - (GM) Linear Algebra
- MAP4231 - (GM) Operations Research
- EGS3065 - Professional Issues in Engineering

Or Any other 3000 or 4000 level courses with either an EEE, EEL, EMX, EML, EGN, EGS, or EMA prefix
Or Mechanical Engineering Graduate Level Courses (1-9)*
Or Material Science and Engineering Graduate Level Course (1-9)*

*Up to 6 credit hours of graduate level course work may be used towards technical electives at the undergraduate level. Students wishing to take graduate credits while in undergraduate status must receive approval from the School of Engineering Director prior to registering for the graduate level course(s). A grade of C or higher must be earned in the graduate level course(s) to satisfy technical elective requirements.

Additional Comments:

Program Details

Description
Adv Manufacturing Engineering

Code
ADM

American Sign Language/Deaf Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

American Sign Language/Deaf Studies (23 credits)
Type
Completion Requirement

Minor Prerequisites

Complete ALL of the following Courses:

- ASL2140 - American Sign Language I
- ASL2150 - American Sign Language II

Minor Required Courses

A minimum of nine (9) hours under "Required Courses" must be taken at UNF.

Complete ALL of the following Courses:

- ASL3435 - Fingerspelling and Numbering Systems in ASL
- ASL3514 - Deaf Culture
- ASL4131 - American Sign Language III
- ASL4211 - American Sign Language IV
- ASL3301 - ASL Structure

Additional Comments:

Program Details

Description
Amer Sign Lang/Deaf Studies

Code
ADS

Advertising, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
All courses in the major must be completed with a minimum grade of C or higher.

B.S. in Advertising majors must complete a minimum of 61 hours outside of journalism and mass communication.

B.S. in Advertising majors can take no more than 6 credit hours for internships.

Prerequisites (18 Credits)
Type
Completion Requirement

Additional Comments:
Course cannot include ENC or LIT prefix courses. 18 hours of coursework outside the major and beyond the 36 hours of general education requirements.

Foundation (12 Credits)
Type
Completion Requirement

Foundation

Complete ALL of the following Courses:

- SPC2608 - Fundamentals of Speech
- MAR3023 - Principles of Marketing
  OR ADV3812 - Integrated Marketing Communication

And, select one 2000-level STA course (3 Credits)

Additional Comments:

Core Requirements (16 Credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- MMC1004 - Media Literacy
- MMC3105 - Advanced Writing for the Media
- MMC3200 - Law and Ethics of Communications
- MMC3942 - Pre Internship in Communication
- MMC4975 - Internship Senior Project

MMC4302: Mass Communication Research and Theory (3 Credits)*

*Course pending state approval

Additional Comments:

Major Requirements
Type
Completion Requirement

Major Required Courses (15 Credits)

Complete ALL of the following Courses:

- ADV3008 - Principles of Advertising
- ADV3101 - Advertising Creative Strategy
- ADV3203 - Advertising Media Graphics
- ADV3300 - Media Planning
- ADV4800 - Advertising Campaigns

Major Electives (9 Credits)

Complete at least 3 of the following courses:

- ADV3200C - Advertising Design
- ADV4404 - Strategic Branding
- PUR3000 - Principles of Public Relations
- MMC3402 - Political Advertising
- MMC4630 - Understanding Emerging Media
- MMC3002 - Social Media for Communication
- MMC4732 - Social Media Management
- ADV3812 - Integrated Marketing Communication
- MMC4422 - Advertising & PR Research

Additional Comments:

Program Details

Description
Advertising

Code
ADV

Africana Studies, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Foundation (9 Credits)
Type
Completion Requirement

Foundation

Complete ALL of the following Courses:

- AFS3262 - African Diaspora Studies
- AMH3571 - Introduction to African-American History
- ANT4352 - (FC) Peoples and Cultures of Africa
  OR AFH3450 - (FC) South Africa
  OR AFH3100 - Ancient Africa to 1850
  OR AFH3252 - War, Genocide, and HIV in Mod. Africa
  OR CPO3213 - Politics and Society in Subsaharan Africa

Additional Comments:
Or, relevant Africa-focused coursework approved by the program director

Core Requirements (12 credits)
Type
Completion Requirement

Core Requirements

Complete at least 4 of the following courses:

- PHM3128 - Philosophy of Race and Racism
- REL3152 - Race and Religion in the United States
- ARH3631 - African American Art History
- AML3621 - (GW) Black American Literature
- AMH3673 - The Civil Rights Movement
- ANT4352 - (FC) Peoples and Cultures of Africa
- MUH3055 - FC - African American Musical Heritage
- SYD3700 - Sociology of Race & Ethnicity
- LAS3020 - (FC) Peoples and Cultures of the Caribbean

Or, additional coursework to be approved by the program director.

Additional Comments:

No Concentration Requirements (15 Credits)
Type
Completion Requirement

Foundation: Methods Course (3 credits)

Only two transfer courses will apply towards major requirements. A grade of C or better is required in all major courses. Students will be required to complete all prerequisites needed for individual major courses. Individual courses may be used only once to meet program requirements or electives. Students may cross-count up to 9 credits for a minor or a second major, on approval from that program.

Complete at least 1 of the following courses:

- ANT4083 - Quantitative Methods in Anthropology
- ANT4497 - Ethnographic Methods
- CCJ3700 - Research Methods in Criminology & Criminal Justice
- ECO3411 - Business and Economic Statistics
- ENG3816 - Digital Methods in Literary Studies
- ENG4004 - Research Methods in English
- GIS3043 - Introduction to Geographic Information Systems
- HIS3051 - (GW) The Craft of the Historian
- IDS3053 - Introduction to Interdisciplinary Inquiry
- PAD4144 - Nonprofit Management
- PHI3084 - Philosophical Methods
- POS3733 - Research Design for Political Scientists
- POS3734 - Research Analysis for Political Scientists
- REL3102 - Religion as Culture
- PSY3213 - Research Methods in Psychology
- SYA3300 - Sociological Research Methods
- SYA3310 - Qualitative Research Methods

Or, relevant methods coursework approved by the program director.

Capstone Experience (3 credits)

Capstone Experience
At the end of their program, students will complete a capstone experience, which may involve an internship, a directed independent study, a relevant study abroad, a TLO, community-based experience, or other project in consultation with the program director.

Electives (9 credits)

Students are encouraged to gain a wide variety of disciplinary skills and perspectives. Special Topics or other courses on Race, Africa, African-American, or African Diaspora themes from any department may be included, after consultation with the program director. Some courses listed here may be offered on a limited basis, please consult with your advisor. Students are encouraged to consider how electives might complement their minor or a double-major.

Complete at least 3 of the following courses:

- AFH3450 - (FC) South Africa
- AMH3170 - Civil War/Reconstruction
- AFH3100 - Ancient Africa to 1850
- AMH3402 - The American South Through the 19th Century
- AMH3403 - The American South from the 20th Century
- AFH3252 - War, Genocide, and HIV in Mod. Africa
- ENL4230 - Literatures of the Atlantic
- LIT5934 - Topics in Literature
- EUH3932 - Selected Topics: European History
- HIS3490 - History of Medicine and Disease
- ENC4436 - Writing as Social Action
- MUH2018 - The Evolution of Jazz
- MUH3024 - Evolution of Jazz II
- PHP3790 - American Philosophy
- PHI3601 - Ethics
- PHI3640 - Environmental Ethics
- PHM4340 - Contemporary Political Philosophy

- LAS3020 - (FC) Peoples and Cultures of the Caribbean
- FRT3550 - (FC) Faces of France
- FRE3502 - (FC) French and Francophone Cultures
- FRE4930 - (FC) Special Topics in French Culture
- FOL3953 - (FC) Advanced Foreign Language Study Abroad
- REL3120 - Religion in America
- REL3101 - Religion and Popular Culture
- REL3127 - Religion and the Courts
- REL3148 - Religion and Violence
- POS3142 - Politics and Policy in Urban Government
- CPO3213 - Politics and Society in Subsaharan Africa
- CPO4034 - Politics of Developing Countries
- POS3931 - Special Topics in Politics
- SOP3004 - Social Psychology
- SOP3515 - Fundamentals of Conflict Transformation
- SOP3751 - Psychology and the Law
- SOP3723 - Culture and Psychology
- SPC4064 - Public Speaking for Professionals
- ANT3355 - The African Diaspora
- SYD3410 - Urban Sociology
- SYD4702 - Race, Place and Inequality
- SYG2013 - Sex, Race and Social Class: A Sociological Examination of Culture and Diversity
- SYP4351 - Social Movements and Social Change
- SYA4930 - Special Topics in Sociology
- CCJ2002 - Crime in America
- CCJ4662 - Minorities and Crime
- ARH3453 - Post War Art: 1940-1980
- ARH3475 - Contemporary Art: 1980 to Present
- ARH3583 - Tribal Arts
- ARH3621 - American Art I: 1492 to 1876
- ARH3623 - American Art II: 1876 to 1940
- FIL4882 - Cinema and Culture
- EDF2085 - Introduction to Diversity for Educators
- GEO3553 - Cultural Dimensions of Economic Geography
- GEA3405 - Geography of Latin America and the Caribbean
- ECP3613 - Urban Economics

Minor Required (Credits will vary)

A minor is required for this major.*
The minor must be selected from the list of approved minors, including those outside the college of the major.

See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures - Foreign Language Option

Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select one two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

Foreign Language/Foreign Cultures - Foreign Culture Option

Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 6 HOURS OF FOREIGN CULTURE
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

Additional Comments:

Library and Archival Studies Concentration Requirements (27 Credits)
Type
Completion Requirement

Foundation: Required Course (3 credits)

The track will draw together existing courses in the DH Minor with courses on indigenous and African American history and literature, along with a proposed Library and Archival Foundations course. Faculty and students affiliated with UNF's Digital Humanities Institute and Africana Studies have collaborated for years on a variety of digital projects involving special collections at UNF and other area archives, nearly all of which are centered on local African American and/or indigenous history. Student interest in archival studies and library information science has accordingly grown rapidly. This concentration will meet student demand and bring curricular shape to the existing courses and internships in these areas. This track in Africana Studies would be the only pre-professional concentration in the Humanities wing of the College of Arts and Sciences.

Only two transfer courses will apply towards major requirements. A grade of C or better is required in all major courses. Students will be required to complete all prerequisites needed for individual major courses. Individual courses may be used only once to meet program requirements or electives. Students may cross-count up to 9 credits for a minor or a second major, on approval from that program.

Complete ALL of the following Courses:

- LIS3021 - Library and Archival Foundations

Concentration Requirements (24 credits)

Complete at least 8 of the following courses:

- AMH3170 - Civil War/Reconstruction

- AMH3402 - The American South Through the 19th Century
- AMH3403 - The American South from the 20th Century
- AMH3420 - Florida History
- AMH3580 - American Indian History
- DIG3176 - Introduction to the Digital Humanities
- DIG4152 - Digital Editing and Digital Archives
- ENC4415 - Rhetoric in the Digital Humanities
- ENC4436 - Writing as Social Action
- PHI3601 - Ethics
- SOP3723 - Culture and Psychology
- SPC4064 - Public Speaking for Professionals
- SYP4351 - Social Movements and Social Change
- ANT3355 - The African Diaspora
- ARH3583 - Tribal Arts

Additional Comments:

Program Details

Description
Africana Studies

Code
AFS

AI for Business, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: AI for Business (12 Credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with an undergraduate degree or as a standalone certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

Students must earn a grade of C or better in all required courses and prerequisites.

Current UNF students will need to meet with their academic advisor to add the certificate to their plan of study.

Complete ALL of the following Courses:

- IDC2000 - The Beauty and Joy of Computing
- IDC2002 - AI for All
- BUL3130 - The Legal Environment of Business

Additional Comments:

Program Details

Description
AI for Business

Code
AIB

AI for Construction, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: AI for Construction (12 Credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with an undergraduate degree or as a standalone certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

Students must earn a grade of C or better in all required courses and prerequisites.

Current UNF students will need to meet with their academic advisor to add the certificate to their plan of study.

Complete ALL of the following Courses:

- IDC2000 - The Beauty and Joy of Computing
- IDC2002 - AI for All
- BUL3130 - The Legal Environment of Business
- BCN4302 - Building Information Modeling

Additional Comments:

Program Details

Description
AI for Construction

Code
AIC

AI for Engineers, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: AI for Engineers (12 Credits)

Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with an undergraduate degree or as a standalone certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

Students must earn a grade of C or better in all required courses and prerequisites.

Current UNF students will need to meet with their academic advisor to add the certificate to their plan of study.

Complete ALL of the following Courses:

- IDC2002 - AI for All
- COP3503 - Programming II
- CAP4630 - Introduction to Artificial Intelligence
- EGN3203 - Modern Computational Methods
  OR CWR3561 - Numerical Methods and Computing in Civil and Coastal Engineering
  OR EEL3013 - Modeling and Simulation in Electrical Engineering

Additional Comments:

Program Details

Description
AI for Engineers

Code
AIE

International Business, BBA (Alicante)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The UA/UNF double degree is an exciting opportunity to spend two years at the University of Alicante and two years at UNF, including a three month internship in the United States (Alicante to UNF) or Spain (UNF to Alicante). Students who complete both UNF and UA requirements earn two degrees: a Bachelor of Business Administration from UNF and The Degree in Business Administration and Management ("Grado en Administracion y Direccion de Empresas") from the University of Alicante.

The degree evaluation below reflects only the requirements to earn the UNF degree. In order to earn the University of Alicante degree, additional requirements must be met. These are listed on the UA/UNF program website under the Curriculum tab; they include the following:

Alicante to UNF

- completing additional coursework at UA (Spain)
- completing a bachelor's thesis
- fulfilling internship experience in the United States

UNF to Alicante

- completing additional coursework at UA (Spain)
- maintaining a minimum UNF GPA of 2.7 prior to studying at UA
- completing a bachelor's thesis
- fulfilling internship experience in Spain

International Business majors must apply for a passport in the first semester of the program.

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

Alicante to UNF

All prerequisites, excluding ACG2071 and CGS1100, are taken at the University of Alicante.

UNF to Alicante

Students are required to complete the Coggin Career Readiness Certificate with the Coggin Career Management Center by the end of their second year at UNF, prior to taking classes at the University of Alicante. Students must maintain a minimum of 2.7 GPA in order to study abroad at the University of Alicante in Spain.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

Alicante to UNF

MAN4720 is taken during the final semester of on-campus coursework, the semester prior to beginning the internship. MAN3025, MAR3023 and FIN3403 must be completed prior to taking MAN4720. MAN3025, MAN3504 and MAR3023 are taken at the University of Alicante.

UNF to Alicante

MAN 4720 is taken in a student's last semester, following completion of the internship in Spain. FIN3403, MAN3025, & MAR3023 must be completed prior to taking MAN4720.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

You must pre-apply at www.unf.edu/coggin for MAN4720.

Additional Comments:

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

Alicante to UNF

Students are also required to complete the Coggin Career Readiness Certificate program with the Coggin Career Management Center prior to starting their mandatory internship.

UNF to Alicante

All International Business Majors are required to participate in an approved international educational experience. FIN4604, MAN4600 and MAR4156 will be taken at University of Alicante.

Complete ALL of the following Courses:

- ECO3704 - International Trade
- FIN4604 - International Finance
- MAN4600 - International Management
- MAR4156 - International Marketing

Additional Comments:

Major Electives (6 credits)
Type
Completion Requirement

Major Electives

A grade of "C" or better is reguired in all courses in this area.

UNF to Alicante

These courses are taken at the University of Alicante.

Complete at least 2 of the following courses:

- ACG4956 - Study Abroad in Accounting
- BUL4322 - International Business Law
- ECO4713 - The International Monetary System
- ECO4956 - Study Abroad in Economics
- ECS3013 - Economic Development
- ECS3403 - Current Issues in the Economy of Latin America
- ECS3303 - Current Issues in the Economics of the European Union
- FIN4956 - Study Abroad in Finance
- GEB4956 - Study Abroad in Business
- GEO3502 - Economic Geography
- MAN4064 - Organizational Ethics: A Global Perspective
- MAN4654 - Comparative Business Practices: European Union and the U.S.
- MAN4956 - Study Abroad in Management
- MAR4956 - Study Abroad in Marketing
- SPN3013 - (FC) Spanish For Business
- TAX4901 - Directed Independent Study in Taxation
- TRA4721 - International Logistics
- TRA4956 - Study Abroad in Logistics

Additional Comments:

Internships (3 credits)
Type
Completion Requirement

Internships

Alicante to UNF

Students must complete the Coggin Career Readiness Certification program prior to beginning their internship. The internship takes place in the United States during the student's final semester(s) at UNF. International students are responsible for procuring appropriate immigration documents within the necessary time frame.

UNF to Alicante

Internship in Spain must be completed before final semester.

Complete ALL of the following Courses:

- GEB3361 - International Business Internship

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Additional Comments:
Alicante to UNF

6 semester hours are required. A grade of "C" or better is required for all courses in this area. One of the courses must satisfy the Coggin College of Business cultural diversity requirement.

UNF to Alicante

Regional Studies courses will be taken at University of Alicante.

ASIAN Studies option
EUROPEAN Studies
LATIN AMER Studies Option
MID EAST & African Studies option
INTER REL International Relations Option
FRENCH LAN French Language Option
SPANISH Language Option

Required Business (6 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area. ECO 3411 is taken at the University of Alicante.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ECO3411 - Business and Economic Statistics

Additional Comments:

Non-Business Requirements (3 credits)
Type
Completion Requirement

Non-Business Requirements

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

Additional Comments:

Experimental Courses
Type
Completion Requirement

Additional Comments:
All International Business majors are required to have an international experience prior to graduation. Students with the UA concentration will satisfy this upon completion of their additional UA requirements.

EXPERIENCE International

Alicante to UNF Concentration Requirements (6 credits)
Type
Completion Requirement

Concentration Requisites

Select 2 foreign language courses at the intermediate level or above. Both courses must be in the same language. A grade of "C" of better is required for all courses in this area.

Complete ANY of the following Courses:

- SPN2200 - (FC) Intermediate Spanish I
  AND SPN2201 - (FC) Intermediate Spanish II
- FRE2240 - (FC) Intermediate French I
  AND FRE2241 - (FC) Intermediate French II
- GER2200 - (FC) Intermediate German I
  AND GER2201 - (FC) Intermediate German II
- CHI2200 - (FC) Intermediate Chinese I
  AND CHI2201 - (FC) Intermediate Chinese II

Additional Comments:

UNF to Alicante Concentration Requirements (6 credits)
Type
Completion Requirement

Concentration Requisites

Select 2 foreign language courses at the intermediate level or above. SPN 2200 and SPN 2201 must be taken for the Alicante double degree program. A grade of "C" of better is required for all courses in this area.

Complete ALL of the following Courses:

- SPN2200 - (FC) Intermediate Spanish I
- SPN2201 - (FC) Intermediate Spanish II

Additional Comments:

Program Details

Description
International Business

Code
ALI

Advanced Literary Practices for Engaging Learners, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Advanced Literacy Practices for Engaging Learners (9 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- RED6657 - Evidence-Based Literacy Instruction
- RED6345 - Motivation and Engagement in Literacy Learning
- RED6334 - Reading and Writing Across the Content

Additional Comments:

Program Details

Description
Adv Lit Prac for Eng Lrnrs

Code
ALP

Ancient Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Ancient Studies (15 credits)
Type
Completion Requirement

Minor Required Course

9 credit hours must be taken at UNF. 9 credit hours must be upper level (3000/4000). A grade of C or better is required for all minor courses.

Complete at least 1 of the following courses:

- EUH3403 - (FC) Ancient Greece
- EUH3411 - (FC) Ancient Rome

- ASH3200 - (FC) - Ancient Near East
- PHH3820 - (FC) Chinese Philosophy
- PHH3840 - (FC) Philosophies of India

Minor Electives

Complete at least 4 of the following courses:

- AFH3100 - Ancient Africa to 1850
- AFH3301 - Ancient Egypt
- ASH3201 - (FC) Ancient Israel
- CLT4110 - Classical Background of Western Literature
- EUH3013 - Greek and Roman Myth
- EUH3403 - (FC) Ancient Greece
- EUH3411 - (FC) Ancient Rome
- PHH3100 - Ancient Greek Philosophy
- PHH3120 - (FC) The Greek Experience
- PHH3104 - Socrates and the Sophists
- ASH3200 - (FC) - Ancient Near East
- PHH3201 - Jewish and Islamic Philosophy in the Classical Tradition
- PHH3810 - Introduction to Buddhism
  OR REL3340 - Introduction to Buddhism
- PHH3820 - (FC) Chinese Philosophy
- PHH3860 - (FC) Japanese Philosophy
- PHH4821 - Confucianism
  OR REL4353 - Confucianism
- PHH3840 - (FC) Philosophies of India
- EUH4103 - From Homer to Herodotus: Greece in the Archaic Age
- EUH4408 - Alexander the Great
- ARH3130 - Ancient Greek Art and Architecture
- REL3074 - Myths and Rituals
- REL3213 - Hebrew Bible/Old Testament
- REL3241 - New Testament
- REL3330 - Religions of India

3 of the 4 courses must be taken from different prefixes.

Students may also select special topics courses approved by the Ancient Studies faculty to meet the above requirement.

Additional Comments:

Program Details

Description
Ancient Studies

Code
ANS

Anthropology, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (6 credits)

Type
Completion Requirement

Prerequisites

Requires grades of "C" or above.

Select 2 1000-2000 level ANT: Anthropology courses

Additional Comments:

Major Requirements (21 credits)
Type
Completion Requirement

Required Seminar

Grades of "C" or higher required in all courses.

Complete ALL of the following Courses:

- ANT3933 - Seminar in Anthropology

Foundational Courses (6 Credits)

Complete at least 2 of the following courses:

- ANT3610 - Linguistic Anthropology
- ANT3514 - Principles of Physical Anthropology
- ANT3101 - Fundamentals of Archaeology
- ANT3414 - Principles of Socio Cultural Anthropology

Theory Courses (6 Credits)

Complete at least 2 of the following courses:

- ANT4034 - Theories and Issues in Cultural Anthropology
- ANT4115 - Archaeological Research Strategies
- ANT4620 - Language, Culture, and Society
- ANT4241 - Anthropology of Religion
- ANT3462 - Health, Illness and Culture
- ANT4020 - Humans, Animals, and Culture

High Impact Courses (6 Credits)

Complete at least 2 of the following courses:

- ANT4083 - Quantitative Methods in Anthropology
- ANT4497 - Ethnographic Methods
- ANT4821 - Archaeological Field Methods
- ANT4180 - Archaeological Lab Methods
- ANT4940 - Internship in Anthropology
- ANT4931 - Selected Topics in Cultural Anthropology

Additional Comments:

Major Electives (9 credits)
Type
Completion Requirement

Major Electives

Complete at least 3 of the following courses:

- ANT4821 - Archaeological Field Methods
- ANT4180 - Archaeological Lab Methods
- ANT4620 - Language, Culture, and Society
- ANT4497 - Ethnographic Methods
- ANT4905 - Directed Independent Study in Anthropology
- ANT4931 - Selected Topics in Cultural Anthropology
- ANT4083 - Quantitative Methods in Anthropology
- ANT4274 - Political Anthropology

- ANT4034 - Theories and Issues in Cultural Anthropology
- ANT4444 - Cities and Globalization
- ANT4158 - Florida Archaeology
- ANT3243 - (FC) Comparative Muslim Cultures
- ANT4241 - Anthropology of Religion
- ANT3355 - The African Diaspora
- ANT4413 - Gender Anthropology
- ANT3212 - (FC) Peoples and Cultures of the World
- ANT3312 - (FC) North American Indians
- ANT4352 - (FC) Peoples and Cultures of Africa
- ANT4025 - The Anthropology of Death
- ANT3462 - Health, Illness and Culture
- ANT4970 - Honors Thesis in Anthropology
- ANT3321 - Peoples & Cultures of Mexico
- ANT4020 - Humans, Animals, and Culture
- ANT4274 - Political Anthropology
- ANT4940 - Internship in Anthropology
- ANT4115 - Archaeological Research Strategies

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select one two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Free Electives (1 credits)
Type
Completion Requirement

Free Electives

Select 1 3000/4000 Level Credit
This degree requires a minimum of 120 total hours with 48 upper (3000/4000) level hours. Free electives may be courses in any discipline (provided the required prerequisites are met) and they are the hours needed to satisfy the total hour requirement. These hours may vary (consult your advisor about free elective hours needed to graduate).

Additional Comments:

Program Details

Description
Anthropology

Code
ANT

Anthropology, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Anthropology (15 credits)
Type
Completion Requirement

Minor Required Courses

No more than 2 courses (6 semester hours) may be transferred in to satisfy minor course requirements. No more than 1 course (3 semester hours) may be at the lower division. A grade of C or better must be earned in each minor course.

Select 5 ANT Courses (2000/3000/4000)

Additional Comments:

Program Details

Description
Anthropology

Code
ANT

Applied Mathematics, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Applied Mathematics (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Because today's businesses depend upon your ability to analyze and interpret data you need the knowledge and technical skills to make decisions that stand up to scrutiny from your supervisors, clients, and customers. Graduate study in applied mathematics can provide you with the tools you need to be confident that your projects are backed by proven methodology, a solid plan, and strong data-driven assessments.

As a student in Applied Mathematics Certificate program, you can increase your understanding of mathematical models while you train on industry-standard software packages such as Maple, Matlab, and Mathematica. The program blends practical and theoretical analysis and will give you the tools and knowledge you need to handle and analyze data/modeling problems for your organization.

Students must possess graduate standing in order to enroll in the Applied Mathematics Certificate Program. In order to receive the Certificate in Applied Mathematics, students must have an average GPA in certificate courses of 3.0 and no grade below a C.

Important Notices:

- Please contact graduate advisor for an OFFICIAL program of study. This program is pending evaluation of official transcripts.
- Students must complete course prerequisites before registering for any graduate course. Refer to the course catalog for courses descriptions and prerequisite requirements.

Earn at least 15 credits from the following:

- MAP6605 - Topics in Financial Mathematics
- MAD6405 - Numerical Analysis
- STA6166 - Statistical Methods I
- MAP6336 - Ordinary Differential Equations
- MAP6345 - Partial Differential Equations
- MAP6385 - Scientific Computing
- MAT6933 - Special Topics in Mathematics
- MAP6489 - Mathematical Biology

Additional Comments:

Program Details

Description
Applied Mathematics

Code
APM

Art History, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (23 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- ARH2050 - Art History Survey I
- ARH2051 - Art History Survey II
- ART1300C - Drawing I
  OR ART2301C - Drawing II
- ART1201C - Two-Dimensional Design
  OR ART2203C - Three-Dimensional Design

And Select 1 language series:
The Completion of the beginning and intermediate sequences of a language or demonstration of competency through testing is required.

Additional Comments:

Art History Foreign Language (3 credits)
Type
Completion Requirement

Art History Foreign Language (3 Credits)

Select 1 Intermediate II Foreign Language course
CHI / FRE / GER / POR / RUS / SPN

Additional Comments:

Major Requirements (21 credits)
Type
Completion Requirement

Major Required Courses

Complete ALL of the following Courses:

- ARH3811 - Junior Methods Seminar
- ARH4910 - Senior Research Seminar

Ancient & Medieval Course

Complete at least 1 of the following courses:

- ARH3130 - Ancient Greek Art and Architecture
- ARH3150 - The Art and Architecture of Ancient Rome
- ARH3250 - Romanesque Art and Architecture
- ARH3202 - Medieval Art and Architecture

Renaissance or Baroque Course

Complete at least 1 of the following courses:

- ARH3302 - Italian Renaissance Art
- ARH3319 - The Art and Architecture of Michelangelo
- ARH3331 - Northern Renaissance Art
- ARH3350 - Baroque Art
- ARH3354 - Rubens to Rembrandt: Netherlandish Baroque Art

American Course

Complete at least 1 of the following courses:

- ARH3631 - African American Art History
- ARH3621 - American Art I: 1492 to 1876
- ARH3623 - American Art II: 1876 to 1940

Modern Course

Complete at least 1 of the following courses:

- ARH3410 - Modern European Art I
- ARH3434 - Modern European Art II
- ARH3404 - British Art: Hogarth to Hirst
- ARH3453 - Post War Art: 1940-1980
- ARH3475 - Contemporary Art: 1980 to Present

Non-Western Course

Complete at least 1 of the following courses:

- ARH3583 - Tribal Arts
- ARH3930 - Special Topics in Art History
- ARH3574 - Early Islamic Art
- ARH3571 - Islamic Architecture

Additional Comments:

Major Electives (9 credits)
Type
Completion Requirement

Major Electives

Select 3 3000-4000 Level ARH Electives

Additional options include:

Complete ANY of the following Courses:

- ARH3043 - Economic History of Art
- ARH3883 - The Apocalypse in Medieval and Early Modern Art
- ARH3888 - Art of Disney
- ARH3955 - Art History on Site
- ARH4941 - Internship in Art History
- ARH4905 - Directed Individual Study

Or Any ARH 3000-level course that has not been used to fulfill major requirements may be applied to major electives.

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Program Details

Description
Art History

Code
ARH

Art History, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Art History (15 credits)
Type
Completion Requirement

Minor Required Courses

A minimum of 50% of the courses required for any fine arts minor must be taken at UNF. A minimum of 9 semester hours of upper level courses is required for the art history minor. A grade of C or better is required for all minor courses.

Courses used in the art major may not be duplicated in any of the art minors. Instead, substitute courses will be required.

Complete ALL of the following Courses:

- ARH2050 - Art History Survey I
- ARH2051 - Art History Survey II

Minor Electives

Select 3 3000-4000 Level Art History (ARH) Courses

Additional Comments:

Program Details

Description
Art History

Code
ART1

Sculpture, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Sculpture (18 credits)
Type
Completion Requirement

Minor Required Course

A minimum of 50% of the courses required for any fine arts minor must be taken at UNF. Courses taken with lower-level numbers may be used as part of the minor, but a minimum of 9 semester hours in upper-level courses are required for all minors.

Courses used in the art major may not be duplicated in any art minors. Instead, substitute courses will be required.

Courses must be taken in sequence. If a course is a prerequisite for a second course, it may not be taken at the same time. Written permission from the department chair is required to override either of these policies.

Complete ALL of the following Courses:

- ART3707C - Sculpture I

Minor Art Electives

Complete at least 3 of the following courses:

- ART3707C - Sculpture I
- ART2203C - Three-Dimensional Design
- ART3786C - Ceramics
- ART1201C - Two-Dimensional Design
- PGY2401C - Basic Black and White Film Photography 1
- ART2500C - Painting I
- ART2400C - Introduction to Printmaking
- ARH3453 - Post War Art: 1940-1980

NOTE: All non-Art majors must take Three-Dimensional Design and Post-War Art.

Additional Sculpture Courses

Complete at least 2 of the following courses:

- ART3709C - Sculpture II
- ART4710C - Sculpture III
- ART4736C - Sculpture: Enlivened Spaces
- ART3714C - Sculpture: Casting

Additional Comments:

Program Details

Description
Sculpture

Code
ART8

Painting, Drawing, Printmaking, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Painting, Drawing, Printmaking (24 credits)
Type
Completion Requirement

Minor Required Coursess

A minimum of 50% of the courses required for any fine arts minor must be taken at UNF. Courses taken with lower-level numbers may be used as part of the minor, but a minimum of 9 semester hours in upper-level courses are required for all minors.

Courses used in the art major may not be duplicated in any art minors. Instead, substitute courses will be required.

Courses must be taken in sequence. If a course is a prerequisite for a second course, it may not be taken at the same time. Written permission from the department chair is required to override either of these policies.

Complete ALL of the following Courses:

- ART1300C - Drawing I
- ART2301C - Drawing II
- ART1201C - Two-Dimensional Design
- ART1205C - Color Theory
- ART2500C - Painting I
  OR ART2330C - Figure Drawing I
  OR ART2400C - Introduction to Printmaking

Minor Electives

Select 3 3000-4000 Level Courses
Select 2 Art (ART) Electives
Select 1 Art History (ARH) Elective

Additional Comments:

Program Details

Description
Painting, Drawing, Printmaking

Code
ART9

Advanced Secondary Instruction, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Advanced Secondary Instruction (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EDG6070 - Teacher Thinking and Decision Making In School Settings

Certificate Electives

Select 4 Electives at 5000-Level or Higher
Students pursuing the Advanced Secondary Instruction Certificate should choose 4 electives in consultation with a faculty advisor. Electives must enhance pedagogical, curricular, or content knowledge, thus electives may be selected from graduate courses both/either inside and outside of the College of Education and Human Services. Students should consult with their faculty advisor to select courses that will benefit their personal educational goals.

Additional Comments:

Program Details

Description
Adv. Secondary Instruction

Code
ASI

Astronomy, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (28 Credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

Additional Comments:

Core Requitements (15 Credits)
Type
Completion Requirement

Core Requirements

Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. Grades of C or above must be earned in all core requirements.

Complete ALL of the following Courses:

- COP2220 - Programming I
- PHY1024 - Exploring Majoring in Physics
- PHY3101 - Modern Physics
- PHY3101L - Modern Physics Laboratory
- PHZ3113C - Mathematical Physics
- PHY4802L - Advanced Physics Laboratory
- PHY4910 - Physics Research and Seminar 1
- PHY4911 - Physics Research and Seminar 2

Additional Comments:

Major Requirements (26 Credits)
Type
Completion Requirement

Major Requirements

Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. Grades of C or above must be earned in all major requirements.

Complete ALL of the following Courses:

- AST3414 - Cosmology
- COP3503 - Programming II
- CAP3784 - Introduction to Data Analytics
- STA3163 - (GM) Statistical Methods I

Stellar Astronomy (4 Credits)*

Planetary Systems (4 Credits)*

Galaxies (4 Credits)*

*Courses pending state approval

Additional Comments:

Major Electives (9-12 Credits)
Type
Completion Requirement

Major Electives

Select 3 courses from the following, at least 2 courses of which must have a prefix of CAP, CAI, CIS, COP, COT, or STA. Grades of C or above must be earned in all major electives.

Complete at least 3 of the following courses:

- CIS3253 - (GW) Legal and Ethical Issues in Computing
- COT3100 - Computational Structures
- COP3703 - Introduction to Databases
- CAP4770 - Data Mining
- COP3530 - Data Structures
- CAP4630 - Introduction to Artificial Intelligence
- COT4400 - Algorithms
- COT4111 - Computational Structures II
- CAI4105 - Machine Learning
- COT4560 - Applied Graph Theory
- MAS3105 - (GM) Linear Algebra
- MAP4231 - (GM) Operations Research
- STA3164 - (GM) Statistical Methods II
- STA4321 - (GM) Probability and Statistics
- STA4202 - (GM) Design of Experiments
- STA4502 - (GM) Nonparametric Methods in Statistics
- STA4504 - (GM) Categorical Data Analysis
- STA4664 - Statistical Quality Control
- STA4853 - Statistical Techniques for Time Series and Forecasts
- PHY4523 - Thermodynamics and Statistical Mechanics
- PHY4320 - Electricity and Magnetism
- PHY3220 - Classical Mechanics
- PHY3424C - Optics with Laboratory
- PHY3722C - Electronics for Scientists

Additional Comments:

Program Details

Description
Astronomy

Code
ASR

Applied Statistics, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Applied Statistics (19 credits)
Type
Completion Requirement

Minor Required Courses

A grade of C or better is required for all minor courses. Requests for transfer courses must be approved by the department chairperson.

Complete at least 1 of the following courses:

- STA2023 - (GM) Introductory Statistics
- STA3163 - (GM) Statistical Methods I
- STA3164 - (GM) Statistical Methods II

Minor Electives

Complete at least 3 of the following courses:

- STA4202 - (GM) Design of Experiments
- STA4222 - Design of Sample Surveys
- STA4502 - (GM) Nonparametric Methods in Statistics
- STA4504 - (GM) Categorical Data Analysis
- STA4664 - Statistical Quality Control
- STA4906 - Directed Individual Studies
- STA4930 - Special Topics in Statistics
- STA4853 - Statistical Techniques for Time Series and Forecasts

Additional Comments:

Program Details

Description
Applied Statistics

Code
AST

Athletic Training, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:

- Satisfactorily complete all courses required by the program and approved by the university.
- Satisfactorily complete all clinical requirements.
- Earn no more than 2 grades of less than B throughout the program.
- Attain a 3.0 GPA average in all work counting toward the graduate degree.
- Be in good standing; not subject to any sanction by the University community or the Brooks College of Health.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook or program director for the specifics.

Prerequisites
Type
Completion Requirement

Prerequisites

Applicants must demonstrate completion with a minimum grade of "C" at the undergraduate or graduate levels in each of the subject areas listed below. Any substitutions to the courses below are made at the time of evaluation for admission into the MSAT Program.

Complete ALL of the following Courses:

- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II
- PHY1028 - Introduction to Physics
  AND PHY1028L - Introduction to Physics Laboratory
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- BSC1010C - General Biology I
- STA2023 - (GM) Introductory Statistics
  OR STA2023C - (GM) Introductory Statistics with Recitation
- HUN2201 - Basic Principles of Human Nutrition
- PSY2012 - Introduction to Psychology
- PET3312C - Biomechanics
  OR PET3310 - Kinesiology
- HSC4612 - Exercise Physiology for Health Science

General Chemistry I Lab, General Biology Lab, Introduction to Physics/Lab are preferred, but not required.

Additional Comments:

Major Requirements (54 credits)
Type
Completion Requirement

Major Requirements

Must be completed with a grade of "C" or higher

Complete ALL of the following Courses:

- ATR5126C - Gross Anatomy for Athletic Trainers
- ATR5105C - Foundations in Athletic Training
- ATR5217C - Orthopedic Assessment and Diagnosis I
- ATR5306C - Therapeutic Interventions I
- ATR5119C - Emergency Management of Athletic Trauma
- ATR5815C - Clinical Integration I
- ATR5218C - Orthopedic Assessment and Diagnosis II
- ATR5307C - Therapeutic Interventions II
- ATR5406C - Clinical Medicine
- ATR5825C - Clinical Integration II
- ATR6308C - Therapeutic Interventions III
- ATR6516 - Athletic Training Administration
- ATR6617 - Research Methods
- ATR6945L - Clinical-Decision Making I
- ATR6835C - Clinical Integration III
- ATR6505C - Seminar in Athletic Training
- ATR6618 - Applied Research
- ATR6946L - Clinical-Decision Making II
- ATR6845C - Clinical Integration IV

Additional Comments:

Program Details

Description
Athletic Training

Code
ATH

Health Science: Kinesiology/Lifestyle Medicine, MSH

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Prerequisites

The requirements listed below are prerequisites for the Master of Science in Health (MSH)- Health Science major in Kinesiology and Lifestyle Medicine (KALM). The course numbers listed below are the ones offered at the University of North Florida. Any substitutions to these requirements are made at the time of evaluation for admission into the MSH Program.

Complete ALL of the following Courses:

- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (33 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- APK6336 - Physical Activity Epidemiology and Evidence Review
- APK6116C - Exercise Physiology and Laboratory Techniques
- PHC6050 - Public Health Biostatistics I
- APK6111C - Medical Exercise Physiology
- APK6107C - Cardiovascular Exercise Physiology and ECG
- APK6127C - Human Physiological Assessment
- APK6057 - Research in Kinesiology and Lifestyle Medicine
- APK6176 - Advanced Concepts in Strength Training
- APK6235C - Physical Activity Measurement in Research and Medicine
- APK6415 - Behavioral Medicine
- APK5332 - Pharmacology for Chronic Diseases

Additional Comments:

Internships (6 credits)

Type
Completion Requirement

THESIS option:

Students who choose the thesis option will complete a six-credit research thesis.

Complete ALL of the following Courses:

- APK6972 - Thesis in Kinesiology and Lifestyle Medicine

NON-THESIS Internship/Project option:

Non-thesis students may complete either a three or six-credit internship or project. A six-credit internship project would fulfill the 39-credit degree requirement; the three-credit option would require students to take a three-credit elective to fulfill the 39-credit requirement.

Three or six credits in course below or Project in Kinesiology and Lifestyle Medicine are required.

Complete ALL of the following Courses:

- APK6942 - Internship or Project in Kinesiology and Lifestyle Medicine

If choosing a three-credit option, take a three-credit elective from the options below:

Complete at least 1 of the following courses:

- APK6056 - Special Topics in Kinesiology and Lifestyle Medicine
- PHC6003 - Chronic Disease Epidemiology
- HSC6509 - Nutritional Epidemiology
- EDA6930 - Grants Development and Project Design
- HUN7788 - Nutritional Genomics
- APK6900 - Independent Study in Kinesiology and Lifestyle Medicine
- APK6135 - Periodization

Additional Comments:

Program Details

Description
Health Science

Code
ATP

Business Administration, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Business Administration (30 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available for all majors where allowed, except business majors. A grade of "C" or better is required for all minor courses. A minimum of 12 credits of upper-level course work must be taken at UNF as part of the minor. Transient/concurrent enrollment at other institutions is not permitted. Prerequisites are strictly enforced.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- STA2023 - (GM) Introductory Statistics
- FIN3403 - Financial Management
- MAN3025 - Principles of Management

Minor Electives

Complete at least 2 of the following courses:

- BUL3130 - The Legal Environment of Business
- MAN3504 - Operations Management
- MAR3023 - Principles of Marketing

Additional Comments:

Program Details

Description
Business Administration

Code
BAD

Business Analytics, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
This program requires 30 credit hours. The Core Requirements (9 credits) and the Major Requirements (12 credits) are earned through graduate courses in the Coggin College of Business and School of Computing.

Core Requirements (9 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- CAP6768 - Data Analytics

- ISM6419 - Data Visualization
- ISM6404 - Applications of Business Analytics

Additional Comments:

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- COP6284 - Programming for Data Science
- ISM6021 - Management of Information Technology
- ECO6415 - Making Decisions with Data
- CEN6940 - Computing Practicum

Additional Comments:

No Concentration Requirements (9 credits)
Type
Completion Requirement

Electives

Select 9 credit hours of electives from an area of specialization. The list below provides sample elective courses to choose from. Other courses may be approved with permission of the CCB Graduate Program Director.

Complete at least 3 of the following courses:

- ACG6405 - Advanced Accounting Information Systems
- ECO6060 - Economic Analysis
- ECO6426 - Applied Econometrics
- ECP6705 - Economics of Business Decisions
- FIN6314 - Banking and FinTech
- FIN6515 - Investments
- FIN6778 - Foundations of FinTech
- GEO6506 - Economic Geography and Geographic Information Systems
- GEO6936 - Special Topics in Economic Geography
- GIS6051 - GIS and Geospatial Technologies
- MAN6501 - Modeling and Management of Operations
- MAN6525 - Process Management and Quality Improvements
- MAN6581 - Project Management
- MAN6785 - E-Business Strategy
- MAN6789 - Social Media and Business Analytics
- MAN6943 - Graduate Management Internship
- MAR6616 - Marketing Research
- MAR6726 - Digital Marketing Analytics
- SPB6946 - Practicum in Sport Analytics & Athletic Administration
- SPM6705 - Applied Sport Analytics
- SPM6709 - Introduction to Sport Analytics
- TRA6015 - Graduate Survey in Transportation
- TRA6157 - Supply Chain Management
- TRA6216 - Strategic Logistics Management
- TRA6725 - International Logistics

Additional Comments:

Sports Analytics Concentration Requirements (9 credits)
Type
Completion Requirement

Sports Analytics Concentration Requirements

Complete ALL of the following Courses:

- SPM6709 - Introduction to Sport Analytics
- SPM6705 - Applied Sport Analytics
- SPB6946 - Practicum in Sport Analytics & Athletic Administration

Additional Comments:

FinTech Concentration Requirements (9 credits)
Type
Completion Requirement

FinTech Concentration Requirements

Complete ALL of the following Courses:

- FIN6778 - Foundations of FinTech
- FIN6314 - Banking and FinTech
- FIN6515 - Investments

Additional Comments:

Geographic Information Systems Concentration Requirements (9 credits)
Type
Completion Requirement

Geographic Information Systems Concentration Requirements

Complete ALL of the following Courses:

- GEO6506 - Economic Geography and Geographic Information Systems
- GIS6051 - GIS and Geospatial Technologies
- GEO6936 - Special Topics in Economic Geography

Additional Comments:

Marketing Analytics Concentration Requirements (9 credits)
Type
Completion Requirement

Marketing Analytics Concentration Requirements

Complete ALL of the following Courses:

- MAR6726 - Digital Marketing Analytics
- MAR6616 - Marketing Research
- MAR6506 - Consumer Behavior
  OR MAR6805 - Marketing Strategy
  OR MAR6055 - Fundamentals of Marketing

Additional Comments:

Logistics and Supply Chain Management Concentration Requirements (9 credits)
Type
Completion Requirement

Logistics and Supply Chain Management Concentration Requirements

Complete ALL of the following Courses:

- TRA6157 - Supply Chain Management
- TRA6216 - Strategic Logistics Management
- TRA6015 - Graduate Survey in Transportation
  OR TRA6725 - International Logistics

Additional Comments:

Econometrics Concentration Requirements (9 Credits)
Type
Completion Requirement

Econometrics Concentration Requirements

Complete at least 3 of the following courses:

- ECO6426 - Applied Econometrics
- ECO6427 - Microeconometrics
- ECO6433 - Economic Forecasting
- ECO6906 - Directed Individual Studies

Additional Comments:

Program Details

Description
Business Analytics

Code
BAL

FinTech for Computing Majors, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: FinTech for BS Computing Majors (15 credits)
Type
Completion Requirement

Minor Required Courses

All coursework in the minor must be completed with a grade of "C" or better. This minor is available to BS Computing majors. All coursework in the minor must be taken at UNF. A "one repeat" rule is enforced. Students not completing a minor requirement on the first attempt, including earning a final course grade of a W, will have only one other chance to repeat the course.

Complete ALL of the following Courses:

- FIN3450 - Foundations of FinTech
- FIN4504 - Investments
- FIN3403 - Financial Management
- FIN3303 - Financial Markets and Institutions
- FIN4451 - Capstone in FinTech

Additional Comments:

Program Details

Description
FinTech for Computing

Code
BAL3

FinTech for Finance and Accounting Majors, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: FinTech for Finance and Accounting Majors (15 credits)
Type
Completion Requirement

Minor Required Courses

All coursework in the minor must be completed with a grade of 'C' or better. This minor is available to BA Finance and Accounting Majors. All coursework in the minor must be taken at UNF. A "one repeat" rule is enforced. Students not completing a minor requirement on the first attempt, including earning a final course grade of a W, will have only one chance to repeat the course.

Complete ALL of the following Courses:

- IDC2000 - The Beauty and Joy of Computing
- COP3045 - Introduction to Python Programming
- STA3163 - (GM) Statistical Methods I
- FIN3450 - Foundations of FinTech
- FIN4451 - Capstone in FinTech

Additional Comments:

Program Details

Description
FinTech for Fin and Acct

Code
BAL4

Business Analytics, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Business Analytics (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Students apply for the certificate program through the Graduate School and must meet admission requirements. Please see the Graduate Certificate Programs page for more information.

Fifteen credit hours will be required for the Business Analytics certificate. Twelve credits hours required courses plus one (1) three credit area focus electives from the list provided. In order to recieve the Business Analytics Certificate students must have an average GPA in certificate courses of 3.0 or better and no grade below a 'C'.

Complete ALL of the following Courses:

- ISM6021 - Management of Information Technology
- ECO6415 - Making Decisions with Data
- CAP6768 - Data Analytics
- CEN6940 - Computing Practicum

Certificate Electives

Complete at least 1 of the following courses:

- ISM6404 - Applications of Business Analytics
- GEO6506 - Economic Geography and Geographic Information Systems
- MAN6581 - Project Management
- MAN6525 - Process Management and Quality Improvements
- MAN6789 - Social Media and Business Analytics

The elective option should be taken in the second term.

Additional Comments:

Program Details

Description
Business Analytics

Code
BAN

BCM International, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: BCM International (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may only enroll in the certificate in conjunction with a degree-seeking program. Please see the Undergraduate Certificate Programs page for more information.

BCM Program total is 64 upper division semester not including the certificate requirements. Internship can be taken for up to 6 credit hours: 3 for internship and 3 to replace BCN3012 History of Construction. Also, an approved International Construction internship can be substituted for the Study Abroad or other approved International Construction course. All international courses can be substituted within the Building Construction degree program where applicable. Students may exceed 126 hours to meet International Certificate requirements.

Complete ALL of the following Courses:

- BCN3012 - History and Introduction to Construction
- BCN4956 - Study Abroad in Construction Management

Additional Comments:

Program Details

Description
BCM International Certificate

Code
BCC

Building Construction, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
Department of Construction Management Policies:

- All courses must be completed with a grade of C or better unless otherwise noted.
- Once enrolled at UNF, all major and minor courses should be completed at UNF.
- Students completing the UNF General Education requirements must take ENC3250 (GW) Professional Communication as one of the courses for the "Writing Effectively" requirement.
- ECO2013 Principals of Macroeconomics counts as the Social Science General Education Requirements so students need 18 credits to meet all other General Education. See catalog for all General Education requirements.

BCM PROGRAM TOTAL IS 60 UPPER DIVISION SEMESTER HOURS

- The required internship is two credit hours, with a minimum of 200 hours. Upon approval, an additional internship of up to three credit hours is possible as a BCN elective.

Prerequisites (41 credits)
Type

Completion Requirement

Prerequisites

All lower-level prerequisite courses should be completed before upper-level BCN classes are attempted.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- STA2023 - (GM) Introductory Statistics
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- CGS1100 - Computer Applications for Business
- MAC2233 - (GM) Calculus for Business
- BCN1210C - Construction Materials
- BCN1251 - Construction Drawing
- BCN2405 - Introduction to Structures
- BCN2280C - Surveying: Construction Layout
- PHY2053C - Algebra-based Physics I

Science Course Options

Complete at least 1 of the following courses:

- PHY2054C - Algebra-based Physics II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory

Additional Comments:

Core Requirements (42 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- BCN1005C - Introduction to Construction Management
- BCN3782C - Introduction to Construction Computing
- BCN3223C - Soils and Foundations
- BCN3762 - Building Construction Design and Codes
- BCN3611C - Construction Cost Estimating
- BCN4753 - Construction Finance and Cost Controls
- BCN4591C - Mechanical and Electrical Systems
- BCN3224 - Construction Techniques
- BCN4708 - Construction Documents and Contracts
- BCN4431 - Structural Systems
- BCN4709 - Construction Project Management Capstone
- BCN4720 - Construction Project Planning and Scheduling
- BCN4612 - Advanced Construction Estimating
- BCN4730 - Construction Safety
- BCN4944 - Construction Management Internship

Additional Comments:

Business Course Requirement (9 credits)
Type
Completion Requirement

Business Course Requirement

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing

Additional Comments:

No Concentration Requirements (9 credits)
Type
Completion Requirement

Major Electives

Complete at least 3 of the following courses:

- BCN3012 - History and Introduction to Construction
- BCN4751C - Housing and Land Development
- BCN4758 - Advanced Residential Construction
- BCN4587C - Green Construction and Sustainability
- BCN4302 - Building Information Modeling
- BCN4870C - Heavy Civil Construction
- BCN4240 - Construction Equipment
- BCN4713 - International Construction

Additional Comments:

Residential Construction Concentration Requirements (9 credits)
Type
Completion Requirement

Concentration Required Courses

Complete ALL of the following Courses:

- BCN4751C - Housing and Land Development
- BCN4758 - Advanced Residential Construction

Concentration Electives

Earn at least 3 credits from the following:

- BCN3012 - History and Introduction to Construction
- BCN4302 - Building Information Modeling
- BCN4587C - Green Construction and Sustainability
- BCN4240 - Construction Equipment
- REE4043 - Real Estate Analysis
- BCN4713 - International Construction

Additional Comments:

Program Details

Description
Building Construction

Code
BCM

Biochemistry, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (32 credits)
Type

Completion Requirement

Prerequisites - Requirements

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- BSC1010C - General Biology I
- BSC1011C - General Biology II

Prerequisites - Elective Series Requirements

COMPLETE 1 of the following series:
Organic Chemistry Series Requirement
Physics Series Requirement

Complete ALL of the following Courses:

- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
  AND CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- PHY2048C - Calculus-based Physics I
  AND PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

Additional Comments:

Contextual Courses (12 credits)
Type
Completion Requirement

Contextual Courses - Required

Complete ALL of the following Courses:

- BSC2012C - General Biology III

Contextual Courses - Elective Series

COMPLETE whiever series that was **not** selected as a prerequisite above.
Organic Chemistry Series Requirement
Physics Series Requirement

Complete ALL of the following Courses:

- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
  AND CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
-
  AND PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

Additional Comments:

Major Requirements (36 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- MCB3020C - Microbial Biology
- PCB3023C - Molecular and Cell Biology
- PCB3063 - Genetics
- PCB3063L - Genetics Lab
- CHM3120 - Quantitative Analytical Chemistry
- CHM3120L - Quantitative Analytical Chemistry Laboratory
- BCH4033 - Biochemistry I
- BCH4033L - Biochemistry I Lab
- BCH4034 - Biochemistry II
- BCH4034L - Biochemistry II Laboratory
- CHM4400 - Survey of Physical Chemistry
- CHM4400L - Survey of Physical Chemistry Lab
- CHM3610 - Inorganic Chemistry
- CHM3610L - Inorganic Chemistry Laboratory
- CHM4130 - Modern Analytical Chemistry
- CHM4130L - Modern Analytical Chemistry Laboratory
- CHM4931 - Senior Seminar in Chemistry

Additional Comments:

Major Electives (12 credits)
Type
Completion Requirement

Major Electives (3 credits)

Complete at least 1 of the following courses:

- CHM4273 - Drug Discovery
- BCH4340 - Chemical Biology

Major Electives (9 credits)

No more than 4 hours of CHEM 4910: Chemical Research (2-4 credits) may be used towards the major electives.

Earn at least 9 credits from the following:

- CHM3260 - Advanced Organic Chemistry
- CHM3610L - Inorganic Chemistry Laboratory
- CHM4612 - Advanced Inorganic Chemistry
- CHS4615 - Environmental Chemistry
- CHS4615L - Environmental Chemistry Lab
- CHM4627 - Solid State Chemistry
- CHM4910 - Chemical Research
- CHM4910 - Chemical Research

Additional Comments:

Program Details

Description
Biochemistry

Code
BIC

Business Intelligence, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of C or better is required in all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of C or better is required in all core courses.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Additional Comments:
Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

Major Requirements (30 credits)
Type
Completion Requirement

Major Requirements

A grade of C or better is required in all core courses.

Complete ALL of the following Courses:

- ECO3411 - Business and Economic Statistics
- ISM4011 - Introduction to Management Information Systems
- ISM4400 - Enterprise Applications Integration
- ISM4220 - Business Data Communications
- ISM4210 - Data and Information Management
- ISM4113 - Analysis and Design of Business Information Systems
- ISM4403 - Business Intelligence

Major Electives

Complete at least 3 of the following courses:

- ACG4401 - Accounting Information Systems
- GIS3043 - Introduction to Geographic Information Systems
- HSA3191 - Health Information Systems I
- MAN4082 - E-Business Strategy
- MAN4583 - Project Management
- MAR4615 - Introduction to Marketing Analytics

Or Other 3000-4000 level courses with permission of the department chairperson.

Additional Comments:

Business Electives (6 credits)
Type
Completion Requirement

Business Electives

A grade of C or better is required in all courses in this area.

SELECT two 3000-4000 level non-ISM business courses
ACG/BUL/ECO/ECP/ECS/ENT/FIN/GEB/GEO/GIS/MAN/MAR/REE/RMI/SCM/TAX/TRA

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Non-Business Requirements

A grade of C or better is required for all courses in this area.

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

And one upper-level elective. Choose a 3000-4000 level course from outside the College of Business OR a Coggin upper-level study abroad course.

Additional Comments:

Program Details

Description
Business Intelligence

Code
BIN

Business Intelligence, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Business Intelligence (15 credits)
Type
Completion Requirement

Minor Required Courses

A grade of "C" or better is required in all minor courses. Students must take a minimum of 9 hours of coursework at UNF. This minor is available to all majors where allowed.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ISM4210 - Data and Information Management
- ISM4113 - Analysis and Design of Business Information Systems
- ISM4403 - Business Intelligence

Minor Electives

Complete at least 1 of the following courses:

- ISM4400 - Enterprise Applications Integration
- ISM4220 - Business Data Communications

Additional Comments:

Program Details

Description
Business Intelligence

Code
BIN

Biology, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (31 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- BSC1010C - General Biology I
- BSC1011C - General Biology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
-
  AND CHM2046L - General Chemistry II Laboratory
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
- CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II

Additional Comments:

Coastal and Marine Biology Concentration (45-48 credits)

Type
Completion Requirement

Co-Requisite Courses (8 credits)

The Department of Biology has specific requirements that must be completed as preparation for major courses. The following courses must be taken in addition to the prerequisites indicated above. Requires a grade of C or above.

Select one sequence that was not taken as part of the prerequisites.

Complete ANY of the following Courses:

- PHY2048C - Calculus-based Physics I
  AND PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab
- PHY2053C - Algebra-based Physics I
  AND PHY2054C - Algebra-based Physics II
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
  AND CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
  AND CHM3120 - Quantitative Analytical Chemistry
  AND CHM3120L - Quantitative Analytical Chemistry Laboratory

Core Major Requirements (22 credits)

Requires grades of C or above. Courses must be taken in prerequisite order. Electronic approval must be obtained each semester for courses whose prerequisites are transfers. Please check the catalog course description section for prerequisites required for each course prior to registering. If one course is a prerequisite for another, the two may not be taken together. Students will be administratively withdrawn from courses if earned grades in prerequisite courses are less than a C.

Complete ALL of the following Courses:

- BSC2012C - General Biology III
- PCB3043C - Ecology
- PCB3063 - Genetics
- PCB3063L - Genetics Lab
- PCB3023C - Molecular and Cell Biology
- BSC3842 - Writing and Analytical Skills in Biology
- BSC4947 - Senior Seminar Practicum
- BSC4801C - Animal Physiology
  OR BOT4503C - Plant Anatomy and Physiology

Concentration Requirements (6 Credits)

Requires grades of C or above.

Complete ALL of the following Courses:

- OCE3008 - Oceanography
- BSC3263 - Marine Biology

Botany Elective (3-4 Credits)

Concentration electives require a grade of C or above. One Biology elective must have a lab to complete this requirement. Students are encouraged to take BSC 4921 Biology Lecture Series as part of their concentration elective coursework. No more than 2 credits of BSC 4921 may be used in the concentration elective area

Complete at least 1 of the following courses:

- BOT4404 - Marine Botany
- BOT4503C - Plant Anatomy and Physiology

- BSC4930 - Selected Topics in Biology

Concentration Electives (6-8 Credits)

Complete at least 2 of the following courses:

- ZOO4208C - Coastal Invertebrate Biology
- ZOO4454C - Ichthyology
- ZOO4462C - Herpetology
- ZOO4485 - Biology of Marine Mammals
- BSC4930 - Selected Topics in Biology
- FAS4354 - Coastal Fisheries Management
- ZOO4513 - Animal Behavior
- ZOO4513L - Animal Behavior Laboratory
- ZOO4407 - Biology of Sharks and Rays
- ZOO4559L - Shark Ecology
- ZOO4551C - Dolphin Behavioral Ecology
- ZOO4823C - General Entomology
- ZOO3713C - Comparative Vertebrate Anatomy
- MCB3020C - Microbial Biology
- PCB4301C - Limnology
- OCB3108L - Field Studies in Marine Science
- BOT4404L - Marine Botany Lab
- BSC3845 - Scientific Illustration

Additional Comments:

Coastal Environmental Science Concentration (56 credits)
Type
Completion Requirement

Core Major Requirements (22 credits)

Courses must be taken in prerequisite order. Electronic approval must be obtained each semester for courses whose prerequisites are transfers. Please check the catalog course description section for prerequisites required for each course prior to registering. If one course is a prerequisite for another, the two may not be taken together. Students will be administratively withdrawn from courses if earned grades in prerequisite courses are less than a C.

Complete ALL of the following Courses:

- BSC2012C - General Biology III
- PCB3043C - Ecology
- PCB3063 - Genetics
- PCB3063L - Genetics Lab
- PCB3023C - Molecular and Cell Biology
- BSC3842 - Writing and Analytical Skills in Biology
- BSC4947 - Senior Seminar Practicum
- BSC4801C - Animal Physiology
  OR BOT4503C - Plant Anatomy and Physiology

Concentration Requirements (13 Credits)

These courses require a grade of C or above.

Complete ALL of the following Courses:

- OCE3008 - Oceanography
- GIS3043 - Introduction to Geographic Information Systems
- BSC3052 - Conservation Biology
- STA3163 - (GM) Statistical Methods I

Science Electives (12 Credits)

Major electives require a grade of C or above.
Always check the catalog course descriptions section to confirm approved biology electives.

Earn at least 12 credits from the following:

- BSC3263 - Marine Biology
- BSC3845 - Scientific Illustration
- BOT4404 - Marine Botany
- BOT4404L - Marine Botany Lab
- BSC4054 - Environmental Toxicology
- BSC4905 - Directed Independent Study in Biology
- MCB3020C - Microbial Biology
- ZOO4485 - Biology of Marine Mammals
- BSC4930 - Selected Topics in Biology
- BSC4921 - Biology Lecture Series
- FAS4354 - Coastal Fisheries Management
- PCB4301C - Limnology
- OCB3108L - Field Studies in Marine Science
- ZOO4407 - Biology of Sharks and Rays
- ZOO4559L - Shark Ecology
- ZOO4551C - Dolphin Behavioral Ecology

Non-Science Electives (9 Hours)

Earn at least 9 credits from the following:

- SPC4064 - Public Speaking for Professionals
- PHI3640 - Environmental Ethics
- GEO3372 - Conservation of Natural Resources
- STA3164 - (GM) Statistical Methods II
- GIS4048 - Intermediate Geographic Information Systems
- PHI2630 - (GW) Critical Thinking: Ethical Issues
- SYD4510 - Environment and Society

Additional Comments:

Ecology and Evolution Biology Concentration (41 credits)
Type
Completion Requirement

Co-Requisite Courses (8 credits)

Select one sequence that was not taken as part of the prerequisites.

Complete ANY of the following Courses:

- PHY2048C - Calculus-based Physics I
  AND PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab
- PHY2053C - Algebra-based Physics I
  AND PHY2054C - Algebra-based Physics II
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
  AND CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
  AND CHM3120 - Quantitative Analytical Chemistry
  AND CHM3120L - Quantitative Analytical Chemistry Laboratory

Core Major Requirements (22 credits)

Requires grades of C or above. Courses must be taken in prerequisite order. Electronic approval must be obtained each semester for courses whose prerequisites are transfers. Please check the catalog course description section for prerequisites required for each course prior to

registering. If one course is a prerequisite for another, the two may not be taken together. Students will be administratively withdrawn from courses if earned grades in prerequisite courses are less than a C.

Complete ALL of the following Courses:

- BSC2012C - General Biology III
- PCB3043C - Ecology
- PCB3063 - Genetics
- PCB3063L - Genetics Lab
- PCB3023C - Molecular and Cell Biology
- BSC3842 - Writing and Analytical Skills in Biology
- BSC4947 - Senior Seminar Practicum
- BSC4801C - Animal Physiology
  OR BOT4503C - Plant Anatomy and Physiology

Required Elective (3 credits)

Concentration electives require a grade of C or above. Students are encouraged to take BSC 4921 Biology Lecture Series as part of their major elective coursework. No more than 2 credits of BSC 4921 may be used in the concentration elective area.

Complete ALL of the following Courses:

- PCB4674 - Evolution

Advanced Ecology Electives (3-4 credits)

Complete at least 1 of the following courses:

- PCB4301C - Limnology
- ZOO4208C - Coastal Invertebrate Biology
- ZOO4485 - Biology of Marine Mammals

Survey Elective (4-5 credits)

Complete at least 1 of the following courses:

- ZOO3713C - Comparative Vertebrate Anatomy
- ZOO4208C - Coastal Invertebrate Biology
- ZOO4234C - Parasitology
- ZOO4454C - Ichthyology
- ZOO4462C - Herpetology
- ZOO4823C - General Entomology
- MCB3020C - Microbial Biology
- PCB4253C - Developmental Biology
- ZOO4485 - Biology of Marine Mammals
- BSC4930 - Selected Topics in Biology
- FAS4354 - Coastal Fisheries Management
- BSC4022 - Biology of Aging
- ZOO4513 - Animal Behavior
- ZOO4513L - Animal Behavior Laboratory
- OCB3108L - Field Studies in Marine Science
- ZOO4407 - Biology of Sharks and Rays
- ZOO4559L - Shark Ecology
- ZOO4551C - Dolphin Behavioral Ecology
- BOT4404 - Marine Botany
- BOT4404L - Marine Botany Lab
- BSC3845 - Scientific Illustration

Additional Comments:

Molecular/Cell Biology & Biotechnology Concentration (41 credits)
Type
Completion Requirement

Co-Requisite Courses (8 credits)

The Department of Biology has specific requirements that must be completed as preparation for major courses. The following courses must be taken in addition to the prerequisites indicated above. Requires a grade of C or above.

Select one sequence that was not taken as part of the prerequisites.

Complete ANY of the following Courses:

- PHY2048C - Calculus-based Physics I
  AND PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab
- PHY2053C - Algebra-based Physics I
  AND PHY2054C - Algebra-based Physics II
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
  AND CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
  AND CHM3120 - Quantitative Analytical Chemistry
  AND CHM3120L - Quantitative Analytical Chemistry Laboratory

Core Major Requirements (22 credits)

Requires grades of C or above. Courses must be taken in prerequisite order. Electronic approval must be obtained each semester for courses whose prerequisites are transfers. Please check the catalog course description section for prerequisites required for each course prior to registering. If one course is a prerequisite for another, the two may not be taken together. Students will be administratively withdrawn from courses if earned grades in prerequisite courses are less than a C.

Complete ALL of the following Courses:

- BSC2012C - General Biology III
- PCB3043C - Ecology
- PCB3063 - Genetics
- PCB3063L - Genetics Lab
- PCB3023C - Molecular and Cell Biology
- BSC3842 - Writing and Analytical Skills in Biology
- BSC4947 - Senior Seminar Practicum
- BSC4801C - Animal Physiology
  AND BOT4503C - Plant Anatomy and Physiology

Required Concentration Electives (4 credits)

Concentration electives require a grade of C or above. One Biology elective must have a lab to complete this requirement. Students are encouraged to take BSC 4921 Biology Lecture Series as part of their concentration elective coursework. No more than 2 credits of BSC 4921 may be used in the Concentration Elective area.

Complete ALL of the following Courses:

- BCH4024 - Molecular Biology and Biochemistry
- BCH4024L - Molecular Biology and Biochemistry Laboratory

Biotechnique Elective (4 Credits)

Complete at least 1 of the following courses:

- MCB4021C - Molecular Biology Techniques
- MCB3020C - Microbial Biology
- BSC4434C - Introduction to Bioinformatics

Advanced Molecular/Cell Elective (3-4 Credits)

Complete at least 1 of the following courses:

- PCB4067 - Molecular Basis of Inheritance
- PCB4234 - Biology of Cancer
- PCB4233 - Immunology
- PCB4805 - Endocrinology
- PCB4843 - Cellular and Molecular Neuroscience
- MCB3020C - Microbial Biology
- MCB4503 - Virology Lecture
- BSC4434C - Introduction to Bioinformatics
- BSC4930 - Selected Topics in Biology
- BSC4022 - Biology of Aging
- MCB4203 - Pathogenic Bacteriology
- ZOO4752 - Histology
- ZOO4234C - Parasitology
- PCB4674 - Evolution
- PCB4253C - Developmental Biology
- BSC4941 - Mayo Clinic Biomedical Research Internship
- PCB4540 - Genomics
- PCB4707 - Human Physiology in Extreme Environments
- IDS4914 - Biomedical Research for U-RISE

Additional Comments:

Program Details

Description
Biology

Code
BIO

Biology, MA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Additional Comments:
An undergraduate degree in Biology or an undergraduate degree in a related field and 12 credit hours of upper level undergraduate biology courses.

Core Requirements (3 Credits)
Type
Completion Requirement

Core Requirements

Grades of "B" or better are required in all graduate courses. Students must apply to graduate by the published deadline during their final semester.

Complete ALL of the following Courses:

- PCB6675 - Advanced Evolution

Additional Comments:

Electives (33 credits)
Type
Completion Requirement

Electives

Earn at least 33 credits from the following:

- BOT5186C - Advanced Marine Botany
- BSC5905 - Directed Independent Study: Biology
- BSC5936 - Selected Topics in Biology
- BSC5872 - Advanced Biological Pharmacology
- BSC5930 - Biology Seminar
- BSC6840 - Critical Skills in Science
- BSC6931 - Advanced Readings in Biology
- BSC6971 - Graduate Thesis Defense
- BSC6972 - Graduate Thesis Research
- MCB5024C - Advanced Molecular Biology Techniques
- PCB5235 - Cellular Immunology
- PCB6314C - Marine Ecology
- PCB5525 - Molecular Genetics
- PCB5845 - Cellular and Molecular Neuroscience
- PCB6480 - Quantitative Ecology
- PCB6236 - Advanced Cancer Biology
- PCB6447 - Community Ecology
- PCB6685 - Population Genetics
- ZOO5455C - Advanced Ichthyology
- ZOO5463C - Advanced Herpetology
- FAS5355 - Advanced Coastal Fisheries Management
- FAS6355L - Advanced Coastal Fisheries Management Laboratory
- BSC5028 - Advanced Biology of Aging
- MCB5505 - Advanced Virology
- BCH5418 - Advanced Molecular Biology and Biochemistry
- BCH5418L - Advanced Molecular Biology and Biochemistry Laboratory
- ZOO5514 - Advanced Animal Behavior

Additional Comments:

Program Details

Description
Biology

Code
BIO

Biology, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Additional Comments:

An undergraduate degree in Biology or an undergraduate degree in a related field and 12 credit hours of upper level undergraduate biology courses.

No Concentration Requirements (36 credits)
Type
Completion Requirement

Core Requirements (7 credits)

A minimum of 18 credits must be graded coursework. 1 credit of thesis defense. Grades of "B" or better are required in all graduate courses. Students must apply to graduate by the published deadline during their final semester.

Complete ALL of the following Courses:

- BSC6971 - Graduate Thesis Defense
- BSC6840 - Critical Skills in Science
- PCB6675 - Advanced Evolution

Major Electives (29 credits)

Earn at least 29 credits from the following:

- BOT5186 - Advanced Marine Botany
- BSC5905 - Directed Independent Study: Biology
- BSC5936 - Selected Topics in Biology
- BSC5872 - Advanced Biological Pharmacology
- BSC5930 - Biology Seminar
- BSC6931 - Advanced Readings in Biology
- BSC6972 - Graduate Thesis Research
- MCB5024C - Advanced Molecular Biology Techniques
- PCB5235 - Cellular Immunology
- PCB6314C - Marine Ecology
- PCB5525 - Molecular Genetics
- PCB5845 - Cellular and Molecular Neuroscience
- PCB6236 - Advanced Cancer Biology
- PCB6447 - Community Ecology
- PCB6685 - Population Genetics
- PCB6480 - Quantitative Ecology
- ZOO5455C - Advanced Ichthyology
- ZOO5463C - Advanced Herpetology
- ZOO5754 - Advanced Histology
- ZOO5754L - Advanced Histological Techniques Lab
- FAS5355 - Advanced Coastal Fisheries Management
- FAS6355L - Advanced Coastal Fisheries Management Laboratory
- BSC5028 - Advanced Biology of Aging
- MCB5505 - Advanced Virology
- BCH5418 - Advanced Molecular Biology and Biochemistry
- BCH5418L - Advanced Molecular Biology and Biochemistry Laboratory
- ZOO5514 - Advanced Animal Behavior

Additional Comments:

Biomedical Sciences Non-Thesis Concentration Requirements (36 credits)
Type
Completion Requirement

Required Courses (14 credits)

Grades of "B" or better are required in all graduate courses.

Complete ALL of the following Courses:

- MCB5505 - Advanced Virology
- PCB6236 - Advanced Cancer Biology
- PCB5235 - Cellular Immunology
- PCB5845 - Cellular and Molecular Neuroscience
- BSC5930 - Biology Seminar

Major Electives (8 credits)

Grades of "B" or better are required in all graduate courses.

Earn at least 8 credits from the following:

- BCH5418 - Advanced Molecular Biology and Biochemistry
- BCH5418L - Advanced Molecular Biology and Biochemistry Laboratory
- MCB5024C - Advanced Molecular Biology Techniques
- ZOO5754 - Advanced Histology
- ZOO5754L - Advanced Histological Techniques Lab
- PHT6161C - Clinical Neuroanatomy and Physiology
- PHC6002 - Infectious Disease Epidemiology
- BSC5028 - Advanced Biology of Aging
- BSC5872 - Advanced Biological Pharmacology
- BSC5429C - Advanced Bioinformatics
- MCB5205 - Pathogenic Bacteriology
- PCB5525 - Molecular Genetics
- PCB5545 - Advanced Genomics
- PCB5700 - Advanced Human Physiology in Extreme Environments
- PCB6675 - Advanced Evolution
- PCB6685 - Population Genetics
- APK5332 - Pharmacology for Chronic Diseases
- CAP6768 - Data Analytics
- MAP6385 - Scientific Computing
- HUN6249 - Nutrition and Metabolism
- HUN7788 - Nutritional Genomics
- PSB6930 - Advanced Topics in Behavioral Neuroscience
- PSB6031 - Advanced Biopsychology

Experiential Learning Requirements (14 credits)

Earn at least 14 credits from the following:

- BSC6917 - Advanced Graduate Research
- BSC6948 - Graduate Internship in Biomedical Science

Students must apply to graduate by the published deadline during their final semester.

Additional Comments:

Program Details

Description
Biology

Code
BIO

Biology, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Biology (15 credits)
Type
Completion Requirement

Minor Required Courses

2 courses (up to 8 credit hours) may be transferred with prior approval of the department chairperson. A cumulative average of 2.5 is required. All 15 semester hours must be upper-level course work.

Select 15 3000-4000 Level Credits
Choose from: BCH, BOT, BSC, MCB, OCB, OCE, PCB, ZOO

Additional Comments:

Program Details

Description
Biology

Code
BIO

Biotechnology, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Biotechnology (14 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a undergraduate degree or as a standalone certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

The Biotechnology Certificate is available to all UNF Biology students with a cumulative GPA of 3.0 or higher. BCH4024, BCH4024L and MCB4021C require grades of "B" or above (or passing for BSC3943).

Complete ALL of the following Courses:

- BCH4024 - Molecular Biology and Biochemistry
- BCH4024L - Molecular Biology and Biochemistry Laboratory
- MCB4021C - Molecular Biology Techniques

Certificate Course Options

Complete ANY of the following Courses:

- PCB3063 - Genetics
  AND PCB3063L - Genetics Lab
- PCB3023C - Molecular and Cell Biology

Certificate Electives

Complete at least 1 of the following courses:

- BSC3943 - Internship in Applied Biology
- BSC4941 - Mayo Clinic Biomedical Research Internship
- BSC4905 - Directed Independent Study in Biology

Additional Comments:

Program Details

Description
Biotechnology Certificate

Code
BIT

Jazz Studies, BM

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Freshman Year Fall Semester (11 credits)
Type
Completion Requirement

Freshman Year Fall Semester

Jazz guitar majors take only 2 jazz ensembles and 6 jazz guitar ensembles.

Complete ALL of the following Courses:

- MUT1111 - Theory I
- MUT1241 - Aural Theory I
- MUN2120 - Concert Band (Lower)
- MVK1111 - Class Piano I
- MUN2710 - Jazz Ensemble-Lower Level
- MUT1361 - Jazz Fundamentals I
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance

And TAKE 1 1000 level Applied Music (2 credits)

Additional Comments:

Freshman Year Spring Semester (11 credits)
Type
Completion Requirement

Freshman Year Spring Semester

Complete ALL of the following Courses:

- MUT1112 - Theory II
- MUT1242 - Aural Theory II
- MUN2120 - Concert Band (Lower)
- MVK1112 - Class Piano II
- MUN2710 - Jazz Ensemble-Lower Level
- MUT1362 - Jazz Fundamentals II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance

And TAKE 1 1000 level Applied Music (2 credits)

Additional Comments:

Sophomore Year Fall Semester (12 credits)
Type
Completion Requirement

Sophomore Year Fall Semester

Complete ALL of the following Courses:

- MUT2116 - Theory III
- MUT2246 - Aural Theory III
- MUN2710 - Jazz Ensemble-Lower Level
- MVK2121 - Class Piano III
- MUT2641 - Jazz Improvisation I
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MVJ1010 - Jazz Piano I
- MUN4714 - Jazz Combo (Small Group)

And TAKE 1 2000 level Applied Music (2 credits)

Additional Comments:

Sophomore Year Spring Semester (12 credits)
Type
Completion Requirement

Sophomore Year Spring Semester

Complete ALL of the following Courses:

- MUT2117 - Theory IV
- MUT2247 - Aural Theory IV
- MVK2122 - Class Piano IV
- MUN2710 - Jazz Ensemble-Lower Level
- MUT2642 - Jazz Improvisation II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MVJ1210 - Jazz Piano II
- MUN4714 - Jazz Combo (Small Group)

And TAKE 1 2000 Level Applied Music (2 credits)

Additional Comments:

Junior Year Fall Semester (15 credits)
Type
Completion Requirement

Junior Year Fall Semester

Complete ALL of the following Courses:

- MUN4714 - Jazz Combo (Small Group)
- MUN3713 - Jazz Ensemble
- MUT3643 - Jazz Improvisation III
- MUH3215 - Western Music History and Popular Cultures I
- MUT4365 - Jazz Arranging I
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUM3701 - The Music Business

And TAKE 1 3000 level Applied Music (2 credits)

Additional Comments:

Junior Year Spring Semester (12 credits)
Type
Completion Requirement

Junior Year Spring Semester

Complete ALL of the following Courses:

- MUN4714 - Jazz Combo (Small Group)
- MUN3713 - Jazz Ensemble
- MUT3644 - Jazz Improvisation IV
- MUH3216 - Western Music History and Popular Cultures II
- MUT4366 - Jazz Arranging II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance

And TAKE 1 3000 Level Applied Music (2 Credits)

Additional Comments:

Senior Year Fall Semester (13 credits)
Type
Completion Requirement

Senior Year Fall Semester

The department recommends taking a Natural Science for General Education Requirements.

Complete ALL of the following Courses:

- MUT4663 - Jazz Styles and Analysis I
- MUG3104 - Basic Conducting
- MUS3340 - Computer MIDI Score
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUN3713 - Jazz Ensemble
- MUN4714 - Jazz Combo (Small Group)

And SELECT 3 HOURS OF MUSIC ELECTIVES:
3000/4000 Level in MUS MUT MUN MUE MUG MUO MUH MUM MVB MVJ MVK MVS MVV MVW

And TAKE 1 4000 level Applied Music (2 credits)

Additional Comments:

Senior Year Spring Semester (6 credits)
Type
Completion Requirement

Senior Year Spring Semester

The department recommends taking a Natural Science and Philosophy for General Education requirements.

Complete ALL of the following Courses:

- MUT4664 - Jazz Styles and Analysis II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS4970 - Senior Recital
- MUN3713 - Jazz Ensemble
- MUN4714 - Jazz Combo (Small Group)

And TAKE 1 4000 level Applied Music (2 Credits)

Additional Comments:

Program Details

Description
Music Jazz Studies

Code
BJS

Biomedical Engineering, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Biomedical Engineering for Electrical Engineers (21 Credits)
Type
Completion Requirement

Minor Required Courses

Complete ALL of the following Courses:

- BSC1010C - General Biology I
- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II

Minor Electives

Earn at least 9 credits from the following:

- EEE4200C - Biomedical Instrumentation and Systems Design
- EEE4284 - Biomedical Signal Processing
- EEE4290C - Biomedical Engineering Research Methods
- EEE4214 - Biomedical Imaging
- EEL4930 - Special Topics in Electrical Engineering

* Approval of the School of Engineering Director is required to apply EEL4930 to the Biomedical Engineering for Electrical Engineers Minor.

Additional Comments:

Program Details

Description
Biomedical Engineering

Code
BME

Biomedical Sciences, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (40 credits)

Type
Completion Requirement

Prerequisites

Requires grades of C or above.

Complete ALL of the following Courses:

- BSC1010C - General Biology I
- BSC1011C - General Biology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
- CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- PHY2053C - Algebra-based Physics I
- PHY2054C - Algebra-based Physics II

Additional Comments:

Contextual Courses (3-4 credits)
Type
Completion Requirement

Contextual Courses

Requires grades of C or above.

Complete at least 1 of the following courses:

- PCB3043C - Ecology
- PCB4674 - Evolution

Additional Comments:

Core Major Requirements (25 credits)
Type
Completion Requirement

Major Requirements

Requires grades of C or above. Courses must be taken in prerequisite order. Electronic approval must be obtained each semester for courses whose prerequisites are transfers. Please check the catalog course description section for prerequisites required for each course prior to registering. If one course is a prerequisite for another, the two may not be taken together. Students will be administratively withdrawn from courses if earned grades in prerequisite courses are less than a C.

Complete ALL of the following Courses:

- BSC2012C - General Biology III
- PCB3023C - Molecular and Cell Biology
- MCB3020C - Microbial Biology
- PCB3063 - Genetics
  AND PCB3063L - Genetics Lab
- BCH4024 - Molecular Biology and Biochemistry
- BSC3842 - Writing and Analytical Skills in Biology
- BSC4947 - Senior Seminar Practicum
- PCB4713C - Human Physiology
  OR BSC4801C - Animal Physiology

Additional Comments:

Major Electives (12 Credits)
Type
Completion Requirement

Major Electives

All major electives required a grade of C or above. At least one course must have a lab.

Earn at least 12 credits from the following:

- BSC4434C - Introduction to Bioinformatics
- BSC4870 - Biological Basis of Pharmacology
- BSC4921 - Biology Lecture Series
- BSC4930 - Selected Topics in Biology
- PCB4234 - Biology of Cancer
- PCB4233 - Immunology
- PCB4707 - Human Physiology in Extreme Environments
- PCB4805 - Endocrinology
- MCB4203 - Pathogenic Bacteriology
- MCB4503 - Virology Lecture
- ZOO3713C - Comparative Vertebrate Anatomy
- ZOO4234C - Parasitology
- ZOO4752 - Histology
- ZOO4485 - Biology of Marine Mammals
- BSC4022 - Biology of Aging
- ZOO4513 - Animal Behavior
- ZOO4513L - Animal Behavior Laboratory
- PET3324C - Gross Anatomy for Health Care Professionals
- PET3312C - Biomechanics
- PCB4843 - Cellular and Molecular Neuroscience
- MCB4021C - Molecular Biology Techniques
- PCB4253C - Developmental Biology
- BSC3943 - Internship in Applied Biology
- BSC4941 - Mayo Clinic Biomedical Research Internship
- PCB4067 - Molecular Basis of Inheritance
- PCB4540 - Genomics
- BCH4024L - Molecular Biology and Biochemistry Laboratory
- BSC4905 - Directed Independent Study in Biology
- BSC3845 - Scientific Illustration
- IDS4914 - Biomedical Research for U-RISE
- PCB4067 - Molecular Basis of Inheritance
- ZOO3733C - Human Structure and Function

Students who have completed BSC2085C and BSC 2086C may not complete ZOO3733C Human Structure and Function for upper-level credit towards this degree.

Note: One Biology elective must have a lab. Students are encouraged to take BSC4921 Biology Lecture Series as part of their major elective coursework. No more than 2 credits of BSC4921 may be used in the Major Elective area.

Additional Comments:

Program Details

Description
Biomedical Sciences

Code
BMS

Behavioral Neuroscience, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (31 credits)
Type
Completion Requirement

Prerequisites

A grade of C or better is required for all prerequisite courses.

Complete ALL of the following Courses:

- PSY2012 - Introduction to Psychology
- BSC1010C - General Biology I
- BSC1011C - General Biology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
- CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- MAC2311 - (GM) Calculus I

Additional Comments:

Core Requirements (11 credits)
Type
Completion Requirement

Core Requirements

Must complete PSY3213 and PSY3213L with grades of B or better. All other courses require a grade of C or better.

Complete ALL of the following Courses:

- BSC2012C - General Biology III
- PSY3213 - Research Methods in Psychology
  AND PSY3213L - Research Methods Lab

And, select one Statistics (STA) Course (3 Credits)

Additional Comments:

Major Requirements (28 credits)
Type
Completion Requirement

Required Courses (20 credits)

Complete ALL of the following Courses:

- PSB3002 - Behavioral Neuroscience
- PSB4930 - Advanced Topics in Behavioral Neuroscience
- PCB3023C - Molecular and Cell Biology
- BCH4024 - Molecular Biology and Biochemistry
  AND BCH4024L - Molecular Biology and Biochemistry Laboratory
- PCB4843 - Cellular and Molecular Neuroscience

- EXP3104 - Human Sensory Perception
  OR PSB4434 - Neuropharmacology

Experimental Courses (8 credits)

PSY3213 and PSY3213L must be completed with a grade of B or better before attempting the experimental courses. Additional lab courses taken may count toward the elective requirement.

Complete at least 2 of the following courses:

- EAB3013C - Foundations of Experimental Analysis of Behavior Lab
- EXP3680C - Experimental Cognitive Psychology
- EXP3703C - Computer Applications in Psychological Research
- EXP4252C - Human Factors and Ergonomics
- EXP3461C - Human Learning and Performance
- SOP3214C - Experimental Social Psychology
- PSY4302C - Psychological Testing
- MCB4021C - Molecular Biology Techniques
- PCB4713C - Human Physiology

Additional Comments:

Major Electives (12 credits)
Type
Completion Requirement

Psychology Options

Complete ANY of the following Courses:

- CBH3004 - Comparative Psychology
- CLP4143 - Psychology of Abnormal Behavior
- CLP4134 - Childhood Psychopathology
- CLP4313 - Health Psychology
- DEP3054 - Lifespan Developmental Psychology
- EAB4703 - Behavior Modification
- EXP3104 - Human Sensory Perception
- EXP3412 - Learning Theory
- EXP3604 - Cognitive Psychology
- PSB4113 - Principles of Biofeedback
- PSB4434 - Neuropharmacology
- PPE4003 - Theories of Personality
- PSB4930 - Advanced Topics in Behavioral Neuroscience
- PSY3810 - Evolutionary Psychology
- SOP3004 - Social Psychology
- PSY3911 - Supervised Research
- PSY4904 - (GW) Honors Research
- PSY4906 - Directed Individual Study
- PSY4945 - Practicum in Applied Psychology

Biology Options

Complete ANY of the following Courses:

- PCB3063 - Genetics
  AND PCB3063L - Genetics Lab
- PCB4233 - Immunology
- PCB4805 - Endocrinology
- ZOO4513 - Animal Behavior
- BSC4905 - Directed Independent Study in Biology
- BSC4941 - Mayo Clinic Biomedical Research Internship

Philosophy Options

Complete ANY of the following Courses:

- PHI3320 - Philosophy of Mind
- PHI3400 - The Philosophy of Science
- PHI3500 - Introduction to Metaphysics
- PHI3633 - Bioethics

Additional Comments:
A grade of C or better is required for all major elective courses. Select courses in at least two of the following three disciplines. No more than one Philosophy course will count toward this degree unless taken as free elective credits.

Program Details

Description
Behavioral Neuroscience

Code
BNS

International Business, BBA (Bremen)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The HSB/UNF double degree is an exciting opportunity to spend two years at Hochschule Bremen and two years at UNF, including a 15 week internship in the United States (Bremen to UNF) or Germany (UNF to Bremen). Students who complete both UNF and HSB requirements earn two degrees: a Bachelor of Business Administration from UNF and The Bachelor Degree in Business Administration/International Management (BIM) from HSB.

The degree evaluation below reflects only the requirements to earn the UNF degree. In order to earn the Hochschule Bremen degree, additional requirements must be met. These are listed on the HSB/UNF program website under the Curriculum tab; they include the following:

Bremen to UNF

- completing additional coursework at Bremen
- completing a bachelor's thesis
- fulfilling internship experience in the United States

UNF to Bremen

- completing additional coursework at HSB (Bremen, Germany)
- maintaining a minimum UNF GPA of 2.7 prior to studying at HSB
- completing a bachelor's thesis
- fulfilling internship experience in the Germany

International Business majors must apply for a passport in the first semester of the program.

Prerequisite Requirements (21 Credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

Bremen to UNF

All prerequisites, excluding MAC2233 and CGS1100 are taken at Hochschule Bremen.

UNF to Bremen

Students are required to complete the Coggin Career Readiness Certificate (former S.T.A.R. Certificate Program) with The Coggin Career Management Center by the end of their second year at UNF, prior to taking classes Hochschule Bremen. Students must maintain a minimum 2.7 UNF GPA in order to study abroad at Hochschule Bremen.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023C - (GM) Introductory Statistics with Recitation

Additional Comments:

Core Requirements (18 Credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

Bremen to UNF

MAN4720 is taken during the final semester of on-campus coursework, the semester prior to beginning the internship. MAN3025, MAR3023 and FIN3403 must be completed prior to MAN4720. BUL3130, MAN3025, & MAR3023 are taken at Hochschule Bremen.

UNF to Bremen

MAN4720 is taken during the final semester, following completion of the internship in Germany. MAN3025, MAR3023 and FIN3403 must be completed prior to taking MAN4720. FIN3403 is taken at Hochschule Bremen.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

You must pre-apply at www.unf.edu/coggin for MAN4720.

Additional Comments:

Major Requirements (12 Credits)
Type
Completion Requirement

Major Requirements

Bremen to UNF

Students are also required to complete the Career Readiness Certificate program with the Coggin Career Management Center prior to starting their mandatory internship.

UNF to Bremen

All International Business Majors are required to participate in an approved international educational experience. ECO3704, MAN4600 and MAR 4156 will be taken at Hochschule Bremen.

Complete ALL of the following Courses:

- ECO3704 - International Trade
- FIN4604 - International Finance
- MAN4600 - International Management
- MAR4156 - International Marketing

Additional Comments:

Major Electives (6 Credits)
Type
Completion Requirement

Major Electives

A grade of "C" or better is reguired in all courses in this area.

UNF to Bremen

Major Electives will be taken at Hochschule Bremen.

Complete at least 2 of the following courses:

- ACG4956 - Study Abroad in Accounting
- BUL4322 - International Business Law
- ECO4713 - The International Monetary System
- ECO4956 - Study Abroad in Economics
- ECS3013 - Economic Development
- ECS3403 - Current Issues in the Economy of Latin America
- ECS3303 - Current Issues in the Economics of the European Union
- FIN4956 - Study Abroad in Finance
- GEB4956 - Study Abroad in Business
- GEO3502 - Economic Geography
- MAN4064 - Organizational Ethics: A Global Perspective
- MAN4654 - Comparative Business Practices: European Union and the U.S.
- MAN4956 - Study Abroad in Management
- MAR4956 - Study Abroad in Marketing
- SPN3013 - (FC) Spanish For Business
- TAX4901 - Directed Independent Study in Taxation
- TRA4721 - International Logistics
- TRA4956 - Study Abroad in Logistics

Additional Comments:

Internships (3 credits)
Type
Completion Requirement

Internships

Bremen to UNF

Students must complete the Coggin Career Readiness Certificate program prior to beginning their internship. The internship takes place in the United States during the student's final semester(s) at UNF. International students are responsible for procuring appropriate immigration documents within the necessary time frame.

UNF to Bremen

Internship in Germany must be completed before final semester.

Complete ALL of the following Courses:

- GEB3361 - International Business Internship

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Additional Comments:
Bremen to UNF

Select 2 courses (6 hours) from one of the seven regional studies areas. A grade of "C" or better is required for all courses in this area. One of the courses must satisfy the Coggin College of Business cultural diversity requirement.

UNF to Bremen

Regional Studies courses will be taken at Hochschule Bremen.

ASIAN Studies option
EUROPEAN Studies
LATIN AMER Studies Option
MID EAST & African Studies option
INTER REL International Relations Option
FRENCH LAN French Language Option
SPANISH Language Option

Required Business (6 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ECO3411 - Business and Economic Statistics

Additional Comments:

Non-Business Requirements (3 credits)
Type
Completion Requirement

Non-Business Requirements

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

Additional Comments:

Experimental Courses
Type
Completion Requirement

Additional Comments:
All International Business majors are required to have an international experience prior to graduation. Students with the HSB concentration will satisfy this upon completion of their additional HSB requirements.

EXPERIENCE International

Bremen to UNF Concentration Requirements (6 credits)
Type
Completion Requirement

Concentration Requisites

Select 2 foreign language courses at the intermediate level or above. Both courses must be in the same language. A grade of "C" of better is required for all courses in this area.

Complete ANY of the following Courses:

- SPN2200 - (FC) Intermediate Spanish I
  AND SPN2201 - (FC) Intermediate Spanish II
- FRE2240 - (FC) Intermediate French I
  AND FRE2241 - (FC) Intermediate French II
- GER2200 - (FC) Intermediate German I
  AND GER2201 - (FC) Intermediate German II
- CHI2200 - (FC) Intermediate Chinese I
  AND CHI2201 - (FC) Intermediate Chinese II

Additional Comments:

UNF to Bremen Concentration Requirements (6 credits)
Type
Completion Requirement

Concentration Requisites

Select 2 foreign language courses at the intermediate level or above. GER2200 and GER2201 must be taken for the Bremen double degree program. A grade of "C" of better is required for all courses in this area.

Complete ALL of the following Courses:

- GER2200 - (FC) Intermediate German I
- GER2201 - (FC) Intermediate German II

Additional Comments:

Program Details

Description
International Business

Code
BRM

General Business, MBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (15 credits)
Type
Completion Requirement

Prerequisites

Students must have completed (or be completing all prerequisites or have permission from the graduate advisor) before enrolling in other MBA coursework.

Complete ALL of the following Courses:

- ACG6005 - Fundamentals of Financial Accounting
- ECO6060 - Economic Analysis
- FIN6407 - Fundamentals of Financial Management
- MAN6002 - Cornerstones of Management
- MAR6055 - Fundamentals of Marketing

Additional Comments:

Major Requirements (27 credits)
Type
Completion Requirement

Major Requirements

Can be taken in any semester in which the course is offered.

Complete ALL of the following Courses:

- ACG6305 - Management Accounting
- ECO6415 - Making Decisions with Data
- ECP6705 - Economics of Business Decisions
- FIN6406 - Advanced Financial Management
- ISM6021 - Management of Information Technology
- MAN6296 - Organizational Leadership
- MAN6501 - Modeling and Management of Operations
- MAR6805 - Marketing Strategy
- MAN6726 - Advanced Strategic Management

MAN6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN6726. Students must apply for MAN6726 the semester prior to the semester they plan to graduate and can only register with permission from advising. Apply on the Coggin Advising website.

Additional Comments:

No Concentration Reqirements (9 credits)
Type
Completion Requirement

Electives

MBA students may use a maximum of ONE faculty-led Study Abroad at the 6000 - level in their program.

Select 3 courses 6000 level with one of the listed prefixes:
ACG / BUL / ECO / ECP / FIN / GEB / GEO / ISM / MAN / MAR / QMB / REE / TAX / TRA
Excluding: ACG6005, BUL6138, ECO6060, FIN6407, MAN6002, MAN6536, MAN6724, MAR6055

Additional Comments:

Accounting Concentration Requirements (9 credits)
Type
Completion Requirement

Accounting Concentration Requirements - Option 1 (Students with an Undergrad Degree in Accounting)

Student must make a "B" or better in all concentration classes. All students that concentrate in accounting must substitute ACG6309 for ACG6305 and should substitute ACG6405 for ISM6021. Pre-requisites are strictly enforced.

Complete ALL of the following Courses:

- ACG6805 - Advanced Financial Accounting
- ACG6645 - Advanced Auditing

And

One 6000-level ACG or TAX course
EXCLUDING TAX6726, ACG 6005 and ACG6305

Accounting Concentration Requirements - Option 2 (Students with an Undergrad Degree OTHER THAN Accounting)

Student must make a "B" or better in all concentration classes. All students that concentrate in accounting must substitute ACG6309 for ACG6305 and should substitute ACG6405 for ISM6021. Pre-requisites are strictly enforced.

Complete ALL of the following Courses:

- ACG6805 - Advanced Financial Accounting
- TAX6105 - Taxation of Business Corporations
- ACG6645 - Advanced Auditing

Additional Comments:

Construction Management Concentration Requirements (9 credits)
Type
Completion Requirement

Construction Management Concentration Requirements

Students must make a "B" or better in all concentration classes. Each course is only offered once a year.

Complete ALL of the following Courses:

- BCN6728 - Construction Planning and Scheduling
- BCN6748 - Construction Law
- BCN6595 - Environmental Issues in Land Development and Construction
  OR BCN6770 - Advanced Topics in Construction Management
  OR BCN6949 - Construction Management Practicum

Additional Comments:

Economics and Geography Concentration Requirements (9 credits)
Type
Completion Requirement

Economics and Geography Concentration Requirements

Students must make a "B" or better in all concentration classes.

Select 3 6000-level courses
ECO / ECP / GEO
Excluding ECO 6060

Additional Comments:

Finance Concentration Requirements (9 credits)
Type

Completion Requirement

Finance Concentration Concentration Requirements

Student must make a "B" or better in all concentration classes.

Complete at least 2 of the following courses:

- FIN6314 - Banking and FinTech
- FIN6515 - Investments
- FIN6605 - International Finance
- FIN6535 - Derivative Securities
- FIN6565 - Student Managed Investment Fund I
- FIN6566 - Student Managed Investment Fund II
- FIN6906 - Special Work in Finance
- FIN6936 - Special Topics in Finance
- FIN6957 - Study Abroad in Finance

And

Select 1 6000-level course:

ACG / BUL / ECO / ECP / FIN / GEB / ISM / MAN / QMB / MAR / REE / TAX / TRA
Excluding: ACG6005, BUL6138, ECO6060, FIN6407, MAN6002 MAN6536, MAN6724, MAR6055

Additional Comments:

International Business Concentration Requirements (9 credits)
Type
Completion Requirement

International Business Concentration Requirements

Students must make a "B" or better in all concentration classes.

Select any 3 of the following with Global or International in the title, including 1 Study Abroad course:

Complete at least 3 of the following courses:

- MAN6606 - Cultural Environment of Global Business
- MAN6931 - Special Topics in Management
- FIN6605 - International Finance
- MAR6158 - International Marketing
- BUL6850 - Corporate Legal Environment
- ECO6705 - The Global Economy
- MAN6067 - Global Business Ethics
- TRA6725 - International Logistics
- GEO6506 - Economic Geography and Geographic Information Systems
- TAX6505 - International Taxation
- ACG6957 - Study Abroad in Accounting
- ECO6957 - Study Abroad in Economics
- FIN6957 - Study Abroad in Finance
- GEB6957 - Study Abroad in Business
- MAR6957 - Study Abroad in Marketing
- TRA6957 - Study Abroad in Transportation and Logistics

Note: Any student doing a full semester abroad (minimum 9 semester hours- 6000 level) at a Coggin College of Buisness exchange partner will automatically qualify for the Concentration regardless of the course taken.

Additional Comments:

Logistics Concentration Requirements (9 credits)
Type
Completion Requirement

Required Course

Students must make a "B" or better in all concentration classes.

Complete ALL of the following Courses:

- TRA6157 - Supply Chain Management

Concentration Electives

Complete ALL of the following Courses:

- TRA6216 - Strategic Logistics Management
  OR TRA6725 - International Logistics
- ACG6309 - Advanced Managerial Accounting
  OR MAN6581 - Project Management
  OR MAN6559 - Quantitative Management Analysis
  OR MAR6206 - Marketing Channel Systems
  OR MAR6726 - Digital Marketing Analytics
  OR TRA6905 - Directed Individual Study

Additional Comments:

Management Applications Concentration Requirements (9 credits)
Type
Completion Requirement

Management Applications Concentration Requirements (Option 1)

Students must make a "B" or better in all concentration classes.

Select 3 6000-level courses with a MAN prefix
Excluding: MAN6002, MAN6536, MAN6724 AND courses that are part of the core

Management Applications Concentration Requirements (Option 2)

Students must make a "B" or better in all concentration classes.

Complete ALL of the following Courses:

- TRA6157 - Supply Chain Management
  OR TRA6216 - Strategic Logistics Management

And

Select 2 6000-level courses with a MAN prefix
Excluding: MAN6002, MAN6536, MAN6724 AND any courses that are part of the core

Additional Comments:

e-Business Concentration Requirements (9 credits)
Type
Completion Requirement

Required Course

Students must make a "B" or better in all concentration classes. If Study Abroad courses are chosen, these courses must have a significant e-commerce orientation to be counted toward this concentration.

Complete ALL of the following Courses:

- MAN6785 - E-Business Strategy

Concentration Electives

Complete at least 2 of the following courses:

- MAR6726 - Digital Marketing Analytics
- TRA6157 - Supply Chain Management
- MAN6875 - Entrepreneurship and Venture Capital

- MAN6581 - Project Management
- MAN6959 - Study Abroad in Management
- MAN6931 - Special Topics in Management

If study abroad course is chosen, it must have a substantial E-Business orientation. Requires pre-approval.

Additional Comments:

Sports Management Concentration Requirements (9 credits)
Type
Completion Requirement

Sports Management Concentration Requirements

Students must make a "B" or better in all concentration classes. SPM6008 foundations of Sport Management (3 hours) - to be taken if one does not have an undergraduate degree or minor in Sports Management.

Complete at least 3 of the following courses:

- SPM5206 - Ethics and Issues in Sport
- SPM5506 - Sport Finance
- SPM6106 - Sport Facility and Risk Management
- SPM5308 - Marketing and Promotions in Sport

Additional Comments:

Marketing Concentration Requirements (9 credits)
Type
Completion Requirement

Marketing Concentration Requirements

Student must make a "B" or better in all concentration classes.

Complete ALL of the following Courses:

- MAR6506 - Consumer Behavior
- MAR6616 - Marketing Research

And

Select 1 6000-level course with a MAR prefix (3 credits)
Excluding: MAR6055

Additional Comments:

Marketing Analytics Concentration Requirements (9 credits)
Type
Completion Requirement

Marketing Analytics Concentration Requirements

Students must make a "B" or better in all concentration classes. Each course is offered once a year.

Complete ALL of the following Courses:

- MAR6616 - Marketing Research
- ISM6404 - Applications of Business Analytics
- MAR6726 - Digital Marketing Analytics
  OR MAR6735 - Consumer Analytics

Additional Comments:

Program Details

Description
General Business

Code
BUS

Counselor Education: School Counseling, MED

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (6 credits)
Type
Completion Requirement

Prerequisites

Required Pre-Professional Competencies for Florida School Counseling Certification: Completion of this state-approved preparation program provides students with the required competencies in ESOL and Reading competencies for Florida Department of Education Certification in School Counseling. Admitted students are provided advisement if previous coursework is approved to establish ESOL and Reading competencies.

Complete ALL of the following Courses:

- TSL6700 - Issues in ESOL for School Counselors
- RED6334 - Reading and Writing Across the Content

Additional Comments:

Core Requirements (6 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDF6495 - Research and Assessment in School Counseling
- EDF6607 - Education in America

Additional Comments:

Major Requirements (48 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- MHS5005 - Introduction to School Counseling
- MHS6407 - Theories of Counseling
- MHS6421 - Counseling Children and Adolescents
- MHS6482 - Personality and Life Span Development
- MHS6530 - Group Work for School Counseling
- MHS6600 - Seminar: Consultation Skills
- MHS6780 - Legal, Ethical, and Professional Issues in School Counseling
- SDS6000 - School and Family: Managing Student Behavior

- SDS6014 - Organization and Administration of School Counseling
- SDS6310 - College and Career Readiness
- SDS6466 - Crisis/Disaster Management
- SDS6820 - Supervised Field Experiences I
- SDS6821 - Supervised Field Experiences II
- SDS6830 - Internship in School Counseling: Counseling/ Coordination of Guidance Services
- SDS6831 - Management of Resources and Data Analysis
- SDS6832 - Internship: College and Career Readiness
- SDS6930 - Advanced Seminar of Current Issues in School Counseling
- SDS6940 - Practicum in School Counseling

Additional Comments:

Program Details

Description
Counselor Education

Code
CED

Chinese, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Chinese (15 credits)
Type
Completion Requirement

Minor Required Courses

The Chinese minor consists of 15 credit hours above the beginning level: Intermediate Chinese I, Intermediate Chinese II and 3 additional 3000 or 4000 level CHI or CHW electives. Students who place at the 3000 level with Languages, Literatures and Cultures department permission may apply for retroactive credit for Intermediate Chinese I and Intermediate Chinese II (see policy on Placement and Retroactive Credit). At least 3 upper-level courses (9 semester hours) must be completed at UNF. A grade of "C" or better is required for all minor courses.

Select 5 Chinese Courses
Students may count a maximum of 1 of the following courses taught in English toward the Chinese minor:
CHT 3500 Chinese Language and Culture
ASH 3402 Traditional China
ASH 3401 Contemporary China
PHH 3820 Chinese Philosophy
PHH 3811 The Philosophy of Zen Buddhism

Note: Native/Heritage speakers of Chinese must first consult with a member of the Chinese faculty or the chair of Languages, Literatures and Cultures for appropriate courses to take a Chinese electives.

Additional Comments:

Program Details

Description
Chinese

Code
CHI

Chemistry, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (32 Credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
- CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

Additional Comments:

Contextual Courses (8 Credits)
Type
Completion Requirement

Contextual Courses

Complete ALL of the following Courses:

- BSC1010C - General Biology I
- CHM3120 - Quantitative Analytical Chemistry
  AND CHM3120L - Quantitative Analytical Chemistry Laboratory

Additional Comments:

Major Requirements (15 Credits)
Type
Completion Requirement

Category 1

Earn at least 9 credits from the following:

- BCH4033 - Biochemistry I
- CHM4400 - Survey of Physical Chemistry
- CHM3610 - Inorganic Chemistry
- CHM4130 - Modern Analytical Chemistry

Category 2

Earn at least 3 credits from the following:

- BCH4033L - Biochemistry I Lab
- CHM4400L - Survey of Physical Chemistry Lab
- CHM3610L - Inorganic Chemistry Laboratory
- CHM4130L - Modern Analytical Chemistry Laboratory

Category 3

Earn at least 3 credits from the following:

- BCH4033 - Biochemistry I
- BCH4034 - Biochemistry II
- CHM4400 - Survey of Physical Chemistry
- CHM4411 - Physical Chemistry II
- CHM3610 - Inorganic Chemistry
- CHM4130 - Modern Analytical Chemistry
- CHM3260 - Advanced Organic Chemistry
- CHM4612 - Advanced Inorganic Chemistry
- CHM4627 - Solid State Chemistry
- CHS4615 - Environmental Chemistry
- CHM4910 - Chemical Research
- CHM4930 - Selected Topics in Chemistry

Additional Comments:

Capstone Experience (1 Credit)
Type
Completion Requirement

Capstone Experience

Complete ALL of the following Courses:

- CHM4931 - Senior Seminar in Chemistry

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.*

The minor must be selected from the list of approved minors, including those outside the college of the major. See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors and students switching from the BS in Chem to the BA in Chem are exempt from the minor requirement.

Foreign Language/Foreign Culture
Type
Completion Requirement

Additional Comments:

Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

Select 1 two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.

The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.

To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.

Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.

This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.

Foreign cultures contain (FC) in the course title.

A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Chemistry

Code
CHM

Chemistry, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (32 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
- CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

(Students must complete Introduction to Physics, PHY 1028 with a "C" or higher to take Physics I)

Additional Comments:

Major Requirements (24 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- CHM3120 - Quantitative Analytical Chemistry
  AND CHM3120L - Quantitative Analytical Chemistry Laboratory
- BCH4033 - Biochemistry I
- CHM4410 - Physical Chemistry I
  AND CHM4410L - Physical Chemistry I Laboratory
- CHM4411 - Physical Chemistry II
  AND CHM4411L - Physical Chemistry II Laboratory
- CHM3610 - Inorganic Chemistry
  AND CHM3610L - Inorganic Chemistry Laboratory
- CHM4130 - Modern Analytical Chemistry
  AND CHM4130L - Modern Analytical Chemistry Laboratory
- CHM4931 - Senior Seminar in Chemistry

Additional Comments:

Materials Chemistry Concentration (35 credits)
Type
Completion Requirement

Contextual Courses (14 credits)

Complete ALL of the following Courses:

- BSC1010C - General Biology I
- COP2220 - Programming I
- MAC2313 - (GM) Calculus III
- MAP2302 - (GM) Ordinary Differential Equations

Required Courses (15 credits)

Complete ALL of the following Courses:

- PHY3101 - Modern Physics
- PHZ3113C - Mathematical Physics
- PHY3424C - Optics with Laboratory
- PHY3722C - Electronics for Scientists

Electives (6 credits)

Earn at least 6 credits from the following:

- CHM3260 - Advanced Organic Chemistry
- CHM4612 - Advanced Inorganic Chemistry
- CHM4627 - Solid State Chemistry
- PHZ4404 - Solid State Physics
- EMA3010 - Introduction to Materials Science and Engineering
- PHY3604 - Quantum Mechanics
- BCH4033L - Biochemistry I Lab
- CHS4615L - Environmental Chemistry Lab
- CHM4910 - Chemical Research

Additional Comments:

Pre-Medical Professions Concentration (36 credits)
Type
Completion Requirement

Contextual and Required Courses (13 credits)

Complete ALL of the following Courses:

- BSC1010C - General Biology I
- BSC1011C - General Biology II
- BSC2012C - General Biology III
- BCH4033L - Biochemistry I Lab

Chemistry Lecture Elevtive (3 credits)

Complete at least 1 of the following courses:

- CHM3260 - Advanced Organic Chemistry
- BCH4034 - Biochemistry II
- CHM4612 - Advanced Inorganic Chemistry
- CHM4627 - Solid State Chemistry
- CHS4615 - Environmental Chemistry

Chemistry Lab Elective (1 credit)

Complete at least 1 of the following courses:

- BCH4034L - Biochemistry II Laboratory
- CHS4615L - Environmental Chemistry Lab
- CHM4910 - Chemical Research

Additional Electives (19 hours)

(Must not have been taken for the above categories)

Earn at least 19 credits from the following:

- CHM3260 - Advanced Organic Chemistry
- BCH4034 - Biochemistry II
- BCH4034L - Biochemistry II Laboratory
- CHM4612 - Advanced Inorganic Chemistry
- CHM4627 - Solid State Chemistry
- CHM4910 - Chemical Research
- CHM4930 - Selected Topics in Chemistry
- CHS4615 - Environmental Chemistry
- CHS4615L - Environmental Chemistry Lab
- PCB3023C - Molecular and Cell Biology
- PCB3063 - Genetics
- PCB3063L - Genetics Lab
- MCB3020C - Microbial Biology

Additional Comments:

General Concentration (23 credits)
Type
Completion Requirement

Contextual Courses (8 credits)

Complete ALL of the following Courses:

- BSC1010C - General Biology I
- MAC2313 - (GM) Calculus III

Chemistry Lecture Electives (3 credits)

Earn at least 3 credits from the following:

- CHM3260 - Advanced Organic Chemistry
- CHS4615 - Environmental Chemistry
- BCH4034 - Biochemistry II
- CHM4612 - Advanced Inorganic Chemistry
- CHM4627 - Solid State Chemistry

Chemsitry Lab Electives (2 credits)

Earn at least 2 credits from the following:

- BCH4033L - Biochemistry I Lab
- BCH4034L - Biochemistry II Laboratory
- CHS4615L - Environmental Chemistry Lab
- CHM4910 - Chemical Research

Additional Electives (10 credits)

Complete ALL of the following Courses:

- CHM3260 - Advanced Organic Chemistry
- BCH4033L - Biochemistry I Lab
- BCH4034 - Biochemistry II
- BCH4034L - Biochemistry II Laboratory
- CHS4615 - Environmental Chemistry
- CHS4615L - Environmental Chemistry Lab
- CHM4910 - Chemical Research
- CHM4930 - Selected Topics in Chemistry
- PHY3101 - Modern Physics
- PHY3101L - Modern Physics Laboratory
- PHY3722C - Electronics for Scientists
- CHM4612 - Advanced Inorganic Chemistry
- CHM4627 - Solid State Chemistry

Additional Comments:
No more than 4 hours of CHM 4910 may be used towards the major electives.

Program Details

Description
Chemistry

Code
CHM

Chemistry, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Chemistry (23 credits)
Type
Completion Requirement

Minor Required Courses

All courses required for the minor may be transferred with prior approval of the department chairperson. A grade of C or better is required in all courses along with a cumulative average of at least 2.5 for the entire minor.

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
- CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
- CHM2046L - General Chemistry II Laboratory
- CHM3120 - Quantitative Analytical Chemistry
- CHM3120L - Quantitative Analytical Chemistry Laboratory
- CHM2210 - Organic Chemistry I
- CHM2210L - Organic Chemistry I Laboratory

Minor Electives

Earn at least 7 credits from the following:

- CHM2211 - Organic Chemistry II
- CHM2211L - Organic Chemistry II Laboratory
- CHM3260 - Advanced Organic Chemistry
- CHM3610 - Inorganic Chemistry
- CHM3610L - Inorganic Chemistry Laboratory
- BCH4033 - Biochemistry I
- BCH4033L - Biochemistry I Lab
- CHM4130 - Modern Analytical Chemistry
- CHM4130L - Modern Analytical Chemistry Laboratory
- CHM4410 - Physical Chemistry I
- CHM4410L - Physical Chemistry I Laboratory
- CHM4411 - Physical Chemistry II
- CHM4411L - Physical Chemistry II Laboratory
- CHS4615 - Environmental Chemistry
- CHS4615L - Environmental Chemistry Lab
- CHM4612 - Advanced Inorganic Chemistry
- CHM4930 - Selected Topics in Chemistry
- CHM4627 - Solid State Chemistry

Additional Comments:

Program Details

Description
Chemistry

Code
CHM

Child Welfare, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Child Welfare (18 credits)

Type
Completion Requirement

Minor Required Courses

No more than 6 semester hours, or 2 courses, may be transferred in to satisfy minor course requirements. No more than 3 semester hours, or 1 course, carrying lower division numbers may be used to satisfy any minor requirement. A grade of C or better is required for all minor courses.

Complete ALL of the following Courses:

- SOW2031 - Introduction to Social Welfare and Social Work
- SOW4651 - Child Abuse and Neglect
- SOW4724 - Child Welfare Practice

Minor Electives

Complete at least 3 of the following courses:

- SOW3213 - Social Welfare Policy
- SOW3620 - Social Work with Marginalized Groups
- SOW4122 - Inside the Asylum
- SOW4352 - Principles of Social Service Provision
- SOW4602 - Social Work in Health Care
- SOW4700 - Substance Abuse and Social Work Practice
- SOW4905 - Directed Independent Study - Social Work
- SOW4930 - Special Topics in Social Welfare
- SOW4944 - Child Welfare Practicum
- SYO3110 - Sociology of Sexualities
- SYO4100 - Sociology of the Family
- SYP3570 - Deviance and Social Control

Additional Comments:

Program Details

Description
Child Welfare

Code
CHW

Curriculum and Instruction, MED

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Additional Comments:
Must meet all UNF requirements for admission to a graduate program.

Early Childhood Education Concentration: A current valid teaching certificate is not needed for admission to the EC graduate programs.

Core Requirements (12 credits)
Type

Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDF6687 - Foundations of Multicultural and Urban Education
- EDG6067 - Introduction to Teacher Inquiry
- EDG6348 - Coaching and Mentoring for Effective Teaching and Instruction
  OR EDE6205 - Effective Practices for Differentiating Instruction
- EDE6225 - Elementary School Curriculum and Instruction
  OR EEC6205 - Curriculum and Instruction in Early Childhood Education
  OR TSL6142 - ESOL Curriculum Development
  OR ESE6215 - The Secondary School Curriculum

Additional Comments:

Advanced Secondary Ed Concentration (18 credits)
Type
Completion Requirement

Advanced Secondary Ed Concentration - Concentration Requirements (3 credits)

Complete ALL of the following Courses:

- EDG6070 - Teacher Thinking and Decision Making In School Settings

Advanced Secondary Ed Concentration - Culminating Experience (3 credits)

Complete ALL of the following Courses:

- EDG6911 - Action Research in Education

Advanced Secondary Ed Concentration - Electives (12 credits)

CHOOSE 4 Electives in Consultation with Faculty Advisor (Level 5000 or higher)
Electives must enhance pedagogical, curricular, or content knowledge, thus electives may be selected from graduate courses both/either inside and outside of the College of Education and Human Services. Students should consult with their faculty advisor to choose courses that will benefit their personal educational goals.

Additional Comments:

Early Childhood Education Concentration (18 credits)
Type
Completion Requirement

Early Childhood Education Concentration - Concentration Requirements (9 credits)

Complete ALL of the following Courses:

- EEC6756 - Social-Emotional Learning and the Young Child
- EEC6611 - Early Childhood Education
- EEC6261 - Program Planning for Infants, Toddlers, and Young Children

Early Childhood Education Concentration - Culminating Experience (3 credits)

Complete at least 1 of the following courses:

- EDG6911 - Action Research in Education

- EEC6944 - Practicum in Early Childhood Education
- EDA6945 - Practicum in Educational Leadership

Early Childhood Education Concentration - Electives (6 credits)

CHOOSE 2 Electives in Consultation with Faculty Advisor (Level 5000 or higher)
Electives must enhance pedagogical, curricular, or content knowledge, thus electives may be selected from graduate courses both/either inside and outside of the College of Education and Human Services. Students should consult with their faculty advisor to choose courses.

Additional Comments:

Elementary Education Concentration (18 credits)
Type
Completion Requirement

Concentration Requirement

Select 1 Graduate Certificate

- Advanced Literacy Practices for Engaging Learners
- Elementary STEM Education Certificate
- Teacher Inquiry Certificate
- Teacher Leadership for Professional & Student Learning
- Teaching English to Speakers of Other Language (TESOL)

Concentration Electives (6 Credits)

Earn at least 6 credits from the following:

- EDE6205 - Effective Practices for Differentiating Instruction
- EDE6225 - Elementary School Curriculum and Instruction
- MAE6317 - Teaching Elementary Mathematics Using Technology
- SCE6735 - Trends and Issues in Elementary Science Teaching and Learning
- SMT6316 - Developing Creativity and Innovation in Elementary STEM Classrooms
- IDC6015 - Computational Thinking in Elementary STEM Plus C Environments
- SMT6615 - Engineering in the Elementary Classroom
- RED6345 - Motivation and Engagement in Literacy Learning
- EDG6348 - Coaching and Mentoring for Effective Teaching and Instruction
- EDG6070 - Teacher Thinking and Decision Making In School Settings

Culminating Experience (3 Credits)

Complete ALL of the following Courses:

- EDG6911 - Action Research in Education

Additional Comments:

Program Details

Description
Curriculum and Instruction

Code
CIN

Curriculum and Instruction: Early Childhood Education Leadership, MED

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Additional Comments:
Must meet all UNF requirements for admission to a graduate program. However, a current valid teaching certificate is not needed for admission to the EC graduate programs.

Core Requirements (6 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDF6687 - Foundations of Multicultural and Urban Education
- EEC6205 - Curriculum and Instruction in Early Childhood Education

Additional Comments:

Concentration Requirements (27 credits)
Type
Completion Requirement

Concentration Requirements

Complete ALL of the following Courses:

- EEC6756 - Social-Emotional Learning and the Young Child
- EDA6061 - Introduction to Educational Leadership
- EDA6215 - Developing School and Community Resources (School Leadership II)
- EDS6130 - Human Resource Development in Education (Operational Leadership I)
- EDA6196 - Leadership for Learning Organizations (Operational Leadership II)
- EDA6242 - School Finance (Instructional Leadership III)
- EDA6233 - Early Childhood Leadership Policy and Law
- EEC6611 - Early Childhood Education
- EEC6261 - Program Planning for Infants, Toddlers, and Young Children

Additional Comments:

Culminating Experience (3 credits)
Type
Completion Requirement

Culminating Experience

CHOOSE one of the following in consultation with advisor:

Complete at least 1 of the following courses:

- EDG6911 - Action Research in Education
- EEC6944 - Practicum in Early Childhood Education
- EDA6945 - Practicum in Educational Leadership

Additional Comments:

Program Details

Description
Curriculum and Instruction

Code
CIN

Computing & Information Sciences, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Data Science Concentration Requirements
Type
Completion Requirement

Informational Text

Informational Text
The Bachelor of Science in Computing & Information Sciences requires 120 total credits.

School of Computing Policies

- All courses must be completed with a grade of C or better unless noted otherwise.
- Once enrolled at UNF, all remaining prerequisite courses and major/minor requirements must be completed at UNF.
- Satisfactory Progress Policy
  - The School of Computing enforces the "one repeat" rule for all prerequisite and core courses offered by the School for its major programs.
  - Students who do not successfully complete a prerequisite, core, or major requirement for a School of Computing major on the first attempt due to earning a grade of D, F, W, WP, or WF will be granted one chance to repeat the course.
  - Students who do not successfully complete the aforementioned course on the second attempt will be blocked from registering for courses offered by the School of Computing in future semesters.
  - This policy applies whether or not the student has declared a major in a School of Computing program.
  - Students who do not obtain a B or better grade on both COP 3503 Programming II and STA 3032 Probability and Statistics for Engineers will be eligible for suspension from the program.
- Exit Requirements
  - Proficiency in a high-level programming language.
  - Proficiency in oral communication. To demonstrate satisfactory oral communication skills, students must deliver up to two presentations in an upper-level course offered by the School of Computing. If the first presentation is satisfactory, the second presentation will be waived.

Prerequisites (11 credits)

The CIS major with Data Science concentration requires selective admission.

Students must meet the following admission criteria with a minimum grade of C prior to officially being admitted to the major: COP2220 Programming 1 and MAC2311 Calculus 1

Complete ALL of the following Courses:
- COP2220 - Programming I
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II

Requisites - Technical Writing (3 Credits)

Complete ALL of the following Courses:
- ENC2210 - (GW) Technical Writing

Requisites - Public Speaking (3 credits)

SELECT Any public speaking course
SPC4064 Public Speaking for Professionals is recommended.

Requisites - Science (8 Credits)

Select one of the following two-semester sequences:

Complete ANY of the following Courses:
- BSC1010C - General Biology I
  AND BSC1011C - General Biology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
  AND CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- PHY2048C - Calculus-based Physics I
  AND PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

Core Requirements (18 credits)

Complete ALL of the following Courses:
- COP3503 - Programming II
- COP3530 - Data Structures
- CIS3253 - (GW) Legal and Ethical Issues in Computing
- COP3703 - Introduction to Databases
- CNT4504 - Computer Networks
- COT3100 - Computational Structures
  OR MAD3107 - (GM) Discrete Mathematics

Major Requirements (32 credits)

Complete ALL of the following Courses:

- MAS3105 - (GM) Linear Algebra
- STA3163 - (GM) Statistical Methods I
- STA3164 - (GM) Statistical Methods II
- STA3032 - (GM) Probability and Statistics for Engineers
- CAP3784 - Introduction to Data Analytics
- CAP4770 - Data Mining
- CAI4105 - Machine Learning
- COT4400 - Algorithms
- CAP4922 - Data Science Capstone Project
- STA4502 - (GM) Nonparametric Methods in Statistics
  OR STA4504 - (GM) Categorical Data Analysis

Major Electives (9 credits)

Earn at least 9 credits from the following:

- COT4560 - Applied Graph Theory
- COT4111 - Computational Structures II
- COT4461 - Computational Biology
- MAD4301 - Graph Theory
- MAD4203 - Combinatorics
- MAD4505 - Discrete Biomathematics
- MAP4231 - (GM) Operations Research
- MAT4931 - Special Topics in Mathematical Science
- CAP4767 - Text Mining and Information Retrieval
- Or Any upper-level Computing course not used to fulfill other requirements (prefix CAI, CAP, CDA, CEN, CIS, CNT, COP, or COT)
- Or Any 4000-level Statistics course not used to fulfill other major requirements (prefix STA).
- A maximum of 6 credit hours of CIS4900 Directed Independent Study, MAT4906 Directed Individual Studies or STA4906 Directed Individual Studies may be taken. No more than 3 credit hours CIS 4900/MAT4906/STA4906 may be taken with the same professor.
- Students admitted to the accelerated BS-MS program may take the graduate-level courses CIS6913 Research Methods in Computing (3 Credits) and CIS6372 Information Assurance (3 Credits) to satisfy up to 6 credits of the required 9 major elective credits.

Exit Requirement

Computer and Information Sciences Oral Exit Requirement:
All computing majors must deliver up to two spoken presentations in upper-level computing courses for the evaluation of presentation skills. If the first presentation is satisfactory, then the second evaluated presentation will be waived.

Additional Comments:

Financial Technology (FinTech) Concentration Requirements
Type
Completion Requirement

Informational Text

Informational Text
The Bachelor of Science in Financial Technology requires 120 total credits that include a minimum of 48 upper-level credits.

Prerequisites (29 credits)

A grade of "C" or better is required in all prerequisites.

Complete ALL of the following Courses:

- COP2220 - Programming I
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- ENC2210 - (GW) Technical Writing

Core Requirements - Computing Core (12 credits)

Complete ALL of the following Courses:

- COP3503 - Programming II
- COP3530 - Data Structures
- COP3703 - Introduction to Databases
- COT3100 - Computational Structures
  OR MAD3107 - (GM) Discrete Mathematics

Core Requirements - Finance Core (3 credits)

Complete ALL of the following Courses:

- FIN3403 - Financial Management

Core Requirements - Foundational Core (9 credits)

Complete ALL of the following Courses:

- CIS3253 - (GW) Legal and Ethical Issues in Computing
- STA3032 - (GM) Probability and Statistics for Engineers

And
SELECT Any public speaking course: SPC 4064 Public Speaking for Professionals is recommended.

Concentration Required Courses (21 credits)

Complete ALL of the following Courses:

- CAP3784 - Introduction to Data Analytics
- CAP4630 - Introduction to Artificial Intelligence
- CIS4360 - Introduction to Computer Security
- FIN3303 - Financial Markets and Institutions
- FIN4504 - Investments
- FIN3450 - Foundations of FinTech
- FIN4451 - Capstone in FinTech

Concentration Electives (3 credits)

Complete at least 1 of the following courses:

- COP3813 - Internet Programming
- COP3855 - Web Systems Development
- FIN4533 - Derivatives

Other courses from Computing or Business may be approved with the permission of the departments.

Additional Comments:

Program Details

Description
Computing & Info Sciences

Code
CIS

Computing & Information Sciences, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
An undergraduate degree in the chosen area or equivalent, or completion of the following background subjects at the undergraduate level is required for entry into the graduate program.

- Procedural and Object-Oriented Programming
- Data Structures
- Applied Discrete Mathematics
- Databases
- Computer Networks

Grades of "B" or above are expected in any undergraduate preparatory course work taken at UNF.

Conditions for the Masters:
1. A GPA of 3.0 or better must be maintained. A GPA below 3.0, receiving a grade below 'C+' in two courses, or receipt of 'D' or 'F' in one course will result in suspension from the program.
2. No more than 6 credit hours taken outside of the School can be included in the degree.
3. No more than 6 credit hours of 5000-level courses can be applied to the degree.
4. Students must declare thesis/non-thesis option before completion 15 credit hours in the program.
5. Special Topics in Computing (CIS6930) may be approved by the Graduate Director to substitute any of the program courses.

Thesis Option Concentrations
Requires a total of 30 graduate credit hours, of which 24 credit hours must be earned through coursework. The student must enroll in the graduate Thesis course for at least two semesters, which would require the student to conduct an in-depth study of a research problem leading to the composition of a Masters Thesis that summarizes the student findings. The student must defend her/his thesis in a presentation that is open to the general public and evaluated by a faculty committee.

Non-Thesis Option Concentrations
Requires a total of 30 graduate credit hours, of which 24 credit hours must be earned through coursework. The student must enroll in the graduate Research Experience I & & II courses. During the Research Experience, the student is required to submit a manuscript to a journal or conference proceedings or submit a grant proposal to an external funding agency.

Core Requirements (9 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:
- CIS6913 - Research Methods in Computing
- CIS6372 - Information Assurance
- CEN6940 - Computing Practicum

Additional Comments:

Computer Science Concentration Requirements (21 Credits)
Type
Completion Requirement

Concentration Required Courses (9 credits)

Complete ALL of the following Courses:
- COT6405 - Design and Analysis of Algorithms
- CAP6635 - Advanced Artificial Intelligence
- COP6616 - Parallel Computing

Breadth Requirement (6 credits)

Complete at least 2 of the following courses:
- CEN6086 - Cloud Computing
- CAP6610 - Machine Learning
- CNT6730 - Advanced Computer Networks
- CNT6130 - Software Defined Networking
- CNT6707 - Network Architecture and Client/Server Computing
- CIS6930 - Special Topics in Computer and Information Sciences

Thesis Option (6 Credits)

Enroll in CIS 6970 Thesis for at least two terms. More enrollments may be allowed to fulfill the thesis requirements, but only six credits are applicable to the degree. In order to enroll in the Thesis course, the student must obtain the approval of the Graduate Director and a Thesis Advisor.

The student conducts an in-depth study of a research problem leading to a Masters Thesis that summarizes the student findings. The student defends the Thesis in a presentation that is open to the general public and evaluated by a faculty committee.

Complete ALL of the following Courses:
- CIS6970 - Thesis

Non-Thesis Option (6 Credits)

Enroll in CIS6917 Research Experiences I and CIS 6918 Research Experiences II with a faculty member for three credits each in two semesters. During the Research Experience, the student will collaborate with a Computing faculty member on a research project. Before the end of the second of the two semesters, the student is required to submit a manuscript to a journal or conference proceedings or submit a grant proposal to an external funding agency to fulfill the Research Experience requirement.

Complete ALL of the following Courses:
- CIS6917 - Research Experiences I
- CIS6918 - Research Experiences II

Additional Comments:

Information Systems Concentration Requirements (21 Credits)
Type

Completion Requirement

Concentration Required Courses (9 credits)

Complete ALL of the following Courses:

- CEN6016 - Engineering of Software
- CEN6036 - Software Architecture
- CAP6100 - User Experience Design

Breadth Requirement (6 credits)

Complete at least 2 of the following courses:

- ISM6021 - Management of Information Technology
- CAP6768 - Data Analytics
- CEN6070 - Software Quality Assurance and Testing
- CEN6001 - Software Requirements Engineering
- CIS6930 - Special Topics in Computer and Information Sciences

Thesis Option (6 Credits)

Enroll in CIS 6970 Thesis for at least two terms. More enrollments may be allowed to fulfill the thesis requirements, but only six credits are applicable to the degree. In order to enroll in the Thesis course, the student must obtain the approval of the Graduate Director and a Thesis Advisor.

The student conducts an in-depth study of a research problem leading to a Masters Thesis that summarizes the student findings. The student defends the Thesis in a presentation that is open to the general public and evaluated by a faculty committee.

Complete ALL of the following Courses:

- CIS6970 - Thesis

Non-Thesis Option (6 Credits)

Enroll in CIS6917 Research Experiences I and CIS 6918 Research Experiences II with a faculty member for three credits each in two semesters. During the Research Experience, the student will collaborate with a Computing faculty member on a research project. Before the end of the second of the two semesters, the student is required to submit a manuscript to a journal or conference proceedings or submit a grant proposal to an external funding agency to fulfill the Research Experience requirement.

Complete ALL of the following Courses:

- CIS6917 - Research Experiences I
- CIS6918 - Research Experiences II

Additional Comments:

Cybersecurity Concentration Requirements (21 Credits)
Type
Completion Requirement

Concentration Required Courses (9 credits)

Complete ALL of the following Courses:

- CNT6167 - Internet of Things
- CNT6407 - Internet Security
- CNT6519 - Wireless Network Security
  OR CEN6079 - Secure Software Development

Breadth Requirement (6 credits)

Complete at least 2 of the following courses:

- CIS6371 - Applied Cryptography
- CNT6730 - Advanced Computer Networks
- CNT6130 - Software Defined Networking
- CEN6086 - Cloud Computing
- CNT6707 - Network Architecture and Client/Server Computing
- CIS6930 - Special Topics in Computer and Information Sciences

Thesis Option (6 Credits)

Enroll in CIS 6970 Thesis for at least two terms. More enrollments may be allowed to fulfill the thesis requirements, but only six credits are applicable to the degree. In order to enroll in the Thesis course, the student must obtain the approval of the Graduate Director and a Thesis Advisor.

The student conducts an in-depth study of a research problem leading to a Masters Thesis that summarizes the student findings. The student defends the Thesis in a presentation that is open to the general public and evaluated by a faculty committee.

Complete ALL of the following Courses:

- CIS6970 - Thesis

Non-Thesis Option (6 Credits)

Enroll in CIS6917 Research Experiences I and CIS 6918 Research Experiences II with a faculty member for three credits each in two semesters. During the Research Experience, the student will collaborate with a Computing faculty member on a research project. Before the end of the second of the two semesters, the student is required to submit a manuscript to a journal or conference proceedings or submit a grant proposal to an external funding agency to fulfill the Research Experience requirement.

Complete ALL of the following Courses:

- CIS6917 - Research Experiences I
- CIS6918 - Research Experiences II

Additional Comments:

Data Science Concentration Requirements (21 Credits)
Type
Completion Requirement

Concentration Required Courses (9 credits)

Complete ALL of the following Courses:

- CAP6768 - Data Analytics
- CAP6610 - Machine Learning
- COP6284 - Programming for Data Science

Breadth Requirement (6 credits)

Complete at least 2 of the following courses:

- CAP6777 - Data Mining
- CAP6100 - User Experience Design
- MAN6931 - Special Topics in Management
- CAP6776 - Information Retrieval and Text Mining
- CIS6930 - Special Topics in Computer and Information Sciences

Thesis Option (6 Credits)

Enroll in CIS 6970 Thesis for at least two terms. More enrollments may be allowed to fulfill the thesis requirements, but only six credits are applicable to the degree. In order to enroll in the Thesis course, the student must obtain the approval of the Graduate Director and a Thesis Advisor.

The student conducts an in-depth study of a research problem leading to a Masters Thesis that summarizes the student findings. The student defends the Thesis in a presentation that is open to the general public and evaluated by a faculty committee.

Complete ALL of the following Courses:

- CIS6970 - Thesis

Non-Thesis Option (6 Credits)

Enroll in CIS6917 Research Experiences I and CIS 6918 Research Experiences II with a faculty member for three credits each in two semesters. During the Research Experience, the student will collaborate with a Computing faculty member on a research project. Before the end of the second of the two semesters, the student is required to submit a manuscript to a journal or conference proceedings or submit a grant proposal to an external funding agency to fulfill the Research Experience requirement.

Complete ALL of the following Courses:

- CIS6917 - Research Experiences I
- CIS6918 - Research Experiences II

Additional Comments:

Program Details

Description
Computing & Info Sciences

Code
CIS

Computing, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Computing (21 credits)
Type
Completion Requirement

Minor Prerequisites

All coursework in the minor must be completed with a grade of 'C' or better. This minor is not available to majors in Computer Science, Information Systems, Information Science, Information Technology or Computer and Information Sciences. At least 14 hours of upper-level coursework in the minor must be taken at UNF. A "one repeat" rule is enforced. Students not completing a minor prerequisite or requirement on the first attempt, including W, will have only one chance to repeat the course.

Complete ALL of the following Courses:

- COP2220 - Programming I

Minor Required Courses

Complete ALL of the following Courses:

- COP3503 - Programming II
- COP3530 - Data Structures
- CIS3253 - (GW) Legal and Ethical Issues in Computing
- COP3703 - Introduction to Databases
- CNT4504 - Computer Networks
- COT3100 - Computational Structures

Additional Comments:

Program Details

Description
Computing

Code
CISF

Civil Engineering, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
General Education requirements for engineering students differ from other majors. Do not register for general education courses without consulting your academic advisor.

Prerequisite Courses (27 credits)
Type
Completion Requirement

Prerequisite Courses

A grade of "C" or higher is required in all Engineering prerequisite courses. Additionally, the engineering majors are selective admission majors. Students must meet the admission criteria listed with a minimum grade of C prior to officially being admitted to the major: MAC2311 Calculus 1, PHY2048C Calc-based Physics I, and CHM2045/L Gen Chemistry I and Lab.

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
- CHM2045L - General Chemistry I Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III

- MAP2302 - (GM) Ordinary Differential Equations
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
- PHY2049L - Calculus-based Physics II Lab

Additional Comments:

Foundation Courses (14 credits)
Type
Completion Requirement

Foundation Courses

Complete ALL of the following Courses:

- EGN1001C - Introduction to Engineering I
- EGN3311 - Statics
- STA3032 - (GM) Probability and Statistics for Engineers
- ENC3246 - Professional Communication for Engineering
- BSC1010C - General Biology I
  OR BSC3057 - Introduction to Environmental Studies
  OR ESC2000 - Discovering Earth Science
  OR GLY2010 - Physical Geology

Additional Comments:

Core Requirements (16 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- CES3100 - Analysis of Structures
- EGN3331 - Strength of Materials
- CGN3322C - Civil Engineering Geomatics
- CWR3201 - Fluid Mechanics
- EGN3321 - Dynamics

Additional Comments:

Major Requirements (36 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- CEG3011C - Geotechnical Engineering
- CES4702C - Design of Reinforced Concrete
- CGN3501C - Civil Engineering Materials
- CGN4151 - Engineering Management
- CGN4803 - Senior Capstone Design I
- CGN4804 - Senior Capstone Design II
- CGN4935 - FE Exam Review Seminar
- CWR3561 - Numerical Methods and Computing in Civil and Coastal Engineering
- CWR4001 - Introduction to Coastal and Port Engineering
- CWR4202C - Hydraulic Engineering
- ENV3001C - Environmental Engineering
- TTE4004 - Transportation Engineering

* Students who provide proof of passing the Fundamentals of Engineering (FE) Exam prior to completing this course may replace CGN4935 with a free elective. Students must obtain SoE Director approval for this substitution.

Additional Comments:

Technical Electives (12 credits)
Type
Completion Requirement

Technical Electives

Earn at least 12 credits from the following:

- CEG4101 - Analysis and Design of Foundation Systems
- CEG4104 - Analysis and Design of Earth Retaining Systems
- CEG4302 - Applied Engineering Geology
- CES3605 - Design Of Steel Structures
- CES4102 - Matrix Structural Analysis
- CES4321 - Introduction to Bridge Engineering
- CES4711 - Prestressed Concrete
- CES4844 - Repair of Structures
- CGN4430 - Risk Assessment
- CGN4824 - Principles of Land Development
- CWR4024 - Coastal & Estuarine Hydrodynamics
- CWR4006 - Coastal Processes
- CWR4010 - Field Methods
- CWR4121 - Groundwater Flow and Containment Transport
- CWR4514 - Computational Fluid Dynamics
- CWR4550 - Water Wave Mechanics
- CWR4600 - Major River Systems of Florida
- ENV4012 - Advanced Environmental Engineering
- TTE4106 - Transportation Planning
- TTE4201 - Advanced Transportation Engineering
- TTE4203 - Highway Geometric Design
- TTE4276 - Intelligent Transportation Systems
- TTE4314 - Traffic Operations
- CGN4949 - Civil Engineering Internship
- CGN4905 - Directed Individual Study
- CGN4911 - Supervised Undergraduate Research
- CGN4931 - Special Topics in Civil Engineering
- CGN4955 - Civil Engineering Study Abroad

- Or Other 4000-level courses with prefixes CEG, CES, ENV, TTE, CWR, and CGN taken at UNF

- Or Students may take one course (UNF courses only) at either the 3000 or 4000 level from Physics, Mathematics, Computing, Engineering or GIS to count towards technical elective credit hours. Students must secure approval from the School of Engineering Director prior to registering when taking a course from these disciplines.

*CGN4905 and CGN4911 can be taken in any combination up to a total of 6 credit hours

Additional Comments:

Accelerated BSCE-MSCE
Type
Completion Requirement

Additional Comments:

A maximum of 6 credit hours of graduate level coursework may be used towards technical electives at the undergraduate level. Students wishing to take gradate credits while in undergraduate status must receive approval from the School of Engineering Director prior to registering for the graduate level course(s).

Electives
Type
Completion Requirement

Additional Comments:
No additional hours should be necessary to reach 120 hrs. If necessary, select additional courses to attain a total of 120 hours. This area may include hours at any level (1000-4000).

ANY-HOURS FREE ELECTIVES (1000-4000)

Program Details

Description
Civil Engineering

Code
CIV

Civil Engineering, MSCE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

Major Requirements (24 credits)
Type
Completion Requirement

Major Requirements

All coursework must be approved by the student's thesis advisor prior to registering.

Earn at least 24 credits from the following:

- EGN6457 - Advanced Research Methods for Engineers
- CEG6304 - Applied Engineering Geology
- CEG6118 - Advanced Foundation Engineering
- CEG6320 - Drilled Shaft Foundations in Rock
- CEG6806 - Ground and Site Improvement
- CES6144 - Matrix Structural Analysis
- CES6715 - Prestressed Concrete
- CGN6406 - Risk Assessment
- CGN6955 - Civil Engineering Study Abroad
- CWR6545 - Water Resources Systems
- CWR6305 - Stormwater Management
- CWR6236 - River Engineering and Sediment Transport
- CWR6128 - Advanced Groundwater Flow and Contaminant Transport
- CWR6605 - Major River Systems of Florida
- CWR6007 - Coastal Processes
- CWR6008 - Introduction to Coastal and Port Engineering
- CWR6015 - Advanced Field Methods
- CWR6025 - Water Wave Mechanics
- CWR6824 - Coastal and Estuarine Hydrodynamics
- CWR6830 - Port and Harbor Engineering
- CWR6531 - Numerical Modeling of Coastal Systems
- CWR6560 - Advanced Numerical Modeling of Coastal Systems
- ENV6640 - Design of Water Quality Management Facilities
- ENV6510 - Aquatic Chemical Processes
- ENV6511 - Biological Treatment Systems in Environmental Engineering
- ENV6519 - Physical/Chemical Treatment Systems in Environmental Engineering
- TTE6805 - Advanced Highway Geometric Design
- TTE6255 - Traffic Signal Systems
- TTE6205 - Operational Analysis of Transportation Facilities
- TTE6272 - Intelligent Transportation Systems
- TTE6315 - Highway Safety Analysis
- TTE6607 - Transportation Demand Analysis
- CGN5932 - Special Topics in Civil Engineering
- CGN6933 - Special Topics in Civil Engineering
- CGN6900 - Supervised Graduate Research
- CGN6949 - Civil Engineering Graduate Internship

No more than 6 credit hours of non-civil engineering coursework may be taken unless approved by the student's thesis advisor.

Additional Comments:

Non-Thesis Option Concentration Requirements (6 Credits)
Type
Completion Requirement

Concentration Requirements

Choose 6 additional credits from the courses in the major requirements totaling 30 credit hours.

Earn at least 6 credits

Additional Comments:

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Civil Engineering Master's Degree (MSCE) consists of a minimum of thirty credit hours. School of Engineering Conditions for the Degree:

1. All coursework must be completed with a grade of "C" or better.
2. A GPA of 3.0 must be maintained. If the GPA falls below 3.0, academic probation will result.
3. No more than 6.0 hours of transfer coursework can be applied to the degree. However, a student may transfer up to 12.0 hours from online graduate classes taken within the Florida State University System, provided the total of all transfer courses does not exceed 12 credit hours.
4. A student may not receive 5000- or 6000-level credit for a cross-listed 4000/5000-level or 4000/6000-level course previously completed at the 4000-level. Exceptions to this rule may be considered with documented evidence of significant and appropriate differences in content between the courses.

5. If a student chooses to change from either the Civil Engineering Thesis Concentration or Coastal and Port Degree to this non-thesis concentration, any credits of CGN6970 (Civil Engineering Thesis) will not apply towards the degree.
6. If a student chooses to change from either the Civil Engineering Thesis Concentration or Coastal and Port Degree to this non-thesis concentration, any credits of CGN 6900 (Supervised Graduate Research) will not apply towards the degree.

Thesis Option Concentration Requirements (6 credits)
Type
Completion Requirement

Concentration Requirements

Students in the MSCE Thesis Concentration are required to complete 6 credits of thesis work. Once a student enrolls in Master's Thesis credits, continuous enrollment is required until the student successfully submits a written thesis document and conducts an oral defense according to the requirements of UNF's Graduate School.

Complete ALL of the following Courses:
- CGN6970 - Civil Engineering Master's Thesis

Additional Comments:

Program Details

Description
Civil Engineering

Code
CIV

Criminal Justice, MSCJ

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Prerequisites

Prerequisites must be completed within the first 9 hours of graduate course work.

Complete ALL of the following Courses:
- CCJ3014 - Criminological Theory
- CCJ3700 - Research Methods in Criminology & Criminal Justice

Additional Comments:

Major Requirements (12 credits)

Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:
- CCJ6059 - Advanced Criminological Theory
- CCJ6705 - Advanced Methods of Criminological Research
- CCJ6706 - Quantitative Research Methods
- CCJ6457 - Administration of Justice

Additional Comments:

Major Electives (15 credits)
Type
Completion Requirement

Major Electives

Complete at least 5 of the following courses:
- CCJ5692 - Women and Crime
- CJE6268 - Minorities and Crime
- CCJ5646 - Organized Crime
- CCJ5743 - Graduate Supervised Research Experience in Criminal Justice
- CJL5120 - Criminal Law and Procedure in the Criminal Justice System
- CCJ6309 - History and Philosophy of Corrections
- CJC5420 - Counseling Applications in Criminal Justice
- CCJ5346 - Crisis Intervention and Collective Behavior
- CCJ5456 - Criminal Justice Administration Theory and Practice
- CCJ5475 - Criminal Justice Planning and Evaluation
- CJJ5586 - Working with Juveniles and Youthful Offenders
- CCJ5665 - Victimology
- CCJ5668 - Elite Crime
- CCJ6906 - Directed Independent Study
- CCJ5930 - Issues in Modern Criminal Justice
- CJC5135 - Prisons and Jails
- CCJ5079 - Crime Mapping
- CJE6329 - Police Effectiveness
- CJL6026 - Issues in Law and Justice Process
- CCJ6639 - Issues in Social and Criminal Justice
- CJL6020 - Prosecution and Defense Procedure
- CJE5320 - Police Administration
- CJE5121 - Homeland Security and Criminal Justice
- CJE5428 - Critical Issues in Community Policing
- CJL5025 - Women, Justice and the Law
- CJC5425 - Methods of Offender Treatment
- CJC5520 - Punishment and Society
- CCJ5652 - Drugs, Crime and Society
- CCJ5066 - Poverty and Crime
- CJC5165 - Community Corrections and Offender Reentry
- CCJ6944 - Graduate Supervised Teaching Experience in Criminal Justice

CCJ 6620 Immigration and Crime*

CCJ 6631 Media and Crime*

CCJ 6489 Ethics in Criminal Justice*

CCJ 6685 Intimate Partner Violence*

CCJ 6621 Forms of Criminal Behavior*

CCJ 6194 Mental Health and Corrections*

CCJ 6709 Field Research Methods*

*Courses pending state approval

Additional Comments:

Exit Requirement (6 credits)
Type
Completion Requirement

Thesis Option

Must take 6 hours:

Complete ALL of the following Courses:

- CCJ6974 - Thesis/Demonstration Project

Non-thesis Option

2 additional graduate courses

Additional Comments:

Program Details

Description
Criminal Justice

Code
CJU

Clinical Mental Health Counseling, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:

- Refer to the UNF graduate catalog for prerequisites to individual courses.
- Unless a course is identified as repeatable for credit, you may receive credit for a course only once. However, your GPA will reflect all repeated courses.
- Program Director approval is required prior to registering for coursework at another institution.
- With the Program Director's approval, graduate-level course work may be transferred from institution accredited by an acceptable institutional accreditor.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook.
- It is mandatory to follow the program course sequence. You must contact the program director for any changes in the course sequence to be considered.
- To qualify for the Thesis option student must:
  - have satisfactorily passed MHS6876 Clinical Research and Outcome Evaluation with a grade of B or better.
  - have a GPA of 3.3 or higher in their first 2 semesters of the program, and
  - identify and receive written approval from their Thesis Advisor, Second Reader, and Program Director.

Major Requirements (51 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- MHS6430 - Introduction to Family Counseling
- MHS6486 - Human Development Across the Lifespan
- MHS6404 - Theories in Clinical Mental Health Counseling
- MHS6700 - Legal, Ethical, and Professional Issues in Counseling
- MHS6941 - Clinical Counseling Skills
- MHS6876 - Clinical Research and Outcome Eval in Mental Health Counseling
- MHS6405 - Advanced Counseling
- MHS6428 - Counseling Diverse Populations
- MHS6510 - Group Counseling
- MHS6205 - Clinical Assessment and Diagnosis
- MHS6305 - Career Counseling
- MHS6800 - Practicum in Mental Health Counseling
- MHS6401 - Clinical Mental Health Counseling in Community Settings
- MHS6450 - Addictions Counseling
- MHS6470 - Sexual Issues in Counseling
- MHS6830 - Internship in Mental Health Counseling

Additional Comments:

Electives or Thesis (9 credits)
Type
Completion Requirement

Elective Option

Complete at least 3 of the following courses:

- MHS5403 - Expressive Arts and Creativity in Counseling
- MHS6402 - Overview of Brief Counseling
- MHS6610 - Clinical Supervision in Counseling
- MHS6930 - Special Topics in Counselor Education
- MHS6423 - Psychotherapy with Children and Adolescents
- MHS6444 - Animal Assisted Treatment and Education
- MHS6448 - Grief and Loss in Counseling
- HSC6601 - Animal Assisted Services in Healthcare and Education

Thesis Option

Complete ALL of the following Courses:

- MHS6970 - Thesis A
- MHS6971 - Thesis B
- HSC6716 - Health Program Evaluation
  OR PHC6050 - Public Health Biostatistics I

OR PSY6214 - Research Design and Analysis I
OR PSY6217 - Research Design and Analysis II
OR EDA7400 - Research in Education: Quantitative Method
OR EDA7410 - Research in Education: Qualitative Method

Additional Comments:

Program Details

Description
Clinical Mental Health Couns

Code
CMH

Communication Management, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (15 credits)
Type
Completion Requirement

Core Requirements

M.S. in Communication Management students can choose either a thesis option or a non-thesis option. Both options apply to all of the following concentrations: Business, Public Health, Leadership, Nonprofit Management, and Public Management. The program consists of a minimum of 36 credit hours, 15 of which are earned through a common core of required courses in the School of Communication. Also, three credit hours are selected from a list of electives in the School of Communication. In addition, 12 credit hours are earned through one of five outside concentrations: Business Public Health, Leadership, Nonprofit Management, and Public Management. The final 6 credit hours are earned through an academic communication management-related thesis or a professional communication-related research project.

Complete ALL of the following Courses:

- MMC6256 - Foundations of Communication Management
- MMC6006 - Strategic Communication Theory
- MMC6426 - Qualitative Research Methods in Mass Communication
- MMC6421 - Quantitative Research Methods in Mass Communication
- MMC6206 - Ethics in Communication Management

Additional Comments:

Major Electives (3 credits)
Type
Completion Requirement

Major Electives

Complete at least 1 of the following courses:

- ADV5408 - Strategic Branding
- COM5126 - Organizational Communication
- COM5627 - Lying and Deception
- COM5226 - Theory and Research Methods in Health Communication
- COM5046 - Interpersonal Communication
- RTV5801 - Media Management
- MMC5946 - Internship in Communication Management
- MMC5267 - Current Issues in Emerging Media
- MMC6730 - Social Media Management
- MMC5738 - Strategic Social Media

Additional Comments:

Business Concentration Requirements (Thesis and Non-Thesis Tracks)
Type
Completion Requirement

Concentration Requirements (12 credits)

Complete ALL of the following Courses:

- MAN6002 - Cornerstones of Management
- ECO6060 - Economic Analysis
- MAR6055 - Fundamentals of Marketing
- ACG6305 - Management Accounting
  OR ECO6415 - Making Decisions with Data
  OR ECP6705 - Economics of Business Decisions
  OR FIN6407 - Fundamentals of Financial Management
  OR ISM6021 - Management of Information Technology
  OR MAN6204 - Topics in Organizational Theory
  OR MAN6875 - Entrepreneurship and Venture Capital
  OR MAR6805 - Marketing Strategy

Additional Comments:

Leadership Concentration Requirements (Thesis and Non-Thesis Tracks)
Type
Completion Requirement

Concentration Requirements (12 credits)

Complete ALL of the following Courses:

- EDA6191 - Team Leadership
- EDA6196 - Leadership for Learning Organizations (Operational Leadership II)
- EDS6130 - Human Resource Development in Education (Operational Leadership I)
- EDA6215 - Developing School and Community Resources (School Leadership II)
  OR EDA6423 - Data Driven Decision-Making in Educational Leadership
  OR EDS6050 - Instructional Leadership (Instructional Leadership IV)

Additional Comments:

Nonprofit Management Concentration Requirements (Thesis and Non-Thesis Tracks)
Type
Completion Requirement

Concentration Requirements (12 credits)

Complete ALL of the following Courses:

- PAD6142 - Management of Nonprofit Organizations
- PAD6164 - Nonprofit Stakeholder Relations
- PAD6208 - Nonprofit Financial Management
- EDH6510 - Grants Development and Project Design

Additional Comments:

Public Health Concentration Requirements (Thesis and Non-Thesis Tracks)
Type
Completion Requirement

Concentration Requirements (12 credits)

Students may take any four courses (12 credits) listed below, including the Global Health courses, to satisfy the Public Health Concentration. Students who take four global health courses (12 credits) will satisfy the requirements of the Public Health Concentration and additionally earn the Graduate Certificate in Global Health.

Earn at least 12 credits from the following:

- HSC6603 - Theoretical Foundations of Behavior Change
- HSC6716 - Health Program Evaluation
- PHC6102 - Public Health Policy and Advocacy
- PHC6000 - Epidemiology I
- PHC6149 - Public Health Leadership and Management
- PHC6002 - Infectious Disease Epidemiology
- PHC6011 - Epidemiology II
- HSC6585 - Health Communication
- HSC6587 - Public Health Program Planning
- HSC6215 - Environmental Health
- PHC6020 - Introduction to Clinical Trials
- HSC6138 - Sexuality Education
- HSC6931 - Special Topics
- HSC6625 - Global Health
- HSC6165 - Global Sexuality and Reproductive Health
- HSC6675 - Global Health: Water, Sanitation and Hygiene
- HSC6931 - Special Topics
- NGR6894 - Global Health Care and Culture

Or Public Health Electives: Students may select HSC or PHC elective courses as offered (i.e., PHC6020 Introduction to Clinical Trials (3 credits); HSC6138 Sexuality Education (3 credits); HSC6931 Special Topics (3 credits), etc.)

Or Any other BCH Global Health courses (i.e. Study Abroad, Global Health elective, Global Health Special Topics, etc.).

Note: Global Health Courses counting for the Graduate Certificate in Global Health include:
HSC6625, HSC6165, HSC6675, HSC6931, NGR6894, or any other BCH Global Health courses (i.e. Study Abroad, Global Health elective, Global Health Special Topics, etc.).

Additional Comments:

Public Management Concentration Requirements (Thesis and Non-Thesis Tracks)
Type
Completion Requirement

Concentration Requirements (12 credits)

Complete ALL of the following Courses:

- PAD6060 - Public Administration in Modern Society
- PAD6227 - Government Budgeting and Finance
- PAD6417 - Human Resources for Public and Nonprofit Management

And SELECT 1 elective from MPA courses from: PAD 5000-6999 or PUP 5000-6999 (3 Credits)

Additional Comments:

Thesis Option (6 credits)
Type
Completion Requirement

Thesis

Students will complete either an academic communication management-related thesis OR a professional communication- related research project under the supervision of a faculty advisor and committee. Students will take this 3-credit course twice to reach the required 6 credit hours of thesis/applied research project needed to graduate with the M.S. in Communication Management. Permission of the M.S. in Communication Management graduate program director is a prerequisite to enroll.

Complete ALL of the following Courses:

- MMC6971 - Thesis/Applied Research Project

Applies to Thesis Option tracks for the following Concentrations in Communication Management:
Business
Leadership
Nonprofit Management
Public Health
Public Management

Additional Comments:

Non-Thesis Option (6 credits)
Type
Completion Requirement

Exit Requirement

Students choose either Thesis or Applied Research Project option OR Non-Thesis Option (6 credits) Students will complete either an academic communication management-related thesis OR a professional communication- related research project under the supervision of a faculty advisor and committee. Students will take this 3-credit course twice to reach the required 6 credit hours of thesis/applied research project needed to graduate with the M.S. in Communication Management. Permission of the M.S. in Communication Management graduate program director is a prerequisite to enroll.

Students who choose the non-thesis option will take six additional credit hours from the list of School Electives.
Applies to Non-Thesis Option tracks for the following Concentrations in Communication Management:
Business
Leadership
Nonprofit Management
Public Health
Public Management

Additional Comments:

Program Details

Description
Communication Management

Code
CMM

Conducting, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Conducting (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may only enroll in the certificate in conjunction with a degree-seeking program. Please see the Undergraduate Certificate Programs page for more information.

Eligibility: Students in any music major

Courses in this program require departmental permission for registration. Undergraduate students must get permission from the Director of the School of Music to register for graduate-level courses.

Complete ALL of the following Courses:

- MUG4202 - Advanced Choral Conducting
  OR MUG4302 - Advanced Instrumental Conducting
- MUL4643 - Choral Literature
  OR MUG6256 - Choral Conducting and Literature Seminar
  OR MUL4550 - Instrumental Literature
  OR MUG6356 - Instrumental Conducting and Literature Seminar

And ENSEMBLE (2 Credits)
Students must take 2 credits of 3000-level large ensemble courses (MUN) beyond the ensemble requirements of their major. Students should consult the School of Music for specific MUN courses that may count toward this requirement.

Certificate Electives

This requirement may be fulfilled by any of the courses listed (including ensembles) and/or courses from the following list:

Earn at least 5 credits from the following:

- MUE2410 - Choral Techniques for Instrumentalists
- MUG4109 - Applied Conducting
- MUG4102 - Conducting Intensive
- MUG4401 - Score Study and Preparation
- MUG4701 - Choral-Orchestral Masterworks

Note: Some of the courses listed above are allowed to be taken more than once in order to meet the 5-6 credits of electives.

Though not required, students who are pursuing this certificate in conjunction with a music major should consider taking MUE 2410, MUG 6206 or MUR 3802 as part of their major electives.

Additional Comments:

Program Details

Description
Conducting Certificate

Code
CND

Social Media, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Social Media (15 credits)
Type
Completion Requirement

Minor Required Courses

The Social Media minor is available for all UNF undergraduate students. Courses listed below that were used for the B.A. in Communication or B.S. in Communication can count in the Social Media Minor. No more than 6 semester hours of transfer courses can be used for the minor. A grade of C or better is required in all minor courses and prerequisites.

Complete at least 5 of the following courses:

- COM4373 - Consequences of Cyberculture
- COM4561 - Strategic Social Media
- MMC3002 - Social Media for Communication
- MMC3342 - Content Creation Tools
- MMC3402 - Political Advertising
- MMC4630 - Understanding Emerging Media
- MMC4732 - Social Media Management

Additional Comments:

Program Details

Description
Social Media

Code
COM9

Construction Management, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Construction Management Masters Degree consists of a minimum of thirty credit hours. Graduate students in the Construction Management Major may select either a course work, thesis, or a project based executive. These options are detailed below.

Students without a Construction or Engineering degree are required to complete the following pre-requisite courses: : PHY 2053C: Algebra Based Physics I (4 Credits), and BCN 2405: Introduction to Structures (3 credits) prior to registering for 5000-6000 level Construction Management courses.

All programs of study must be approved by the Construction Management Graduate Program Coordinator prior to the end of the second semester of graduate study.

Construction Management Department Conditions for the Degree
1. All coursework must be completed with a grade of C or better.
2. A GPA of 3.0 must be maintained. If the GPA falls below 3.0, academic probation will result.
3. A student may transfer up to 12.0 of approved coursework from outside institutions.

Prerequisites (7 credits)
Type
Completion Requirement

Prerequisites

If a student does not have a Construction Management or Engineering Degree, they must complete these prerequiste courses.

Complete ALL of the following Courses:
- PHY2053C - Algebra-based Physics I
- BCN2405 - Introduction to Structures

Additional Comments:

Major Required Courses (15 Credits)
Type
Completion Requirement

Major Required Courses

Complete ALL of the following Courses:
- BCN5036 - Research Methods in Construction
- BCN6728 - Construction Planning and Scheduling
- BCN6748 - Construction Law
- BCN6470 - Production Management in Construction
- BCN6715 - Construction Labor Resources

Additional Comments:

No Concentration Requirements (15 Credits)
Type
Completion Requirement

Major Electives

15 credit hours from construction management, business, mathematics, computing, or engineering (must be 5000 level or above) if their Bachelors degree is in Construction Management. Meet with your faculty academic advisor to select electives.

Earn at least 15 credits from the following:
- BCN6315 - Advanced Construction Technology
- BCN6595 - Environmental Issues in Land Development and Construction
- BCN6585 - Sustainability in Construction
- BCN6305 - Building Information Modeling
- BCN5737 - Advanced Issues in Construction Safety and Health
- BCN6763 - Constructability
- FIN6407 - Fundamentals of Financial Management
- MAN6002 - Cornerstones of Management
- CEG6806 - Ground and Site Improvement
- CGN6406 - Risk Assessment
- ECO6415 - Making Decisions with Data

Or a 5000/6000 level course with one of the following prefixes: CEG / CES / CGN / ECO / EML / FIN / MAN

Additional Comments:

Executive Thesis Concentration Requirements (15 credits)
Type
Completion Requirement

Concentration Electives (9 credits)

9 credit hours from construction management, business, mathematics, computing, or engineering (must be 5000 level or above) if their Bachelors degree is in Construction Management. Meet with your faculty academic advisor to select electives.

Earn at least 9 credits from the following:
- BCN6315 - Advanced Construction Technology
- BCN6595 - Environmental Issues in Land Development and Construction
- BCN6585 - Sustainability in Construction
- BCN6305 - Building Information Modeling
- BCN5737 - Advanced Issues in Construction Safety and Health
- BCN6763 - Constructability
- FIN6407 - Fundamentals of Financial Management
- MAN6002 - Cornerstones of Management
- CEG6806 - Ground and Site Improvement
- CGN6406 - Risk Assessment
- ECO6415 - Making Decisions with Data

Or a 5000/6000 level course with one of the following prefixes: CEG / CES / CGN / ECO / EML / FIN / MAN

Thesis (6 credits)

6 credits required, up to 12 credits optional

Earn at least 6 credits from the following:
- BCN6970 - Masters Thesis Research

Additional Comments:
Up to 12 hours of Independent Project-Based Research are allowed if no electives are selected. Each credit hour of electives decreases the credit hours of Independent Research allowed.

The Project-Based Thesis Option allows for:
1) 15 credit hours from the Major Requirement Options, 9 credit hours from the Elective Options, and 6 credit hours of Project-Based Thesis OR
2) 15 credit hours from the Major Requirement Options, 6 credit hours from the Elective Options, and 9 credit hours of Project-Based Thesis OR
3) 15 credit hours from the Major Requirement Options, 3 credit hours from the Elective Options, and 12 credit hours of Project-Based Thesis

Thesis Concentration Requirements (15 credits)
Type
Completion Requirement

Concentration Electives (9 credits)

9 credit hours from construction management, business, mathematics, computing, or engineering (must be 5000 level or above) if their Bachelors degree is in Construction Management. Meet with your faculty academic advisor to select electives.

Earn at least 9 credits from the following:

- BCN6315 - Advanced Construction Technology
- BCN6595 - Environmental Issues in Land Development and Construction
- BCN6585 - Sustainability in Construction
- BCN6305 - Building Information Modeling
- BCN5737 - Advanced Issues in Construction Safety and Health
- BCN6763 - Constructability
- FIN6407 - Fundamentals of Financial Management
- MAN6002 - Cornerstones of Management
- CEG6806 - Ground and Site Improvement
- CGN6406 - Risk Assessment
- ECO6415 - Making Decisions with Data

Or a 5000/6000 level course with one of the following prefixes: CEG / CES / CGN / ECO / EML / FIN / MAN

Thesis (6 credits)

Earn at least 6 credits from the following:

- BCN6970 - Masters Thesis Research

Additional Comments:

Program Details

Description
Construction Management

Code
CON

Construction Management, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Construction Management (30 credits)
Type
Completion Requirement

Minor Prerequisites

All coursework in the minor must be completed with a grade of 'C' or better. This minor is not available for majors in Construction Management. At least 12 hours of upper-level coursework in the minor must be taken at UNF. Students seeking a minor in Construction Management must adhere to all policies stated in the UNF catalog regarding Construction Management and the College of Computing, Engineering, and Construction.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- BUL3130 - The Legal Environment of Business
- MAC2233 - (GM) Calculus for Business
  OR MAC2311 - (GM) Calculus I
- BCN1251 - Construction Drawing
- BCN1210C - Construction Materials
  OR CGN3501C - Civil Engineering Materials
- BCN2405 - Introduction to Structures
  OR EGN3311 - Statics

Minor Required Courses

Complete ALL of the following Courses:

- BCN3611C - Construction Cost Estimating
- BCN3224 - Construction Techniques
- BCN4720 - Construction Project Planning and Scheduling

Minor Electives

Select 1 additional elective elective
Select 1 3000-4000 level Construction Management course

Additional Comments:

Minor: Construction Management for Civil Engineering Majors (24 credits)
Type
Completion Requirement

Minor Prerequisites

Students are required to be juniors to declare this minor. At least 12 credits of upper-level coursework must be taken at UNF. Students seeking a minor in Construction Management must adhere to all policies stated in the UNF catalog regarding Construction Management and the College of Computing, Engineering, and Construction (CCEC). This minor is only applicable to Civil Engineering majors.

Complete ALL of the following Courses:

- BCN1251 - Construction Drawing
- BUL3130 - The Legal Environment of Business
- MAC2311 - (GM) Calculus I
- EGN3311 - Statics
- CGN3501C - Civil Engineering Materials

Minor Required Courses

Complete ALL of the following Courses:

- BCN3611C - Construction Cost Estimating
- BCN4708 - Construction Documents and Contracts
- BCN4720 - Construction Project Planning and Scheduling

Additional Comments:

Program Details

Description
Construction Management

Code
CON

Coastal and Port Engineering, MSCE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Civil Engineering Master's Degree (MSCE) consists of a minimum of thirty credit hours.
Students in the Coastal and Port Engineering major must complete a thesis.

All programs of study must be approved by the School of Engineering Graduate Program Director prior to the end of the second semester of graduate study. School of Engineering Conditions for the Degree:

1. All coursework must be completed with a grade of "C" or better.
2. A GPA of 3.0 must be maintained. If the GPA falls below 3.0, academic probation will result.
3. No more than 6.0 hours of transfer coursework can be applied to the degree. However, a student may transfer up to 12.0 hours from online graduate classes taken within the Florida State University System, provided the total of all transfer courses does not exceed 12 credit hours.
4. A student may not receive 5000- or 6000-level credit for a cross-listed 4000/5000-level or 4000/6000-level course previously completed at the 4000-level. Exceptions to this rule may be considered with documented evidence of significant and appropriate differences in content between the courses.
5. If a student chooses to change from either the Civil Engineering Thesis Concentration or Coastal and Port Degree to this non-thesis concentration, any credits of CGN6970 (Civil Engineering Thesis) will not apply towards the degree.
6. If a student chooses to change from either the Civil Engineering Thesis Concentration or Coastal and Port Degree to this non-thesis concentration, any credits of CGN 6900 (Supervised Graduate Research) will not apply towards the degree.

Major Requirements (24 credits)
Type
Completion Requirement

Major Requirements

All coursework must be approved by the student's thesis advisor prior to registering.

Earn at least 24 credits from the following:

- CGN6406 - Risk Assessment
- CGN6955 - Civil Engineering Study Abroad
- EGN6457 - Advanced Research Methods for Engineers
- CWR6008 - Introduction to Coastal and Port Engineering
- CWR6824 - Coastal and Estuarine Hydrodynamics
- CWR6015 - Advanced Field Methods
- CWR6531 - Numerical Modeling of Coastal Systems
- CWR6830 - Port and Harbor Engineering
- CWR6025 - Water Wave Mechanics
- CGN6335 - Advanced Oceanography & Meteorology
- CWR6007 - Coastal Processes
- CWR6545 - Water Resources Systems
- CWR6560 - Advanced Numerical Modeling of Coastal Systems
- CWR6605 - Major River Systems of Florida
- CWR6820 - Coastal Structures
- CWR6526 - Computational Fluid Dynamics
- CWR6241 - Sediment Transport
- CWR6285 - Turbulence
- CWR6026 - Nonlinear Waves
- CWR6236 - River Engineering and Sediment Transport
- CGN6949 - Civil Engineering Graduate Internship
- CGN6900 - Supervised Graduate Research

Note: No more than 6 credit hours of non-civil engineering coursework may be taken unless approved by the student's thesis advisor.

CGN6900 can be repeated up to 6 credit hours.

Additional Comments:

Thesis (6 credits)
Type
Completion Requirement

Thesis

Students in the MSCE Thesis Concentration are required to complete 6 credits of thesis work. Once a student enrolls in Master's Thesis credits, continuous enrollment is required until the student successfully submits a written thesis document and conducts an oral defense according to the requirements of UNF's Graduate School.

Complete ALL of the following Courses:

- CGN6970 - Civil Engineering Master's Thesis

Additional Comments:

Program Details

Description
Coastal and Port Engineering

Code
COP

Computing, PhD

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Computing PhD program provides students with advanced, research-based, studies in the field of Computing to prepare them for research and development positions in the private and public sectors as well as academic positions in universities and colleges. In addition to the traditional and well-established, research methods, the program encourages multidisciplinary research approaches and prioritizes research problems with direct economic and community impacts.

The Intelligent Systems concentration focuses on studying theories, concepts, and systems that are inspired by the intelligent behaviors of humans, species and biological systems. Given the research focus of the degree, the Intelligent Systems concentration students will tackle research problems whose solution does not exist, or can be improved in measurable ways, and contributes to the intelligent systems literature.

The Computing PhD program with Intelligent Systems concentration requires a total of 72 graduate credit hours beyond the undergraduate degree. Course work accounts for 48 credits. The PhD dissertation is research-based and accounts for a minimum of 24 credit hours.

Application Requirements
Type
Completion Requirement

Additional Comments:
In addition to the general Graduate School application requirements, the application materials for the Computing PhD program must include the following:

- Three letters of recommendation
- A recent resume
- A state of purpose, not exceeding 500 words
- GRE verbal and quantitative scores

Entrance/Admissions Requirements
Type
Completion Requirement

Additional Comments:
- A four-year baccalaureate degree from a regionally accredited U.S. institution, or its equivalent from a foreign institution, with a GPA of 3.0 or higher in all work attempted in the last 60 credit hours of undergraduate study.
- If the applicant has a graduate degree in a Computing field, graduate courses may be considered if the undergraduate GPA is less than 3.0.
- If the previously earned degrees (undergraduate or graduate) were not in a Computing field, completion of the following background subjects at the undergraduate level is required before enrolling in any graduate courses:
    - Procedural and Object-Oriented Programming
    - Data Structures
    - Applied Discrete Mathematics
    - Databases
    - Computer Networks
    - Grades of "B" or above are required in any undergraduate preparatory course work taken at UNF.
- A minimum score of 150 in the GRE verbal section.
- A minimum score of 155 in the GRE quantitative section.

Program Requirements
Type
Completion Requirement

Additional Comments:
- A minimum of 72 credits beyond the baccalaureate degree
    - A minimum of 48 credits of graduate coursework
    - A minimum of 24 credits of doctoral dissertation research
- Successful completion of the qualification process
- Successful completion of the candidacy process
- Successful completion of the defense examination
- Approval of PhD dissertation

PhD Supervision
Type
Completion Requirement

Additional Comments:
Every entering PhD graduate student must attend the UNF Computing New Graduate Student Orientation, usually given right before or at the beginning of Fall and Spring semesters. The student must form a dissertation committee and identify a dissertation supervisor, who is a Graduate Faculty member and will chair this committee, by the completion of 30 credits in the program (post Bachelor). The dissertation committee will consist of 4 members including the dissertation supervisor. One of the remaining three committee members may be from outside the School of Computing, including from another University/ institution. All committee members should be familiar with the student's area of research. The dissertation supervisor plays a significant role in directing the dissertation research and the selection of the next 18 course credits of the student's program of study; 6 of these 18 credits may be DIS credits (thus the DIS courses are assumed to be taken after the completion of 30 credits).

The Qualification Process
Type
Completion Requirement

Additional Comments:
A student becomes eligible to start the qualification process upon completing 36 program credits with an average program GPA of at least 3.0 and having a publication within the last 5 years in a high-quality computing venue, preferably with a program faculty coauthor. Recent notices of acceptance will be considered. The School Director appoints a qualification review committee of two or more program faculty, in consultation with the graduate director and the student's PhD supervisor. The committee will evaluate the student's research portfolio, including pertinent
graduate course grades and publications. As part of the qualification review process, the committee will schedule a public research talk by the student. Upon successful completion of the qualification process, qualified students are expected to register for at least 6 program applicable credits during each subsequent fall and spring term, including at least 3 dissertation credits. Students who do not successfully pass the qualification process, may apply for a second and final time in a future semester. Students who cannot pass the

qualification process after two attempts become eligible for suspension. Students who successfully complete the qualification process must graduate within five academic years; else they will be eligible for suspension.

The Candidacy Process
Type
Completion Requirement

Additional Comments:
Students may apply for candidacy with the PhD supervisor's approval, after a committee has been formed, after the qualification process has been successfully completed, and after completing at least 6 dissertation research credits. The graduate director verifies the student's eligibility to apply for candidacy. The purpose of the PhD Candidacy process is to certify the scope and validity of the student's proposed research, and the student's ability to perform the work. The PhD supervisor must notify the graduate director of the student's intention to seek candidacy no later than two weeks after the beginning of the semester. The candidacy process entails the submission of a written PhD proposal and presenting the said proposal to the dissertation committee. The student will be given one or two written questions by each committee member and is expected to provide written answers to those questions. The committee members vote on the student's candidacy. No later than one week before the end of the semester, the PhD supervisor will notify the graduate director of the results of the candidacy vote. The candidacy process is administrated by the PhD supervisor. If the student's candidacy is denied, the student may apply for a second and final time in a future semester. The new candidacy application may involve a different committee formation. Students who cannot pass the candidacy process after two attempts become eligible for suspension.

The Defense Examination
Type
Completion Requirement

Additional Comments:
All PhD students are required to complete and defend a dissertation of publishable quality. Student must complete at least 24 dissertation credits and at least 48 coursework credits including the current semester registered credits, at least six dissertation credits after successful completion of the candidacy process excluding the current semester registered credits, and have a minimum program GPA of 3.0 to be eligible to schedule dissertation defense. The dissertation must be a product of an independent investigation, including a basic research component, that constitutes an original contribution to Computing. Projects that solely demonstrate an application of computer technology to a new problem area will not be acceptable. The defense must occur after completion of research and all other work prescribed by the dissertation supervisor. The student must be registered for at least three hours of CIS 7003 Dissertation Research during the term in which the defense is scheduled and the term in which the degree will be conferred. A draft of the dissertation must be submitted to all Dissertation Committee no later than 10 business days before the scheduled date of the defense. The format of the dissertation must conform to the requirements of the Graduate School.

The dissertation title along with an abstract should be posted on electronic and standard bulletin boards at least two weeks in advance so that interested students and faculty may attend. A general-audience abstract along with an announcement must be submitted to the Graduate Director for posting. This information must be announced by the graduate director no later than 5 business days after receiving notification from the dissertation supervisor regarding the student's intent to defend.

The dissertation must be approved by the dissertation committee, the School of Computing, and the Graduate School. The dissertation must be submitted to the Graduate School in electronic form. If the dissertation is not approved by the Graduate School deadline of the semester in which it was defended, the student will be required to register for one credit hour of dissertation every subsequent semester until the dissertation is fully approved by the Graduate School deadline of the semester.

The defense will consist of two parts: an open part and a closed part. During the open part, the student gives a one-hour presentation on the dissertation work. During this presentation, members of the audience may ask questions. Then the student's Dissertation Supervisor will ask the audience to leave the room to begin the closed section of the defense. The student's Dissertation Committee members and other faculty may ask the student more detailed questions during the closed section. The student will then leave the room while the Dissertation Committee prepares its decision. The dissertation must be approved by the committee, the School, and the graduate school. If the student's dissertation is not approved by the end of the semester in which he/she defends the dissertation, the student will be required to register for one credit hour of dissertation until the final submission of the dissertation or the time of graduation. The defense may be attempted at most two times.

Intelligent Systems Concentration Requirements (48 Credits)
Type
Completion Requirement

Intelligent Systems Concentration Graduate Coursework

- A minimum of 48 credits of graduate coursework
- Student may transfer a maximum of 30 relevant graduate credits toward the coursework requirement. Graduate director approval is required.
- No coursework credits older than 10 years can be counted toward fulfilling the program requirements.
- A maximum of six credits of directed independent studies is allowed. Graduate Director approval is required.
- A graduate course in Research Methods in Computing is required.
- A maximum of 6 credits can be at the 5XXX level. Graduate director approval is required. The reminder of the course work must be at the 6XXX or 7XXX level.

Following is a partial list of acceptable graduate courses. Graduate director approval is required for all graduate course registrations. Past 30 credits, students must consult with their PhD supervisor before seeking graduate director approval.

Earn at least 48 credits from the following:

- CAP5605 - Introduction to Artificial Intelligence
- CAP6100 - User Experience Design
- CAP6610 - Machine Learning
- CAP6635 - Advanced Artificial Intelligence
- CAP6768 - Data Analytics
- CAP6776 - Information Retrieval and Text Mining
- CAP6777 - Data Mining
- CEN6001 - Software Requirements Engineering
- CEN6016 - Engineering of Software
- CEN6036 - Software Architecture
- CEN6070 - Software Quality Assurance and Testing
- CEN6086 - Cloud Computing
- CEN6940 - Computing Practicum
- CIS5930 - Special Topics in Computer and Information Sciences
- CIS5949 - Experiential Studies in Computing
- CIS6372 - Information Assurance
- CIS6900 - Directed Individual Study
- CIS6913 - Research Methods in Computing

- CIS6930 - Special Topics in Computer and Information Sciences
- CIS7931 - Computing Research Seminar
- CIS7934 - Emerging Topics in Intelligent Systems
- CIS7980 - Dissertation Research
- COP5615 - Operating Systems
- COP6284 - Programming for Data Science
- COP6616 - Parallel Computing
- COT6405 - Design and Analysis of Algorithms
- COT6416 - Computational Complexity

Additional Comments:

Cybersecurity Concentration Requirements (48 Credits)
Type
Completion Requirement

Cybersecurity Concentration Graduate Coursework

- A minimum of 48 credits of graduate coursework
- Student may transfer a maximum of 30 relevant graduate credits toward the coursework requirement. Graduate director approval is required.
- No coursework credits older than 10 years can be counted toward fulfilling the program requirements.
- A maximum of six credits of directed independent studies is allowed. Graduate Director approval is required.
- A graduate course in Research Methods in Computing is required.
- A maximum of 6 credits can be at the 5XXX level. Graduate director approval is required. The reminder of the course work must be at the 6XXX or 7XXX level.

Following is a partial list of acceptable graduate courses. Graduate director approval is required for all graduate course registrations. Past 30 credits, students must consult with their PhD supervisor before seeking graduate director approval.

Earn at least 48 credits from the following:

- CEN6001 - Software Requirements Engineering
- CEN6016 - Engineering of Software
- CEN6036 - Software Architecture
- CEN6070 - Software Quality Assurance and Testing
- CEN6079 - Secure Software Development
- CEN6086 - Cloud Computing
- CEN6940 - Computing Practicum
- CIS5930 - Special Topics in Computer and Information Sciences
- CIS5949 - Experiential Studies in Computing
- CIS6371 - Applied Cryptography
- CIS6372 - Information Assurance
- CIS6900 - Directed Individual Study
- CIS6913 - Research Methods in Computing
- CIS6930 - Special Topics in Computer and Information Sciences
- CIS7931 - Computing Research Seminar
- CIS7932 - Emerging Topics in Cybersecurity
- CIS7980 - Dissertation Research
- CNT5505 - Computer Networks and Distributed Processing
- CNT6167 - Internet of Things
- CNT6407 - Internet Security
- CNT6519 - Wireless Network Security
- CNT6707 - Network Architecture and Client/Server Computing
- COP5615 - Operating Systems
- COP6284 - Programming for Data Science
- COP6616 - Parallel Computing
- COT6405 - Design and Analysis of Algorithms
- COT6416 - Computational Complexity

Additional Comments:

Program Details

Description
Computing

Code
CPU

Criminal Justice, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (24 Credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- CCJ3023 - Introduction to Criminal Justice
- CCJ3014 - Criminological Theory
- CCJ3700 - Research Methods in Criminology & Criminal Justice
- CJJ3010 - Juvenile Delinquency and Juvenile Justice
- CJL4310 - Criminal Law and Procedures I
- CJE4017 - Law Enforcement Systems and Processes
- CJL4510 - Court Systems and Processes
- CJC4015 - Correctional Systems and Processes

Additional Comments:

Major Electives (6 Credits)
Type
Completion Requirement

Major Electives

In-service students select 3 courses; Non-service select 2 courses

Earn at least 6 credits from the following:

- CCJ3932 - ST: Criminal Justice
- CCJ4604 - Crime and Mental Illness
- CCJ4662 - Minorities and Crime
- CJC3410 - Methods of Offender Treatment
- CCJ4663 - Women and Crime

- CCJ4664 - White Collar Crime
- CCJ4681 - Family Violence
- CCJ4905 - Directed Independent Study
- CCJ4935 - Special Topics in Criminal Justice and Administration
- CCJ4938 - Special Topics in Criminology
- CJL4315 - Criminal Trials Seminar
- CCJ4641 - Organized Crime
- CJE3281 - Women and the Legal System
- CJC4510 - Punishment and Society
- CJE3232 - Drugs and Crime
- SYP3570 - Deviance and Social Control

Additional Comments:

Internships (6 Credits)
Type
Completion Requirement

Internships

Non-service Internship: Internship requires completion of all the following major requirements with a grade of C or above: CCJ 3700, CCJ 3023, CCJ 3014, CJL 4310, CJL 4510, CJE 4017, CJJ 3010 and CJC 4015.

Complete ALL of the following Courses:

- CCJ4939 - Pre-Internship in Criminal Justice
- CCJ4940 - Internship in Criminal Justice

Note: In-service students need departmental approval to waive the internship.

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select one two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
  - The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
  - To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
  - Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
  - This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Criminal Justice

Code
CRJ

Criminal Justice, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Criminal Justice (15 credits)
Type
Completion Requirement

Minor Required Courses

No more than 6 semester hours, or 2 courses, may be transferred in to satisfy minor course requirements. No more than 3 semester hours, or 1 course, carrying lower level numbers may be used to satisfy any minor requirement. A grade of C or better is required for all minor courses and prerequisites.

Complete ALL of the following Courses:

- CCJ3023 - Introduction to Criminal Justice
- CCJ3014 - Criminological Theory
- CJL4310 - Criminal Law and Procedures I

Minor Electives

Select 2 3000-4000 Level Courses
CCJ / CJC / CJJ / CJL / CJT

Additional Comments:

Program Details

Description
Criminal Justice

Code
CRJ

Computer Science, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
School of Computing Policies:

- All courses must be completed with a grade of C or better unless noted otherwise.
- Once enrolled at UNF, all remaining prerequisite courses and major/minor requirements must be completed at UNF.
- Satisfactory Progress Policy
  - The School of Computing enforces the "one repeat" rule for all prerequisite and core courses offered by the School for its major programs.
  - Students who do not successfully complete a prerequisite or core requirement for a School of Computing major on the first attempt due to earning a grade of D, F, W, WP, or WF will be granted one chance to repeat the course.
  - Students who do not successfully complete the aforementioned course on the second attempt will be blocked from registering for courses offered by the School of Computing in future semesters.
  - This policy applies whether or not the student has declared a major in a School of Computing program.
- Exit Requirements
  - Proficiency in a high-level programming language.
  - Proficiency in oral communication. To demonstrate satisfactory oral communication skills, students must deliver up to two presentations in an upper-level course offered by the School of Computing. If the first presentation is satisfactory, the second presentation will be waived.

Prerequisite Courses (25 credits)
Type
Completion Requirement

Prerequisites

Additionally, the Computer Science major requires selective admission. Students must meet the following admission criteria listed below with a minimum grade of C prior to officially being admitted to the major: COP2220 Programming 1 and MAC2311 Calculus 1.

Complete ALL of the following Courses:

- COP2220 - Programming I
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

And Select 2 additional science courses (6 credits) for science majors. Appropriate course prefixes include:

APB / AST / BCH / BOT / BSC / CHM / CHS / ESC / GLY / ISC / MCB / PCB / PHY / PHZ / PSC / ZOO

UNF courses that satisfy this requirement include:
AST2002 Discovering Astronomy (3)
BSC1010C General Biology I (4)
BSC1011C General Biology II (4)
CHM2045 General Chemistry I (3)
CHM2046 General Chemistry II (3)
ESC2000 Discovering Earth Science

UNF courses that cannot be used include:
BSC1005 Principles of Biology (3)
BSC1005L Principles of Biology Lab (1)
BSC1930 Current Applications in Biology (2)
CHM1025 Introduction to Chemistry (2)
PHY1020 Discovering How Things Work (3)
PHY2053 Algebra-based Physics I (3)
PHY2054 Algebra-based Physics II (3)

Additional Comments:

Requisites (3 credits)
Type
Completion Requirement

Requisites

Select any public speaking course
SPC4064 Public Speaking for Professionals is recommended.

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- COT3100 - Computational Structures
- COP3503 - Programming II
- COP3530 - Data Structures
- CIS3253 - (GW) Legal and Ethical Issues in Computing
- COP3703 - Introduction to Databases
- CNT4504 - Computer Networks

Additional Comments:

Major Requirements (32 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- CDA3100 - Computer Architecture and Organization
- COT3210 - Theory of Computation
- COP3404 - Systems Programming
- CEN4010 - Software Engineering
- COP4610 - Operating Systems
- COP4620 - Construction of Language Translators
- CAP4630 - Introduction to Artificial Intelligence
- COT4400 - Algorithms
- MAS3105 - (GM) Linear Algebra
- STA3032 - (GM) Probability and Statistics for Engineers

Additional Comments:

Major Electives (9 credits)
Type
Completion Requirement

Additional Comments:
Select 9 Credits of the following:

- Any upper (3000-4000) level Computing course (prefix CAI, CAP, CDA, CEN, CIS, CNT, COP, or COT) not used to fulfill other major requirements may be used to satisfy this requirement.
- A maximum of 6 credit hours of CIS3949 Experiential Studies may be taken. No more than 3 credit hours of CIS 3949 may be used to satisfy major or minor electives.
- A maximum of 6 credit hours of CIS4900 Directed Independent Study may be taken. No more than 3 credit hours CIS 4900 may be taken with the same professor.
- Students admitted to the accelerated BS-MS program may take the graduate-level courses CIS6913 Research Methods in Computing (3 Credits) and CIS6372 Information Assurance (3 Credits) to satisfy up to 6 credits of the required 9 major elective credits.

Exit Requirement
Type
Completion Requirement

Additional Comments:
Computer and Information Sciences Oral Exit Requirement: All computing majors must deliver up to two spoken presentations in upper-level computing courses for the evaluation of presentation skills. If the first presentation is satisfactory, then the second evaluated presentation will be waived.

Program Details

Description
Computer Science

Code
CSC

Computer Science High School Teacher, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Computer Science High School Teacher (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may only enroll in the certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- ESE2210 - Introduction to Computer Science for Teachers
- IDC2000 - The Beauty and Joy of Computing
- COP2551 - Introduction to Object Oriented Programming
- ESE2211 - Teaching Computer Science in Secondary Schools

Additional Comments:

Program Details

Description
Computer Sc HS Teachers Cert

Code
CSH

Communication Studies, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (3 Credits)
Type
Completion Requirement

Prerequisites

Students intending to major in Communication Studies must complete this course with a grade of C or above

Complete ALL of the following Courses:

- SPC2608 - Fundamentals of Speech

Additional Comments:

Foundation (3 Credits)
Type
Completion Requirement

Foundation

Select 1 2000-level STA course

Additional Comments:

Major Requirements (19 Credits)
Type
Completion Requirement

Major Requirements

Grades of C or higher are required in all Major Courses.

Complete ALL of the following Courses:

- COM3003 - Principles of Communication Studies
- COM3332 - Mediated Communication
- COM3042 - Communication in Relationships
- COM3120 - Organizational Communication
- COM3752 - Listening
- COM3940 - Pre-internship in Communication Studies
- COM4945 - Internship Senior Project

Additional Comments:

Major Electives (15 Credits)
Type
Completion Requirement

Major Electives

Earn at least 15 credits from the following:

- COM4044 - Lying and Deception
- COM3440 - Small Group Communication
- COM4373 - Consequences of Cyberculture
- COM4561 - Strategic Social Media
- COM4022 - Theory and Research Methods in Health Communication
- COM4301 - Communication Theory and Research Methods
- COM4430 - International Communication
- COM4905 - Independent Study
- COM4930 - Special Topics in Communication Studies
- MMC2701 - Communicating Across Cultures
- MMC4420 - Mass Communications Research
- PUR4400 - Crisis Communications
- SPC3540 - Theories of Persuasion
- SPC4064 - Public Speaking for Professionals

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select one two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Communication Studies

Code
CST

Communication Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Communication Studies (15 credits)
Type
Completion Requirement

Minor Required Courses

No more than 6 semester hours of transfer courses can be used for the minor. A grade of C or better is required in all minor courses and prerequisites. Majors in Communication may not pursue minors in either of the two communication minors. Prerequisites must be completed before a second course that requires that prerequisite.

Complete ALL of the following Courses:

- COM3003 - Principles of Communication Studies
- SPC2608 - Fundamentals of Speech
- COM3120 - Organizational Communication
  OR COM3042 - Communication in Relationships
  OR COM3332 - Mediated Communication

Minor Electives

Complete at least 2 of the following courses:

- MMC2701 - Communicating Across Cultures
- COM4430 - International Communication
- COM3440 - Small Group Communication
- COM4022 - Theory and Research Methods in Health Communication
- COM4930 - Special Topics in Communication Studies
- COM3752 - Listening
- COM4044 - Lying and Deception
- COM4301 - Communication Theory and Research Methods
- COM4373 - Consequences of Cyberculture
- COM4561 - Strategic Social Media
- SPC3540 - Theories of Persuasion

Additional Comments:

Program Details

Description
Communication Studies

Code
CST

Social Work: Advanced Standing, MSW

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Master of Social Work (MSW) program fosters a commitment to creating social change through a holistic practice of social work that emphasizes the attainment of biopsychosocial-economic and spiritual wellbeing, especially among people who experience systematic marginalization and oppression. Through an educational experience founded on critical thinking, research, service, and social justice and enriched through diverse community partnerships, the program prepares professional advanced generalist social workers for multi-method clinical and administrative practice with individuals, families, groups, organizations, and communities.
The UNF MSW program offers both Traditional and Advanced Standing tracks. The Advanced Standing track is designed for students who have a Bachelor of Social Work (BSW) degree and are academically prepared for accelerated graduate study. The Advanced Standing Program of Study (30 credits) begins during the summer semester and may be completed in one academic year. MSW courses are offered face-to-face on the UNF campus during the late afternoon and evening hours. Field education is the "signature pedagogy" of social work education. Advanced Standing students must complete 500 hours of field education at the advanced generalist level.

Foundation (3 credits)
Type
Completion Requirement

Additional Comments:

Major Requirements (18 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- SOW6445 - Practice and Program Evaluation
- SOW6126 - Advanced Interpersonal Practice with Children/ Adolescents & Families
- SOW6945 - Field Education III with Integrated Seminar
- SOW6935 - Advanced Topics in Human Behavior
- SOW6948 - Field Education IV & Integrative Seminar
- SOW6646 - Advanced Interpersonal Practice with Adults and Elders

Additional Comments:

Major Electives (12 credits)
Type
Completion Requirement

Major Electives

Earn at least 12 credits from the following:

- SOW6745 - Hospice and Palliative Care
- SOW6932 - Advanced Seminar in Clinical Practice
- SOW6907 - Directed Independent Study in Social Work
- SOW6670 - Social Work Practice with the Military, Veterans, and their Families
- SOW6605 - Social Work in Health Care Settings
- SOW6125 - Psychopathology
- SOW6934 - Advanced Special Topics in Social Work

Additional Comments:

Program Details

Description
Social Work

Code
CSW

Social Work: Traditional Program, MSW

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Master of Social Wok (MSW) program fosters a commitment to creating social change through a holistic practice of social work that emphasizes the attainment of biopsychosocial-economic and spiritual wellbeing, especially among people who experience systematic marginalization and oppression. Through an educational experience founded on critical thinking, research, service, and social justice and enriched through diverse community partnerships, the program prepares professional advanced generalist social workers for multi-method clinical and administrative practice with individuals, families, groups, organizations, and communities.
The UNF MSW Program offers both Traditional and Advanced Standing tracks. The Traditional track is designed for students who do not have a Bachelor of Social Work (BSW) degree. The Traditional Program of Study (60 credits) begins in the fall semester and may be completed full-time in two years or part-time in four years. MSW courses are offered face-to-face on the UNF campus during the late afternoon and evening hours.
Field education is the "signature pedagogy" of social work education. Traditional MSW students are required to complete 900 hours of field education, including 400 hours at the generalist practice level and 500 hours a the advanced generalist level.

Major Requirements (48 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- SOW5207 - Foundations of Social Work
- SOW5625 - Difference, Discrimination and Oppression
- SOW5107 - Human Behavior and the Social Environment
- SOW5931 - Generalist Practice I
- SOW5940 - Field Education I
- SOW5235 - U.S. Social Welfare Policies and Institutions
- SOW5404 - Methods of Social Work Research
- SOW5932 - Generalist Practice II
- SOW5941 - Field Education II
- SOW5337 - Social Work Practice with Organizations and Communities
- SOW6445 - Practice and Program Evaluation
- SOW6646 - Advanced Interpersonal Practice with Adults and Elders
- SOW6945 - Field Education III with Integrated Seminar
- SOW6935 - Advanced Topics in Human Behavior
- SOW6948 - Field Education IV & Integrative Seminar
- SOW6126 - Advanced Interpersonal Practice with Children/ Adolescents & Families

Additional Comments:

Major Electives (12 credits)
Type
Completion Requirement

Major Electives

Earn at least 12 credits from the following:

- SOW6745 - Hospice and Palliative Care
- SOW6932 - Advanced Seminar in Clinical Practice
- SOW6907 - Directed Independent Study in Social Work
- SOW6670 - Social Work Practice with the Military, Veterans, and their Families
- SOW6605 - Social Work in Health Care Settings
- SOW6125 - Psychopathology

Additional Comments:

Program Details

Description
Social Work

Code
CSW

Curriculum and Instruction, EDD

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (12 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDG7224 - Advanced Perspectives on Curriculum
- EDG7932 - Advanced Seminar in Instructional Assessment
- EDG7359 - Facilitating and Designing Professional Learning
- EDG7282 - Policy and the Role of the Educational Leader

Additional Comments:

Foundation (9 credits)
Type
Completion Requirement

Foundation

Complete ALL of the following Courses:

- EDF7545 - Philosophy of Education
- EDF7635 - Cultural and Social Foundations of Education
- EDF7215 - Learning and Instruction throughout the Lifespan

Additional Comments:

Research Core Requirements (18 credits)
Type
Completion Requirement

Research Core Requirements

Complete ALL of the following Courses:
- EDA7420 - Foundations of Research in Education
- EDA7426 - Academic Writing in Education: Framing Problems of Practice
- EDA7400 - Research in Education: Quantitative Method
- EDA7410 - Research in Education: Qualitative Method
- EDA7979 - Research Design Seminar 1: Advanced Methods
- EDA7421 - Research Design Seminar 2: Proposal Development

Additional Comments:

Cognate (9 credits)
Type
Completion Requirement

Additional Comments:
Nine hours of 6000-7000 level courses may be used for the cognate. Courses must be within the same discipline.
NOTE: Courses used in a previous degree will not apply.

Dissertation (12 credits)
Type
Completion Requirement

Dissertation

Earn at least 12 credits from the following:
- EDA7980 - Doctoral Dissertation Research

Additional Comments:

Program Details

Description
Curriculum and Instruction

Code
CUI

Clinical Nutrition: Advanced Practice, DCN

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
- Satisfactorily complete all courses required by the program and approved by the university.
- Satisfactorily complete all clinical requirements.
- Attain a grade of "B" or better in all work counting toward the doctoral degree.
- Satisfactorily complete the Advanced Practice Residency.
- Satisfactorily complete and defend the final Doctoral Project.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook and Brooks College of Health policy - Student Breach of Professional Behaviors
- Be in good standing; not subject to any sanction by the University community or Department of Nutrition and Dietetics.

Core Requirements (12 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:
- HUN7518 - Advanced Concepts in Public Health Nutrition
- HUN7219 - Advanced Concepts in Clinical Nutrition
- HUN7525 - Advanced Nutrition Leadership and Public Policy
- HUN7625 - Advanced Nutrition Counseling
  OR HUN7638 - Teaching Nutrition in Higher Education

Additional Comments:

Research Core Requirements (12 credits)
Type
Completion Requirement

Research Core Requirements

Complete ALL of the following Courses:
- HUN7830 - Research Methods I
- HUN7831 - Research Methods II
- NGR7843 - Statistical Interpretation for Advanced Practice
- HUN7832 - Survey Design and Validation
  OR HUN7808 - Qualitative Methods in Nutrition Research

Additional Comments:

Practice Residency (6 credits)
Type
Completion Requirement

Practice Residency

Complete ALL of the following Courses:
- HUN7943 - Advanced Practice Residency

Additional Comments:

Dissertation (15 credits)
Type
Completion Requirement

Dissertation

Students are expected to take at least 3 credits of HUN7981 and 6 to 9 credits of HUN7985 so that the total number of credits for both courses adds up to 12.

Complete ALL of the following Courses:

- HUN7981 - Pre-Doctoral Dissertation
- HUN7985 - Doctoral Dissertation
- HUN7939 - Doctoral Seminar in Nutrition

Additional Comments:

Major Electives (3 credits)
Type
Completion Requirement

Major Electives

Complete at least 1 of the following courses:

- HUN7803 - Advanced Topics in Nutrition Science
- HUN7548 - Nutrition for Global Health
- HUN7645 - Current Trends in Nutrition and Dietetics
- HUN7788 - Nutritional Genomics
- Courses from Certificate in Global Health
- Courses from Certificate in Health Informatics

Additional Comments:

Program Details

Description
Clinical Nutrition

Code
DCN

Deaf Education, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Deaf Education (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may only enroll in the certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EHD4311 - Psychology and Education of the Deaf
- EHD4263 - Methods of Teaching Listening and Spoken Language to DHH Students
- EHD4261 - Audiology and Speech Science
- EHD4013 - Deafness and Diversity

Certificate Elective

Complete at least 1 of the following courses:

- EHD4245 - Language and Literacy Assessment & Instruction for DHH Students
- ASL4205 - Methods of Teaching ASL-English Bilingual Deaf and Hard of Hearing Students
- ASL3514 - Deaf Culture
- LAE3210 - Foundations of Literacy
- EEX4254 - Emergent and Early Literacy Instruction and Intervention for All Learners
- TSL3080 - ESOL Foundations: Culture and Language

Additional Comments:

Program Details

Description
Deaf Ed Post-Bac Certificate

Code
DEC

Deaf Education, BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (14 credits)
Type
Completion Requirement

Prerequisites

A minimum "C" grade for all prerequisites is required.

Complete ALL of the following Courses:

- ASL2140 - American Sign Language I
- ASL2150 - American Sign Language II
- ASL4131 - American Sign Language III
- EDF1005 - Introduction to the Teaching Profession

Students will also be required to meet the six semester hours of courses with an international or diversity focus. This requirement may be satisfied by the completion of the general education or free elective requirements during the first sixty semester hours. Foreign language courses may be used to meet this requirement as well. Students must meet with an academic advisor to assist in enrolling in the international or diversity focus courses.

Additional Comments:

Core Requirements (12 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:
- EEX4604 - Classroom and Behavior Management

Clinical Requirement

Complete at least 3 of the following courses:
- EHD3941 - Deaf Education Field Practicum I
- EHD4940 - Deaf Education Field Practicum II
- EHD4270 - Deaf Education Field Practicum III
- EHD4943 - Deaf Education International Practicum

Additional Comments:

Major Requirements (36 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:
- EHD4013 - Deafness and Diversity
- LAE3211 - Literacy Instruction and Assessment
- TSL3080 - ESOL Foundations: Culture and Language
- TSL4340 - TESOL Methods and Curriculum
- LAE3210 - Foundations of Literacy
- EHD4311 - Psychology and Education of the Deaf
- EHD4261 - Audiology and Speech Science
- EHD4245 - Language and Literacy Assessment & Instruction for DHH Students
- EHD4263 - Methods of Teaching Listening and Spoken Language to DHH Students
- ASL4205 - Methods of Teaching ASL-English Bilingual Deaf and Hard of Hearing Students
- EHD4290 - Differentiating Literacy Instruction for Deaf and Hard of Hearing Students
- EHD4291 - Content Area Curriculum & Instruction for DHH Students

Additional Comments:

Internships (12 credits)
Type
Completion Requirement

Internships

Complete ALL of the following Courses:
- EHD4944 - Deaf Education Internship
- EHD4942 - Deaf Education Literacy Practicum

Additional Comments:

Program Details

Description
Deaf Education

Code
DEF

Deaf Education, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Deaf Education (12 credits)
Type
Completion Requirement

Minor Required Courses

Complete ALL of the following Courses:
- EHD4013 - Deafness and Diversity
- EHD4245 - Language and Literacy Assessment & Instruction for DHH Students
- EHD4291 - Content Area Curriculum & Instruction for DHH Students
- EHD4311 - Psychology and Education of the Deaf

Additional Comments:

Program Details

Description
Deaf Education

Code
DEF

Digital Humanities, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Digital Humanities (15 credits)
Type
Completion Requirement

Minor Required Courses

At least 9 hours must be earned at the 3000 or 4000 level. All courses must be passed with a grade of C or higher.

Complete at least 5 of the following courses:
- COM4561 - Strategic Social Media
- COP2220 - Programming I
- COP3503 - Programming II
- DIG3176 - Introduction to the Digital Humanities
- DIG4152 - Digital Editing and Digital Archives
- DIG3930 - Special Topics in Digital Humanities
- DIG4588 - Digital Humanities Studio

- DIG4944 - Digital Humanities Internship
- DIG4931 - Advanced Topics in Digital Humanities
- ENC3375 - Introduction to Fandom Studies
- ENC4436 - Writing as Social Action
- ENC4415 - Rhetoric in the Digital Humanities
- ENG3816 - Digital Methods in Literary Studies
- FIL3363 - Documentary Production
- FIL4361 - Audio Documentary and Podcasting
- GIS3043 - Introduction to Geographic Information Systems
- GIS4048 - Intermediate Geographic Information Systems
- IDC2000 - The Beauty and Joy of Computing
- SPN3351 - Communication and Communities for Heritage Speakers

Additional regular or special topics courses may be used to fulfill this requirement, by approval of the coordinator of the Digital Humanities minor.

Additional Comments:

Program Details

Description
Digital Humanities

Code
DHI

Digital Humanities, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Digital Humanities (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

The Graduate Certificate in Digital Humanities is composed of 4 courses and consists of 12 credit hours that provide participants with detailed knowledge and skills in the digital humanities. Students are not required to be admitted into any other graduate program to earn the certificate. However, students enrolled in any UNF graduate program can earn the certificate by taking any four of the course options.

Earn at least 12 credits from the following:

- AML6507 - Studies in Later American Literature
- COP6284 - Programming for Data Science
- DIG5930 - Topics in Digital Humanities
- DIG5944 - Digital Humanities Internship
- DIG6905 - Directed Independent Study
- ENC5935 - Special Topics in Composition and Rhetoric
- ENC6721 - Studies in Composition Research
- FIL5377 - Advanced Documentary Production
- HIS5067 - Public History
- LIT5934 - Topics in Literature
- MMC5738 - Strategic Social Media
- MMC5267 - Current Issues in Emerging Media
- MMC6730 - Social Media Management

Additional Comments:

Program Details

Description
Digital Humanities

Code
DIH

Digital Marketing and Analytics, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Digital Marketing & Analytics (12 credits)
Type
Completion Requirement

Minor Required Courses

This minor is only available to students majoring in Business. The minor requires 12 semester hours which must be taken at UNF. MAR3023 is a prerequistite to the minor. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- MAR4721 - Digital Marketing Strategy
- MAR4615 - Introduction to Marketing Analytics
- MAR4325 - Social Media Marketing Strategy

Minor Electives

Select 1 additional elective course
Select 1 3000-4000 level Marketing elective

Additional Comments:

Program Details

Description
Digital Mkting & Analytics

Code
DMA

Digital Marketing, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Digital Marketing (12 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available only to students majoring outside the College of Business. The minor requires 12 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/Concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- MAR3023 - Principles of Marketing
- MAR3702 - Principles of Digital Transformation in Business
- MAR4721 - Digital Marketing Strategy
  OR MAR4325 - Social Media Marketing Strategy
  OR MAR4615 - Introduction to Marketing Analytics

Minor Electives

Select 1 additional elective course
Select 1 3000-4000 level Marketing elective

Additional Comments:

Program Details

Description
Digital Marketing

Code
DMR

Nursing: Psychiatric/Mental Health NP, DNP

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:

- Satisfactorily complete all courses required by the program and approved by the university.
- Satisfactorily complete all clinical requirements.
- Complete all coursework within the prescribed timeline of being admitted into the program.
- Attain a 3.0 GPA average in all work counting toward the graduate degree.
- Earn no more than 2 grades of less than B throughout the program.
- Be in good standing; not subject to any sanction by the University community or School of Nursing.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook.
- Meet graduation requirements applicable to all University students; such as residency hours and final requirements.
- If you earned graduate level (5000/6000 level) credit from another institution, consult with your Program Director.
- Apply for graduation online through myWings by the 2nd week of the semester you are graduating (see academic calendar at www.unf.edu for specific deadlines).

1st Semester (9 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR6530 - Neuropathophysiology of Mental Illness for PMHNP
- NGR6538 - Psychopharmacology

Additional Comments:

2nd Semester (9 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR6532 - Advanced Practice in Mental Health Nursing I: Psychiatric Assessment across the Lifespan
- NGR6532L - Advanced Practice in Mental Health Nursing Clinical Experience I: Assessment
- NGR6673 - Principles of Epidemiology for Advanced Practice

Additional Comments:

3rd Semester (9 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR6533 - Advanced Practice in Mental Health Nursing II: Diagnostic Reasoning and Management of Adults
- NGR6533L - Advanced Practice in Mental Health Nursing Clinical Experience II: Adults
- NGR7767 - Practice Management in Advanced Nursing and

Healthcare

Additional Comments:

4th Semester (9 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR6534 - Advanced Practice in Mental Health Nursing III: Diagnostic Reasoning and Management in Pediatrics
- NGR6534L - Advanced Practice in Mental Health Nursing Clinical Experience III: Pediatrics
- NGR7843 - Statistical Interpretation for Advanced Practice

Additional Comments:

5th Semester (6 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR6535 - Advanced Practice in Mental Health Nursing IV: Simulation
- NGR6536 - Advanced Practice in Mental Health Nursing V: Practicum
- NGR7850 - Evidence Based Practice I

Additional Comments:

6th Semester (9 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR7851 - Evidence Based Practice II
- NGR6536L - Advanced Practice in Mental Health Nursing Clinical Experience V: Practicum

Additional Comments:

7th Semester (9 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR6892 - Public Policy Implications for Advanced Practice
- NGR6740 - Role Development in Advanced Practice Nursing
- NGR7871 - Healthcare Informatics for Advanced Practice

Additional Comments:

8th Semester (4 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR7946 - Residency in Advanced Nursing Practice
- NGR7974 - Doctoral Project

Additional Comments:

9th Semester (4 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- NGR7946 - Residency in Advanced Nursing Practice
- NGR7974 - Doctoral Project

Additional Comments:

Program Details

Description
Nursing

Code
DNP

Nursing: Nurse Practitioner, DNP

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:

- Satisfactorily complete all courses required by the program and approved by the university.
- Satisfactorily complete all clinical requirements.
- Complete all course work within the prescribed timeline of being admitted into the program.
- Attain a 3.0 GPA average in all work counting toward the graduate degree.
- Earn no more than 2 grades of less than B throughout the program.
- Be in good standing; not subject to any sanction by the University community or School of Nursing.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook.

- Meet graduation requirements applicable to all University students; such as residency hours and final requirements.
- If you earned graduate level (5000/6000 level) credit from another institution, consult with your Program Director.
- Apply for graduation online through myWings by the 2nd week of the semester you are graduating (see academic calendar at www.unf.edu for specific deadlines).

Requirements
Type
Completion Requirement

1st Semester (13 credits)

Fall semester:

Complete ALL of the following Courses:
- NGR5003C - Health Assessment and Diagnostics
- NGR5172 - Pharmacotherapeutics
- NGR5141 - Advanced Pathophysiology
- NGR6740 - Role Development in Advanced Practice Nursing

2nd Semester (11 credits)

Spring semester:

Complete ALL of the following Courses:
- NGR5601C - Diagnosis and Management of Acute Conditions of Adults and Children
- NGR5110 - Theoretical Framework for Practice
- NGR7843 - Statistical Interpretation for Advanced Practice

3rd Semester (12 credits)

Summer semester:

Complete ALL of the following Courses:
- NGR6602C - Health Promotion of Children, Men and Women in Primary Care
- NGR5810 - Research Methods for Evidence-Based Nursing Practice
- NGR7154 - Advanced Bioscience

4th Semester (12 credits)

Fall semester:

Complete ALL of the following Courses:
- NGR6603C - Diagnosis and Management of Chronic Conditions of Adults and Children in Primary Care
- NGR6673 - Principles of Epidemiology for Advanced Practice
- NGR7179 - Advanced Pharmacological Management

5th Semester (10 credits)

Spring semester:

Complete ALL of the following Courses:
- NGR7768 - Advanced Practice Nursing Role Transition
- NGR6894 - Global Health Care and Culture
- NGR7946 - Residency in Advanced Nursing Practice
- NGR7850 - Evidence Based Practice I

6th Semester (10 credits)

Summer semester:

Complete ALL of the following Courses:
- NGR7871 - Healthcare Informatics for Advanced Practice
- NGR6892 - Public Policy Implications for Advanced Practice
- NGR7946 - Residency in Advanced Nursing Practice
- NGR7851 - Evidence Based Practice II

7th Semester (9 credits)

Fall semester:

Complete ALL of the following Courses:
- NGR7767 - Practice Management in Advanced Nursing and Healthcare
- NGR7946 - Residency in Advanced Nursing Practice
- NGR7974 - Doctoral Project

8th Semester

Spring semester:

Complete ALL of the following Courses:
- NGR7974 - Doctoral Project
- NGR7946 - Residency in Advanced Nursing Practice

Additional Comments:

Program Details

Description
Nursing

Code
DNP

Nursing, DNP

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
- Satisfactorily complete all courses required by the program and approved by the university.
- Satisfactorily complete all clinical requirements.
- Complete all coursework within the prescribed timeline of being admitted into the program.
- Attain a 3.0 GPA average in all work counting toward the graduate degree.
- Earn no more than 2 grades of less than B throughout the program.

- Be in good standing; not subject to any sanction by the University community or School of Nursing.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook.
- Meet graduation requirements applicable to all University students; such as residency hours and final requirements.
- If you earned graduate level (5000/6000 level) credit from another institution, consult with your Program Director.
- Apply for graduation online through myWings by the 2nd week of the semester you are graduating (see academic calendar at www.unf.edu for specific deadlines).

Core Requirements (24 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- NGR6740 - Role Development in Advanced Practice Nursing
- NGR7871 - Healthcare Informatics for Advanced Practice
- NGR6673 - Principles of Epidemiology for Advanced Practice
- NGR7843 - Statistical Interpretation for Advanced Practice
- NGR6892 - Public Policy Implications for Advanced Practice **OR** HSA6905 - Policy and Law in Healthcare
- NGR7850 - Evidence Based Practice I
- NGR7851 - Evidence Based Practice II
- NGR6894 - Global Health Care and Culture

Additional Comments:

Practice Residency (15 credits)
Type
Completion Requirement

Practice Residency

Complete ALL of the following Courses:

- NGR7946 - Residency in Advanced Nursing Practice
- NGR7974 - Doctoral Project

Additional Comments:

Major Electives (9 credits)
Type
Completion Requirement

ADMIN Track

Complete ALL of the following Courses:

- NGR6726 - Quality Management for Advanced Nursing Practice
- HSA6435 - Health Economics
- One elective at the 5000-6000 level with NGR, HSA, or HSC prefixes in consultation with the Program Director (3 credits)

PRACTICE Track

Complete ALL of the following Courses:

- NGR7179 - Advanced Pharmacological Management
- NGR7154 - Advanced Bioscience
- NGR7767 - Practice Management in Advanced Nursing and Healthcare

Additional Comments:

Program Details

Description
Nursing

Code
DNP

Digital Video Production, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
All courses in the major must be completed with a minimum grade of C or higher.

B.S. in Digital Video Production majors must complete a minimum of 61 hours outside of journalism and mass communication.

B.S. in Digital Video Production majors can take no more than 6 credit hours for internships.

Prerequisites (18 Credits)
Type
Completion Requirement

Additional Comments:
Course cannot include ENC or LIT prefix courses. 18 hours of coursework outside the major and beyond the 36 hours of general education requirements.

Foundation (6 Credits)
Type
Completion Requirement

Foundation

Complete ALL of the following Courses:

- SPC2608 - Fundamentals of Speech

and, select one 2000-level STA course (3 Credits)

Additional Comments:

Core Requirements (16 Credits)
Type

Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- MMC1004 - Media Literacy
- MMC3105 - Advanced Writing for the Media
- MMC3200 - Law and Ethics of Communications
- MMC3942 - Pre Internship in Communication
- MMC4975 - Internship Senior Project

MMC4302: Mass Communication Research and Theory (3 Credits)*

*Course pending state approval

Additional Comments:

Major Requirements (24 Credits)
Type
Completion Requirement

Major Required Courses (12 Credits)

Complete ALL of the following Courses:

- RTV3260 - Single Camera Video Production
- RTV3221 - Digital Video Editing
- RTV3228 - Multi Camera Video Production
- RTV4661 - Advanced Television Production

Major Electives (12 Credits)

Complete at least 4 of the following courses:

- RTV4581 - Lighting for Production
- RTV3220C - Television Production/Visual Arts Television
- MMC4500 - History of Mass Communication
- MMC3711 - Multimedia Graphics
- RTV3001 - Principles of Broadcasting
- SPC4064 - Public Speaking for Professionals
- RTV3601 - Multimedia Announcing and Performance
- PUR3000 - Principles of Public Relations
- ADV3008 - Principles of Advertising
- RTV4330 - Documentary Fundamentals
- JOU3342 - Multimedia Storytelling
- RTV4612 - Digital Video Effects
- RTV4291 - Narrative Production
- RTV4225 - Corporate Production
- COM4561 - Strategic Social Media
- MMC3342 - Content Creation Tools
- MMC3402 - Political Advertising
- RTV4930 - Special Topics in Electronic Media

Additional Comments:

Program Details

Description
Digital Video Production

Code
DVP

E-Business, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: E-Business (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Students apply for the certificate program through the Graduate School and must meet admission requirements. Please see the Graduate Certificate Programs page for more information.

In order to receive the Certificate in E-Business, students must have an average GPA in certificate courses of 3.0 or better and no grade below a "C".

Complete ALL of the following Courses:

- MAN6026 - Project Management
- MAN6785 - E-Business Strategy
- MAN6875 - Entrepreneurship and Venture Capital
- MAR6726 - Digital Marketing Analytics
- TRA6157 - Supply Chain Management

Additional Comments:

Program Details

Description
E-Business Certificate

Code
EBC

Early Childhood Education, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Early Childhood Education (18 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EEC6261 - Program Planning for Infants, Toddlers, and Young Children
- EEC6611 - Early Childhood Education
- EEC6756 - Social-Emotional Learning and the Young Child
- EEC6944 - Practicum in Early Childhood Education

Certificate Electives

Select 2 Electives at 5000-Level or Higher
Students pursuing the Early Childhood Education Certificate should choose 2 electives in consultation with a faculty advisor. At least one of these electives must have an RED or LAE prefix. Electives must enhance pedagogical, curricular, or content knowledge, thus electives may be selected from graduate courses both/either inside and outside of the College of Education and Human Services. Students should consult with their faculty advisor to select courses that will benefit their personal educational goals.

Additional Comments:

Program Details

Description
Early Childhood Education Cert

Code
ECD

Early Childhood Education, BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (3 credits)
Type
Completion Requirement

Prerequisites

Grade of "C" or higher required

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession

Additional Comments:

Core Requirements (6 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EEC4054 - Leadership and Service in Early Childhood Settings
- EEC4260 - The Whole Child and Play

Additional Comments:

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EEC4245 - Social Studies in Early Childhood through grade 3
- EEC4321 - Teaching Mathematics in Early Childhood Settings through grade 3
- EEC4323 - Teaching Science in Early Childhood Settings through grade 3
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings
  OR

Additional Comments:

Prek-Primary Licensure Concentration Requirements (42 credits)
Type
Completion Requirement

Prek-Primary Licensure Concentration Requirements

Complete ALL of the following Courses:

- EDF3151 - Educational Psychology
- EEX4254 - Emergent and Early Literacy Instruction and Intervention for All Learners
- EEX4240 - Literacy Instruction and Intervention for Readers
- EEX4257 - Literacy Assessment for All Learners
- TSL3080 - ESOL Foundations: Culture and Language
- TSL4340 - TESOL Methods and Curriculum
- EEX4604 - Classroom and Behavior Management
  OR EDG4410 - Classroom Management and Communication
- EDF3945 - Field Laboratory I
- EDF3946 - Field Laboratory II
- EDF3947 - Field Laboratory III

Internship and Reading Practicum (12 credits)

Students must pass the General Knowledge Exam prior to reaching 90 credits to remain in the major.

Students must have attempted the Professional Education and Subject Area certification exams prior to beginning the internship. Fall internship applications are due on the 4th Friday of the previous spring term. Spring internship applications are due on the 4th Friday of the previous fall term. There are no summer internships.

Select 1 Practicum by speaking with an advisor.

Complete ALL of the following Courses:

- EEC4942 - EC Student Internship
- EEX4840 - Literacy Practicum for All Learners
  OR RED4844 - Supervised Literacy Practicum

Additional Comments:

Early Childhood Development Concentration Requirements (42 credits)
Type
Completion Requirement

Early Childhood Development Concentration Requirements

Complete ALL of the following Courses:

- EEC4410 - Global Community Engagement
- EEC4213 - Teaching Literacy in Early Childhood through Grade 3
- EEC4207 - Measurement, Evaluation, and Planning for Young Children
- EEC3266 - Program Planning: Infants, Toddlers, and Young Children
- EEC3731 - Movement and Wellness for the Young Child
- EEC3408 - Forming Family, School and Community Partnerships
- EEC4940 - Childhood Practicum

EEC 4940 (3 Credits) may be substituted with a field course or EEC4912 Supervised Inquiry (3 Credits) in consultation with an advisor.

Early Childhood Development Concentration Electives

Complete at least 7 of the following courses:

- DEP4060 - Applied Developmental Psychology
- DEP4304 - Advanced Adolescent Psychology
- SYO4100 - Sociology of the Family
- DEP4482 - Death and Dying
- PSY3213 - Research Methods in Psychology
- CLP4134 - Childhood Psychopathology
- HSC3537 - Medical Terminology
- EEX3005 - Introduction to Disabilities
- EEX3070 - Inclusion of Individuals with Disabilities
- EEX4753 - Cooperative Consultation in Special Education
- EEX4024 - Disability Laws and Policies
- EEX3754 - Impact of Disabilities on Families, Schools, and Communities
- EEX4604 - Classroom and Behavior Management
- EEX3004 - Disability and Community Support Agencies
- DEP3054 - Lifespan Developmental Psychology
- LDR3003 - Introduction to Leadership
- TSL3080 - ESOL Foundations: Culture and Language
- LAE3210 - Foundations of Literacy
- LIT3331 - Children's Literature
- LIT3333 - Young Adult Literature
- EXP3412 - Learning Theory
- SOP3004 - Social Psychology
- EEX4779 - Disability, Employment, and Community Engagement

Additional Comments:

Program Details

Description
Early Childhood Education

Code
ECH

Early Childhood Service Leadership, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Early Childhood Service Leadership (12 credits)
Type
Completion Requirement

Minor Required Courses

No more than 6 credit hours are allowed to be transferred in from another institution. These transfer courses must be preapproved. A cumulative GPA of 2.5 is required for the minor. Some minor courses require an override from the College of Education and Human Services prior to registration. Students may select either the online or face-to-face course option. Substitutions may be allowed in consultation with advising.

Complete ALL of the following Courses:

- EEC4260 - The Whole Child and Play
- EEC4054 - Leadership and Service in Early Childhood Settings
- EEC4410 - Global Community Engagement
- EEC3266 - Program Planning: Infants, Toddlers, and Young Children

Additional Comments:

Program Details

Description
Early Childhood Svc Leadership

Code
ECH3

Economics, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade "C" or better is required in all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Additional Comments:
Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

Major Requirements (24 credits)
Type
Completion Requirement

Major Requirements

A grade of "C" or better is required in all major courses.

Complete ALL of the following Courses:

- ECO3203 - Intermediate Macroeconomics
- ECO3101 - Intermediate Microeconomics
- ECO3421 - Econometrics
- ECO3411 - Business and Economic Statistics

International Course

Complete at least 1 of the following courses:

- ECO3704 - International Trade
- ECO4713 - The International Monetary System

Major Electives

Complete at least 3 of the following courses:

- GEO3502 - Economic Geography

Or any 3000-4000 Level ECO/ECP/ECS course

Excluding ECO3701, ECP3703

Additional Comments:

Required Business (3 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems

Additional Comments:

Business Electives (3 credits)
Type
Completion Requirement

Business Electives

A grade of "C" or better is required in all courses in this area.

SELECT one 3000-4000 level course
ACG/BUL/ENT/FIN/GEB/ISM/MAN/MAR/QMB/REE/RMI/SCM/TAX/TRA

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Non-Business Requirements

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

AND one cultural diversity course. The Cultural Diversity course should be chosen from the list on the Coggin Advising website.

Additional Comments:

Upper-Level Free Electives (6 credits)
Type
Completion Requirement

Free Electives

Select 6 hours from any 3000-4000 level courses

Additional Comments:

International Educational Experience
Type
Completion Requirement

Additional Comments:
An international experience is required for all economics majors beginning Fall 2007 catalog year. Students must apply for their passport in the 1st semester of the program.

Examples of approved experiences include the following:

- Successful completion of an internship abroad
- Successful participation in a Coggin-sponsored study abroad program
- Successful participation in a student exchange program abroad
- Studying another language abroad

Program Details

Description
Economics

Code
ECN

Economics, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Economics (18 credits)
Type
Completion Requirement

Minor Required Courses

18 semester hours are required. Of the 12 hours required at the upper level at least 6 must be taken at UNF. Grade of "C" or better is required in all minor courses. This minor is available to all majors where allowed. Transient/concurrent enrollment at other institutions is not permitted.

Complete ALL of the following Courses:

- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- ECO3101 - Intermediate Microeconomics
- ECO3203 - Intermediate Macroeconomics
- ECO3411 - Business and Economic Statistics

Minor Electives

Select 1 additional elective course
Select 1 3000-4000 level elective from the following prefixes: ECO / ECP / ECS / GIS

(ECO 3701 and ECP 3703 are excluded from fulfilling this requirement.)

Additional Comments:

Program Details

Description
Economics

Code
ECN

Economics, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (6 credits)
Type
Completion Requirement

Prerequisites

Requires grades of C or above.

Complete ALL of the following Courses:

- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics

Additional Comments:

Major Requirements (33 credits)
Type
Completion Requirement

Required Courses (18 credits)

Required grades of C or above. Course descriptions with course prerequisites and corequisites can be referenced in the University catalog

Complete ALL of the following Courses:

- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics
- ECO3411 - Business and Economic Statistics
- ECO3421 - Econometrics
- ECO3203 - Intermediate Macroeconomics
- ECO3101 - Intermediate Microeconomics

International Course (3 credits)

Complete at least 1 of the following courses:

- ECO3704 - International Trade
- ECO4713 - The International Monetary System

Elective Courses (12 credits)

300/400 Level ECO/ECP/ECS or GEO 3502 Economic Geography

ECO 3701 may not be used in the major

Additional Comments:

International Experience Required
Type
Completion Requirement

Additional Comments:
An approved international experience is required for this major. This requirement may be met by successful completion of any one of the following:

- ECO4956 Study Abroad in Economics
- UNF-sponsored study abroad course or exchange program
- Economics course (3000/4000) taken abroad approved by the department chair
- Internship abroad approved by the department chair
- Other international experience approved by the department chair

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Program Details

Description
Economics

Code
ECS

Educational Leadership, EDD

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (51 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EDA7190 - Leadership for the Evolving Leader
- EDA7192 - Collective Leadership in Organizations and Communities
- EDA7193 - Educational Leadership for Change
- EDA7194 - Seminar in Educational Policy
- EDA7400 - Research in Education: Quantitative Method
- EDA7410 - Research in Education: Qualitative Method
- EDA7420 - Foundations of Research in Education
- EDA7421 - Research Design Seminar 2: Proposal Development
- EDA7426 - Academic Writing in Education: Framing Problems of Practice
- EDA7979 - Research Design Seminar 1: Advanced Methods
- EDF7215 - Learning and Instruction throughout the Lifespan
- EDF7545 - Philosophy of Education
- EDF7635 - Cultural and Social Foundations of Education
- EDA7980 - Doctoral Dissertation Research

A minimum of 12 hours of dissertation is required

Additional Comments:

Cognate (9 credits)
Type
Completion Requirement

Cognate

9 hours of 6000-7000 level courses may be used
Courses must be within the same discipline.
NOTE: Courses used in previous degrees will not apply.

Additional Comments:

Executive Track
Type
Completion Requirement

Additional Comments:
Applicants for the EdD program in Educational Leadership with expertise in educational leadership and advanced professional development training may be eligible for the Executive Track. Applicants for the Executive Track may have between 3 to 9 credits waived from the 60-credit program requirement based on these professional development experiences. Each application to the Executive Track will be reviewed on a case-by-case basis. Students applying to the Executive track must submit a letter of request describing the professional development training. Additionally, materials about the content and scope of the professional development training and proof of completion need to be submitted for the faculty to review. This must be done on application to the program, or by the end of the second semester of coursework.

The doctoral teaching faculty committee will review each application and determine if professional development training experiences are recent, relevant, and sufficient to waive program coursework. Only professional development completed within the last 4 years will be eligible for being used in the Executive track. However, these professional development experiences cannot serve as a waiver for any core program requirements but can count as waivers toward cognate course credits. Applicants accepted into the Executive Track programs of study will vary between 51 to 57 total credits. This includes completing between 39 and 45 credits of coursework and 12 credits of dissertation.

Program Details

Description
Educational Leadership

Code
EDL

Educational Leadership, MED

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (6 credits)
Type
Completion Requirement

Core Requirements

Minimum of B grades required.

Complete ALL of the following Courses:

- EDA6061 - Introduction to Educational Leadership
- EDF6480 - Foundations of Educational Research

Additional Comments:

Athletic Administration Concentration (24 credits)
Type
Completion Requirement

Athletic Administration Concentration (3 credits)

Complete ALL of the following Courses:

- SPM5158 - Intercollegiate Athletic Administration

Athletic Administration Concentration (9 credits)

Complete at least 3 of the following courses:

- SPM5206 - Ethics and Issues in Sport
- SPM5308 - Marketing and Promotions in Sport
- SPM5506 - Sport Finance
- SPM5605 - Sport Governance and Compliance
- SPM6106 - Sport Facility and Risk Management

Athletic Administration Concentration - Major Requirements (12 credits)

Minimum of "B" grades required.

Earn at least 12 credits from the following:

- EDA6196 - Leadership for Learning Organizations (Operational Leadership II)
- EDA6215 - Developing School and Community Resources (School Leadership II)
- EDA6232 - Law and Ethics in Ed Leadership (Operational Leadership III)
- EDA6242 - School Finance (Instructional Leadership III)
- EDA6945 - Practicum in Educational Leadership
- EDS6050 - Instructional Leadership (Instructional Leadership IV)
- EDS6130 - Human Resource Development in Education (Operational Leadership I)
- EDA6423 - Data Driven Decision-Making in Educational Leadership

Additional Comments:

School Leadership Concentration (24 credits)
Type
Completion Requirement

School Leadership Concentration Requirements

Students will take the EDA6945 Practicum in Educational Leadership for 3 credits and may take the course for 3-6 credits if they already possess a master's degree.

Complete ALL of the following Courses:

- EDA6196 - Leadership for Learning Organizations (Operational Leadership II)
- EDA6215 - Developing School and Community Resources (School Leadership II)
- EDA6232 - Law and Ethics in Ed Leadership (Operational Leadership III)
- EDA6242 - School Finance (Instructional Leadership III)
- EDA6945 - Practicum in Educational Leadership
- EDA6423 - Data Driven Decision-Making in Educational Leadership
- EDS6050 - Instructional Leadership (Instructional Leadership IV)
- EDS6130 - Human Resource Development in Education (Operational Leadership I)

Additional Comments:

Program Details

Description
Educational Leadership

Code
EDL

Educational Leadership: School Leadership without Florida Educational Leadership Certification, MED

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Requirements (33 credits)
Type
Completion Requirement

Core Requirements (6 credits)

Minimum of B grades required.

Complete ALL of the following Courses:

- EDA6061 - Introduction to Educational Leadership
- EDF6480 - Foundations of Educational Research

Major Requirements (18 credits)

Complete ALL of the following Courses:

- EDA6196 - Leadership for Learning Organizations (Operational Leadership II)
- EDA6215 - Developing School and Community Resources (School Leadership II)
- EDA6945 - Practicum in Educational Leadership
- EDA6423 - Data Driven Decision-Making in Educational Leadership
- EDS6050 - Instructional Leadership (Instructional Leadership IV)
- EDS6130 - Human Resource Development in Education (Operational Leadership I)

Concentration Requirements (9 credits)

Minimum of B grades required.

Complete at least 3 of the following courses:

- EDA6191 - Team Leadership
- EDA6232 - Law and Ethics in Ed Leadership (Operational Leadership III)
- EDA6242 - School Finance (Instructional Leadership III)
- EME6609 - Universal Design for Learning (UDL): Diversity and Inclusion Practices for Training and Development
- EME6344 - Lifelong Learning and Professional Development
- EME6678 - Effective Training Design and Development
- EDH6635 - Organization and Leadership in Higher Education
- EDH6050 - Diversity in Higher Education
- EDH6510 - Grants Development and Project Design

Additional Comments:

Program Details

Description
Educational Leadership

Code
EDL

Special Education: Exceptional Student Education, BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (3 credits)
Type
Completion Requirement

Prerequisites

Grade of "C" or higher required.

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession

Additional Comments:

Core Requirements (3 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EEX4753 - Cooperative Consultation in Special Education

Additional Comments:

Exceptional Student Education Concentration Requirements (45 credits)
Type
Completion Requirement

Exceptional Student Education Concentration Courses (36 credits)

Complete ALL of the following Courses:

- EDF3151 - Educational Psychology
- EEX4255 - High-Leverage Instructional Practices and Individual Planning for Learners with Exceptionalities
- EEX4257 - Literacy Assessment for All Learners
- EEX4281 - Career Development and Transition for Learners with Exceptionalities
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings
- EEX4474 - Teaching Students with Moderate to Severe Disabilities
- EEX4484 - Mathematics Instruction for Learners with Exceptionalities
- EEX4604 - Classroom and Behavior Management
- TSL3080 - ESOL Foundations: Culture and Language
- TSL4340 - TESOL Methods and Curriculum
- EEX4254 - Emergent and Early Literacy Instruction and Intervention for All Learners
- EEX4240 - Literacy Instruction and Intervention for Readers

Concentration Practicum (9 credits)

Complete ALL of the following Courses:

- EDF3945 - Field Laboratory I
- EDF3946 - Field Laboratory II
- EDF3947 - Field Laboratory III

Additional Comments:

Internships (12 credits)
Type
Completion Requirement

Internships (12 credits)

All degree coursework must be completed satisfactorily before enrolling in the Internship. Fall internship applications are due on the 4th Friday of the previous spring term. Spring internship applications are due on the 4th Friday of the previous fall term.

Complete ALL of the following Courses:

- EEX4861 - Internship
- EEX4840 - Literacy Practicum for All Learners

Additional Comments:

Program Details

Description
Special Education

Code
EEC

Elementary Education, MED

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Additional Comments:
Valid teaching license from any U.S. state or international equivalent
Must meet all UNF requirements for admission to a graduate program

Core Requirements (6 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:
- EDG6911 - Action Research in Education
- EDG6067 - Introduction to Teacher Inquiry

Additional Comments:

Electives (24 credits)
Type
Completion Requirement

Electives

Choice of at least 1 and no more than 3 of the following Graduate Certificates:

- Advanced Literacy Practices for Engaging Learners Certificate
- Elementary STEM Education Certificate
- Teacher Inquiry Certificate
- Teacher Leadership for Professional & Student Learning Certificate
- Teaching English to Speakers of Other Language (TESOL)
- Whole Child

In addition to the graduate certificate completion, students that do not pursue more than one graduate certificate, may select from courses within the other graduate certificates or from the following elective list:

Complete ANY of the following Courses:
- EDF6687 - Foundations of Multicultural and Urban Education
- EDE6205 - Effective Practices for Differentiating Instruction
- EDE6225 - Elementary School Curriculum and Instruction
- MAE6317 - Teaching Elementary Mathematics Using Technology
- SCE6735 - Trends and Issues in Elementary Science Teaching and Learning
- SMT6316 - Developing Creativity and Innovation in Elementary STEM Classrooms
- IDC6015 - Computational Thinking in Elementary STEM Plus C Environments
- SMT6615 - Engineering in the Elementary Classroom
- RED6345 - Motivation and Engagement in Literacy Learning
- EDG6348 - Coaching and Mentoring for Effective Teaching and Instruction
- EDG6070 - Teacher Thinking and Decision Making In School Settings
- EEC6205 - Curriculum and Instruction in Early Childhood Education
- EEC6756 - Social-Emotional Learning and the Young Child

Additional Comments:

Program Details

Description
Elementary Education

Code
EED

Elementary Education (K-6), BAE

Program Requirements

Simple Requisites

Degree Requirements

Prerequisites (3 Credits)
Type
Completion Requirement

Prerequisites

Grade of "C" or higher required

Complete ALL of the following Courses:
- EDF1005 - Introduction to the Teaching Profession

Additional Comments:

Core Requirements (18 Credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:
- EDF3151 - Educational Psychology
- EDG3321 - Elementary Field Experience I
- EDG4410 - Classroom Management and Communication
- EDF4444 - Assessment of Learning and Behavior
- EDG3322 - Elementary Field Experience II
- EDG4442 - Elementary Field Experience III

Additional Comments:

Major Requirements (30 Credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:
- LAE3210 - Foundations of Literacy
- LAE3211 - Literacy Instruction and Assessment
- LAE4312 - Differentiating Instruction in Literacy
- MAE4013 - Teaching Mathematics in the Intermediate Elementary Grades
- EEC4321 - Teaching Mathematics in Early Childhood Settings through grade 3
- SCE4310 - Science Methods for Elementary Teachers

- SSE3313 - Social Studies Methods for Elementary Teachers
- TSL3080 - ESOL Foundations: Culture and Language
- TSL4340 - TESOL Methods and Curriculum
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings

OR

Additional Comments:

Internships (12 Credits)
Type
Completion Requirement

Internships

All degree coursework must be completed satisfactorily and a student must have attempted the FTCE Subject Area and Professional Education exams before enrolling in the Internship. Applications for fall internships are due on the 4th Friday of the previous spring term. Applications for spring internships are due on the 4th Friday of the previous fall term.

Complete ALL of the following Courses:

- EDE4943 - Student Teaching Internship
- RED4844 - Supervised Literacy Practicum

Additional Comments:

Concentration

No Requirement Level

Program Details

Description
Elementary Education

Code
EEL

Elementary Education, MAT

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (39 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EDF6687 - Foundations of Multicultural and Urban Education
- EDE6205 - Effective Practices for Differentiating Instruction

OR EEX5053 - Foundations of Exceptional Education and Services

- EDF6237 - Principles of Learning and Introduction to Classroom Assessment
- EDG6415 - Principles of Instruction and Classroom Management
- RED6657 - Evidence-Based Literacy Instruction
- RED6656 - Advanced Foundations of Reading
- SSE6318 - Social Studies Methods for Elementary Teachers
- SCE6117 - Science for Elementary Teachers
- MAE6318 - Mathematics for Elementary Teachers
- TSL6325 - TESOL Methods: Content Instruction
- TSL6254 - Applied Linguistics and Grammar for Educators
- ESE6947 - Professional Internship
- RED5846 - Practicum in Reading

Additional Comments:

Program Details

Description
Elementary Education

Code
EEL

English Education (6-12), BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (12 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession
- SPC2608 - Fundamentals of Speech
- ENGLISH Select 1 course for 3 credits:
  ENLXXXX
- LITERATURE Select 1 course for 3 credits:
  LITXXXX
  AMLXXXX

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDF3151 - Educational Psychology

- EDG3323 - The Learning Process
- EDG4410 - Classroom Management and Communication
- EDF4444 - Assessment of Learning and Behavior
- RED4333 - Reading and Writing Across the Curriculum
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings

EDG 3323 has a mandatory field component of 30 hours for secondary education majors.

Additional Comments:

Major Requirements (30 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- LIT3333 - Young Adult Literature
- ENL3333 - Shakespeare
- ENG4013 - Approaches to Literary Interpretation
- AML3621 - (GW) Black American Literature
- ENC3310 - (GW) Writing Prose
- TSL3080 - ESOL Foundations: Culture and Language
- TSL4340 - TESOL Methods and Curriculum
- LAE4335 - Special Methods: Secondary English

RED4041: Foundations of Reading Instruction*

RED4657: Language and Cognitive Foundations of Reading (3 Credits)*

*Course pending state approval

LAE 4335 has a mandatory field component of 30 hours for secondary education majors.

Additional Comments:

Internship (12 Credits)
Type
Completion Requirement

Internship

Complete ALL of the following Courses:

- ESE4943 - Student Internship
- RED4844 - Supervised Literacy Practicum

Additional Comments:

Program Details

Description
English Education

Code
EGE

Electrical Engineering, BSEE

Program Requirements

Simple Requisites

Degree Requirements

General Education requirements for engineering students differ from other majors. Do not register for general education courses without consulting your academic advisor.

Prerequisites (26 Credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or higher is required in all Engineering prerequisite courses.

Additionally, the engineering majors are selective admission majors. Students must meet the following admission requirements with a minimum grade of C prior to officially being admitted to the major: MAC2311 Calculus 1, PHY2048C Calc-based Physics I, and CHM2045 Gen Chemistry I.

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- MAP2302 - (GM) Ordinary Differential Equations
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
- PHY2049L - Calculus-based Physics II Lab

Additional Comments:

Foundation Courses (16 Credits)
Type
Completion Requirement

Foundation Courses

Complete ALL of the following Courses:

- COP2220 - Programming I
- EGN1001C - Introduction to Engineering I
- MAS3105 - (GM) Linear Algebra
- STA4321 - (GM) Probability and Statistics
- ENC3246 - Professional Communication for Engineering

Additional Comments:

Core Requirements (48 Credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EEL3013 - Modeling and Simulation in Electrical Engineering
- EEE3308 - Microelectronics I
- EEE4309 - Microelectronics II
- EEE4309L - Electronics Lab
- EEL3111 - Circuit Analysis I
- EEL3112 - Circuit Analysis II
- EEL3117L - Electrical Circuits Laboratory
- EEL3135 - Signals and Systems
- EEL3216 - Introduction to Power Systems
- EEL3472 - Electromagnetic Fields and Applications
- EEL3701 - Introduction to Digital Systems
- EEL3701L - Introduction to Digital Systems Lab
- EEL4514 - Communication Systems
- EEL4514L - Analog and Digital Communications Laboratory
- EEL4657 - Linear Control Systems

- EEL4657L - Linear Control Systems Lab
- EEL4744C - Microcontroller Applications
- EEL4914 - Senior Capstone Design I
- EEL4915 - Senior Capstone Design II

Additional Comments:

Technical Electives (15 Credits)
Type
Completion Requirement

Technical Electives

Earn at least 15 credits from the following:

- EEE4214 - Biomedical Imaging
- EEE4290C - Biomedical Engineering Research Methods
- EEE4200C - Biomedical Instrumentation and Systems Design
- EEE4284 - Biomedical Signal Processing
- EEL4081 - Topics on Rehabilitation Engineering
- EEL4220 - Electric Machines
- EEL4241 - Power Electronics
- EEL4283 - Introduction to Renewable Energy
- EEL4445 - Machine Vision
- EEL4440 - Optical Fiber Communications
- EEL4580 - Wireless and Mobile Communications
- EEL4610 - State-Space Control Systems
- ETS4543C - Applied Programmable Logic Controllers
- EEL4712 - Digital Design
- EEL4712L - Digital Design Lab
- EEL4713C - Introduction to Instrumentation
- EEL4750 - Introduction to Digital Signal Processing
- EEL4750L - Digital Signal Processing Laboratory
- EEL4829 - Digital Image Processing
- EEL4955 - Electrical Engineering Study Abroad
- EEL4905 - Undergraduate Supervised Research
- EEL4906 - Directed Independent Studies
- EEL4949 - Electrical Engineering Internship
- EEL4930 - Special Topics in Electrical Engineering
- EEL4931 - Special Topics in Electrical Engineering
- Or Any other 4000-level courses with either an EEE or EEL prefix taken at UNF
- Students may take no more than 6 credit hours (UNF courses only) at either 3000 or 4000 level from Physics, Mathematics, Computing or Engineering to count towards technical elective credit hours. Students must secure approval from the School of Engineering Director prior to registering when taking a course from these disciplines.

*EEL4905 and EEL4906 can be taken in any combination up to a total of 6 credit hours

Additional Comments:

Accelerated BSEE-MSEE
Type
Completion Requirement

Additional Comments:
A maximum of 6 credit hours of graduate level coursework may be used towards technical electives at the undergraduate level. Students wishing to take gradate credits while in undergraduate status must receive approval from the School of Engineering Director prior to registering for the graduate level course(s).

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
General Education requirements for engineering students differ from other majors. Do not register for general education courses without consulting your academic advisor.

Program Details

Description
Electrical Engineering

Code
EGR

Electrical Engineering, MSEE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Electrical Engineering master's degree consists of a minimum of 30 credit hours and includes a thesis.

School of Engineering Conditions for the Degree:

- All coursework must be completed with a grade of B or better.
- A GPA of 3.0 must be maintained. If the GPA falls below 3.0, academic probation will result.
- No more than 6 credits of transfer coursework can be applied to the degree, with the following exception: the student may transfer no more than 12 credits if at least 6 credits come from online courses from within the Florida State University System.
- A student may not receive 5000-level credit for a cross-listed 4000/5000-level course previously completed at the 4000-level.
- Before completing EEL 6971 Master's Thesis Proposal Defense, the student is required to conduct an oral Thesis Proposal Defense with his/her thesis committee. The student cannot enroll in EEL 6972 Master's Thesis without first successfully defending his/her thesis proposal.
- Prior to graduation, the student is required to submit a peer-reviewed publication on which the student is a co-author.

Major Electives (12 credits)
Type

Completion Requirement

Major Electives

All elective course must be approved by the student's thesis advisor prior to enrollment.

SELECT 12 Credits of Electives

- Any EEE / EEL prefix courses at either the 5000 or 6000 level
- 5000 or 6000 level courses from Computing, Engineering, Mathematics, Physics, or online graduate courses from the Florida State University System as approved by the student's thesis advisor

Additional Comments:

Culminating Experience (18 credits)
Type
Completion Requirement

Thesis Proposal Courses

Complete ALL of the following Courses:

- EEL6970 - Master's Thesis Proposal Development
- EEL6971 - Master's Thesis Proposal Defense

Every Electrical Engineering Master's student is required to complete 6 credits of Master's Thesis Proposal courses. Successful completion of these thesis proposal courses is contingent upon the student submitting a written thesis proposal and conducting an oral defense of that proposal to a thesis committee. A thesis proposal form signed by the committee as well as a passing grade in EEL6971 Master's Thesis Proposal Defense is required to enroll in EEL6972 Master's Thesis.

Master's Thesis Courses

Earn at least 12 credits from the following:

- EEL6972 - Master's Thesis

Every Electrical Engineering student is required to complete 12 credit hours of Master's Thesis courses. Once a student enrolls in Master's Thesis credits, continuous enrollment is required until the student successfully submits a written thesis document according to the requirements of UNF's Graduate School and conducts an oral defense of that thesis.

Additional Comments:

Program Details

Description
Electrical Engineering

Code
EGR

Executive Health Administration, MHA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:

- The 30-credit hour EMHA program is completed in less than 2 years (approximately 20 months).
- Three in-residence seminar sections at the University of North Florida will be required at the beginning of the first semester, in the summer semester, and at the end of the last semester. Each seminar section will be up to 4 days in length. More information will be provided upon admission.
- TIME LIMITATION: The EMHA program discourages students from getting "off-track", since students are expected to complete the program as a cohort, following a specific progression through the curriculum in approximately 20 months.

Major Requirements (30 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- HSA6512 - Leadership and Organizational Behavior in Healthcare
- HSA6179 - Financial Management for Health Care Organizations
- HSA6707 - Research Methods for Healthcare Management
- HSA6396 - Strategic Planning for Health Information Systems
- HSA6187 - Managing Human Resources in Health Care Organizations
- HSA6386 - Population Health for Health Administrators
- HSA6158 - Health Policy and Law
- HSA6387 - Healthcare Quality and Patient Safety Management
- HSA6436 - Health Economics, Financing and Reimbursement
- HSA6148 - Strategic Planning and Marketing in Healthcare

Additional Comments:

Program Details

Description
Exec Health Administration

Code
EHA

Educational Leadership, Certificate (CM)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Educational Leadership (27 credits)

Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Applicants must:

- Hold a master's degree from an accredited institution.
- Hold a valid Florida teaching certificate.
- Demonstrate prior successful completion of graduate level courses in (1) educational research, (2) social foundations of education, and (3) educational technology (or will be required to complete appropriate courses as part of this program.)
- Pass all sections of the Florida Educational Leadership Examination (FELE) prior to completing the program.

Complete ALL of the following Courses:

- EDA6061 - Introduction to Educational Leadership
- EDA6196 - Leadership for Learning Organizations (Operational Leadership II)
- EDA6215 - Developing School and Community Resources (School Leadership II)
- EDA6232 - Law and Ethics in Ed Leadership (Operational Leadership III)
- EDA6242 - School Finance (Instructional Leadership III)
- EDG6625 - Curriculum and Assessment Leadership
- EDA6945 - Practicum in Educational Leadership
- EDS6050 - Instructional Leadership (Instructional Leadership IV)
- EDS6130 - Human Resource Development in Education (Operational Leadership I)

Additional Comments:

Program Details

Description
Educational Leadership Cert

Code
ELE

Entrepreneurship for Business Majors, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Entrepreneurship for Business Majors
Type
Completion Requirement

Required Courses (6 credits)

This program of study is for all business majors.

Conditions for Minor:

- Students must take a minimum of 12 hours of upper-level course work in Entrepreneurship at UNF.
- A grade of "C" or better is required for all minor courses, including prerequisites.
- Transient/concurrent enrollment at other institutions is not permitted.

Complete ALL of the following Courses:

- GEB4113 - Entrepreneurship
- MAN4294 - Creativity and Innovation in the Workplace

Electives (6 Credits)

Complete at least 2 of the following courses:

- ENT3173 - Franchising
- ENT3503 - Social Entrepreneurship
- ENT4183 - Technology Entrepreneurship
- ENT3204 - New Venture Growth
- GEB3132 - Family Business Management
- GEB3105 - Small Business Money Management
- GEB3154 - Entrepreneurial Marketing
- GEB4942 - Entrepreneurial Internship
- GEB4104 - Small Business Consulting

Additional Comments:

Program Details

Description
Entrepreneurship–Business Mjr

Code
ENB

English, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (6 Credits)
Type
Completion Requirement

Prerequisites

Requires grades of C or above

Complete ALL of the following Courses:

- ENC1101 - (GW) Writing for Audience and Purpose
- ENC1102 - (GW) Evidence-Based Writing

Additional Comments:

No Concentration Requirements (24 Credits)
Type
Completion Requirement

Core Requirements (12 Credits)

Complete ALL of the following Courses:

- LIT2000 - Introduction to Literature
- LIT3213 - The Art of Critical Reading and Writing I
- AML2010 - American Literature I
  OR ENL2012 - British Literature I
  OR LIT2110 - World Literature I
- AML2020 - American Literature II
  OR ENL2022 - British Literature II
  OR LIT2120 - World Literature II
  OR AML3621 - (GW) Black American Literature

Intermediate (9 Credits)

Select 3 Intermediate Courses
Select any three 3000-level courses the English Department offers

Advanced (15 Credits)

Select 5 Advanced Courses
Select any four 4000-level courses the English department offers

REQUIRED Capstone: Capstone Workshop, Internship, or another designated capstone experience. Students build on knowledge gained in previous courses, creating a culminating project or participating in a culminating experience that illustrates their creative or analytical skills. Qualifying study abroad and/or internships could be created as a capstone experience. Other courses that qualify for capstone include: independent studies, LIT4934, CRW4924, ENG4004, and FIL4379. While these courses may be taken multiple times for credit, they will only count towards the required capstone credit when taken within 30 credits of graduation. (3 credits)

Additional Comments:

Creative Writing Concentration Requirements (24 Credits)
Type
Completion Requirement

Core Requirements (12 Credits)

Complete ALL of the following Courses:

- LIT2000 - Introduction to Literature
- LIT3213 - The Art of Critical Reading and Writing I
- AML2010 - American Literature I
  OR ENL2012 - British Literature I
  OR LIT2110 - World Literature I
- AML2020 - American Literature II
  OR ENL2022 - British Literature II
  OR LIT2120 - World Literature II

Intermediate (6 Credits)

Select 2 Intermediate Courses
Select 2 3000-Level CRW courses

Major Electives (15 Credits)

Select 5 3000-4000 Level Courses
AML / CLT / CRW / DIG / ENC / ENG / ENL / FIL / LIN / LIT / THE / TPP

Required Capstone (3 Credits)

Select 1 Capstone Experience
Capstone Workshop, CRW4924, or another designated capstone experience. Students build on knowledge gained in previous courses, creating a culminating project or participating in a culminating experience that illustrates their creative or analytical skills. Qualifying study abroad and/or internships could be created as a capstone experience. While CRW 4924 may be taken multiple times for credit, it will only count towards the required capstone credit when taken within 30 credits of graduation.

Additional Comments:

Professional and Public Writing Concentration Requirements
Type
Completion Requirement

Core Requirements (12 Credits)

Complete ALL of the following Courses:

- LIT3213 - The Art of Critical Reading and Writing I
- LIT3214 - The Art of Critical Reading and Writing II
- AML2010 - American Literature I
  OR ENL2012 - British Literature I
  OR LIT2110 - World Literature I
- AML2020 - American Literature II
  OR ENL2022 - British Literature II
  OR LIT2120 - World Literature II

Intermediate (12 Credits)

Complete ALL of the following Courses:

- ENC3310 - (GW) Writing Prose

And, Select 1 3000-Level ENC course (3 Credits)

And, Select 2 3000-Level courses in Reading, Contexts, Authors, and Methods: Historical, Literacy, or Cultural Studies: AML / ENG / ENL / FIL (excluding FIL3363) / LIT (6 Credits)

Advanced (12 Credits)

Select 4 Advanced Courses
Select 2 4000-Level Courses in Advanced Studies in Authors, Cultures, Literary Theories or Topics: AML / CLT / ENG / ENL / FIL (excluding FIL4379) / LIT (6 Credits)

Select 2 ENC 4000-level courses (6 Credits)

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type

Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select one two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
English

Code
ENG

English, MA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites

Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:
- ENG4013 - Approaches to Literary Interpretation

At least 18 credits, including ENG4013, in English or related field with a GPA of 3.0 or higher.

Additional Comments:

Major Requirements (6 credits)
Type
Completion Requirement

Major Requirements

A minimum of 33 semester hours are required for the degree. A maximum of 12 of those credits (4 courses) may be taken at the 5000-level. All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are available online.

Complete ALL of the following Courses:
- LIT6246 - Major Authors
- ENG6019 - Contemporary Literary Criticism and Theory

Additional Comments:

No Concentration Requirements (27 credits)
Type
Completion Requirement

No Concentration Major Electives (27 credits)

There are 5 basic requirements among electives:
One course must be "early" according to below definition.
One course must be "late" according to below definition.
One course must be American literature (AML 5XXX or AML 6XXX).
One course must be British literature (ENL 5000 or 6000 -level).
One course must be World/global or international in scope (LIT5000- or LIT 6000- level).

An "early" American literature course has a pre-1865 focus.
A "late" American literature course has a post- 1865 focus.
An "early" British literature course has a pre-1800 focus.
A "late" British literature course has a post-1800 focus.

The graduate coordinator may substitute one film course (or equivalent), such as FIL5934 for one of these requirements. Course descriptions for international offerings will clarify whether the course counts as "early" or "late".

Note: a single course may go toward satisfying more than one requirement. For example, a LIT6246 Major Authors course on Toni Morrison would satisfy 3 criteria: the one Major Authors requirement, one of the two "later" requirements, and one of the two American requirements.

REMAINING ELECTIVES FROM BELOW
Students may choose among open electives until they meet the 33-credit requirement of the degree. Students may select from the following list:

Complete ANY of the following Courses:
- AML6506 - Studies in Early American Literature
- AML6507 - Studies in Later American Literature
- CRW5935 - Special Topics in Creative Writing

- CRW6905 - Creative Writing Independent Study
- CRW6925 - Graduate Creative Writing Workshop
- ENC5226 - Technical Writing
- ENC5235 - Grant Writing
- ENC5935 - Special Topics in Composition and Rhetoric
- ENC6700 - Studies in Composition Theory
- ENC6942 - Teaching Practicum in the Writing Classroom
- ENC6721 - Studies in Composition Research
- ENC6905 - Rhetoric and Composition Independent Study
- ENG5945 - Graduate Internship
- ENL6502 - Studies in Early British Literature
- ENL6509 - Studies in Later British Literature
- FIL5305 - Documentary Workshop
- FIL5377 - Advanced Documentary Production
- FIL5934 - Special Topics in Film
- FIL6905 - Film Independent Study
- FIL6937 - Advanced Topics in Film
- LIT5934 - Topics in Literature
- LIT6855 - Topics in Cultural Studies
- LIT6905 - Directed Independent Study
- LIT6934 - Special Topics in Literature
- LIT6941 - Practicum: Teaching Literature

Additional Comments:

Composition and Rhetoric Concentration Requirements (27 credits)
Type
Completion Requirement

Composition and Rhetoric Concentration (12 credits)

There are five basic requirements for the MA in English Component of this concentration, which will account for at least 12 credits of the 27 credits. A single course may go toward satisfying more than one requirement. For example, a LIT 6246 Major Authors course on Toni Morrison would satisfy 3 criteria: the one Major Authors requirement, one of the "later" requirements, and one of the American requirements. The graduate coordinator may substitute one film course (or equivalent), such as FIL 5934 for one of these requirements. Course descriptions for international offerings will clarify whether the course counts as "early" or "late".

One course must be "early" according to below definition.
One course must be "late" according to below definition.
One course must be American literature (AML 5XXX or AML 6XXX).
One course must be British literature (AML 5XXX or AML 6XXX).
One course must be World/global or international in scope (LIT 5XXX or LIT 6XXX).

An "early" American literature course has a pre-1865 focus.
A "late" American literature course has a post-1865 focus.
An "early" British or global literature course has a pre-1865 focus.
A "late" British or global literature course has a post-1865 focus.

SELECT 12 credits:

Composition and Rhetoric Concentration (9 credits)

Complete at least 3 of the following courses:

- ENC5226 - Technical Writing
- ENC5235 - Grant Writing
- ENC6700 - Studies in Composition Theory
- ENC5720 - Problems in Contemporary Composition
- ENC6721 - Studies in Composition Research
- ENC6942 - Teaching Practicum in the Writing Classroom
- ENC5935 - Special Topics in Composition and Rhetoric
- ENC6905 - Rhetoric and Composition Independent Study

Or, ENC6740: Studies in Composition Pedagogy (3 Credits)*

*Course pending state approval

Composition and Rhetoric Concentration (6 credits)

Complete at least 2 of the following courses:

- AML6506 - Studies in Early American Literature
- AML6507 - Studies in Later American Literature
- ENL6502 - Studies in Early British Literature
- ENL6509 - Studies in Later British Literature
- LIT5934 - Topics in Literature
- LIT6905 - Directed Independent Study
- LIT6934 - Special Topics in Literature
- LIT6941 - Practicum: Teaching Literature
- CRW5935 - Special Topics in Creative Writing
- CRW6905 - Creative Writing Independent Study
- CRW6925 - Graduate Creative Writing Workshop
- FIL5934 - Special Topics in Film
- FIL6905 - Film Independent Study
- FIL6937 - Advanced Topics in Film
- LIT6855 - Topics in Cultural Studies

Additional Comments:

Creative Writing Concentration Requirements (27 credits)
Type
Completion Requirement

Creative Writing Concentration - Informational Text

Informational Text
There are five basic requirements for the MA in English Component of this concentration, which will account for at least 9 credits of the 27 credits. A single course may go toward satisfying more than one requirement. For example, a LIT 6246 Major Authors course on Toni Morrison would satisfy 3 criteria: the one Major Authors requirement, one of the "later" requirements, and one of the American requirements. The graduate coordinator may substitute one film course (or equivalent), such as FIL 5934 for one of these requirements. Course descriptions for international offerings will clarify whether the course counts as "early" or "late".

One course must be "early" according to below definition.
One course must be "late" according to below definition.
One course must be American literature (AML 5XXX or AML 6XXX).
One course must be British literature (AML 5XXX or AML 6XXX).
One course must be World/global or international in scope (LIT 5XXX or LIT 6XXX).

An "early" American literature course has a pre-1865 focus.
A "late" American literature course has a post-1865 focus.
An "early" British or global literature course has a pre-1865 focus.
A "late" British or global literature course has a post-1865 focus.

Creative Writing Concentration - Major Electives Creative Writing (12 credits)

Earn at least 12 credits from the following:

- CRW5944 - Creative Writing Internship
- CRW5935 - Special Topics in Creative Writing
- CRW6905 - Creative Writing Independent Study
- CRW6925 - Graduate Creative Writing Workshop
- CRW6942 - Practicum: Teaching Creative Writing

Creative Writing Concentration - Major Electives (15 credits)

Earn at least 15 credits from the following:

- AML6506 - Studies in Early American Literature
- AML6507 - Studies in Later American Literature
- ENC5226 - Technical Writing
- ENC5235 - Grant Writing
- ENC6700 - Studies in Composition Theory
- ENC5720 - Problems in Contemporary Composition
- ENC6721 - Studies in Composition Research
- ENC6942 - Teaching Practicum in the Writing Classroom
- ENC5935 - Special Topics in Composition and Rhetoric
- ENC6905 - Rhetoric and Composition Independent Study
- ENG5945 - Graduate Internship
- ENL6502 - Studies in Early British Literature
- ENL6509 - Studies in Later British Literature
- FIL5305 - Documentary Workshop
- FIL5377 - Advanced Documentary Production
- FIL5934 - Special Topics in Film
- FIL6905 - Film Independent Study
- FIL6937 - Advanced Topics in Film
- LIT5934 - Topics in Literature
- LIT6855 - Topics in Cultural Studies
- LIT6905 - Directed Independent Study
- LIT6934 - Special Topics in Literature
- LIT6941 - Practicum: Teaching Literature

Additional Comments:

Program Details

Description
English

Code
ENG

Creative Writing, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Creative Writing (15 credits)
Type
Completion Requirement

Minor Required Courses: Category A (3-6 credits)

In this program, students will develop their creative talents by analyzing the work of both canonical and non-canonical writers; understanding and practicing varied techniques and styles; developing and revising work for peer review; critiquing peer work in workshop; and preparing work for submission to recognized journals, contests, and graduate programs.

The creative writing minor enhances any major. In addition to providing students with advanced writing skills, this minor provides the opportunity to explore and develop creative potentials in art, science, health, education, communications, business, film and media, and the law, among many other fields. A grade of C or better is required for all minor courses.

A minimum of 12 credits must be taken at UNF. For English Major Students, courses used in the English major may not be used to satisfy requirements for the Creative Writing minor.

Students may choose at least one and up to two of the following:

Complete at least 1 of the following courses:

- CRW2000 - (GW) Introduction to Creative Writing
- CRW2100 - (GW) Introduction to Fiction Writing
- CRW2201 - (GW) Introduction to Creative Nonfiction
- CRW2300 - (GW) Introduction to Poetry Writing
- CRW2400 - (GW) Introduction to Playwriting
- CRW2600 - (GW) Introduction to Screenwriting
- CRW2930 - (GW) Special Topics in Creative Writing

Minor Required Courses: Category B (9-12 credits)

Students must choose at least three and may choose up to four of the following courses (each of which may be repeated for up to 9 credit hours):

Complete at least 3 of the following courses:

- CRW3110 - (GW) Fiction Workshop
- CRW3211 - (GW) Creative Nonfiction Workshop
- CRW3310 - (GW) Poetry Workshop
- CRW3610 - (GW) Screenwriting Workshop
- CRW3742 - Integrative Arts Workshop
- CRW3113 - Writing Genre Fiction
- CRW3741 - Image/Text Workshop
- CRW3930 - Special Topics in Creative Writing
- CRW4924 - Advanced Creative Writing Workshop
- CRW4122 - Advanced Fiction Workshop
- CRW4224 - Adv. Creative Nonfic Wkshp
- CRW4320 - Advanced Poetry Workshop
- CRW4616 - Advanced Screenwriting Workshop

Additional Comments:

Program Details

Description
Creative Writing

Code
ENG2

Entrepreneurship for Non-Business Majors, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Entrepreneurship for Non-Business Majors (12 Credits)
Type
Completion Requirement

Major Required Courses (6 Credits)

This program of study is for all non-business majors. The minor aims to help students outside the business disciplines gain entrepreneurial skillsets. Doing so may strengthen students' business acumen and employability in their respective disciplines.

Conditions for Minor:

- A grade of "C" or better is required for all minor courses, including prerequisites.
- Transient/concurrent enrollment at other institutions is not permitted.

Complete ALL of the following Courses:
- GEB4113 - Entrepreneurship
- MAN4294 - Creativity and Innovation in the Workplace

Major Electives (6 Credits)

Complete at least 2 of the following courses:
- ENT3173 - Franchising
- ENT3503 - Social Entrepreneurship
- ENT4183 - Technology Entrepreneurship
- ENT3204 - New Venture Growth
- MUM3701 - The Music Business
- MUM4636 - Audio for Media Applications
- ENC3202 - Professional Communication for Business
- ENC3212 - Copyediting
- ENC4403 - Grant Writing
- ENC4930 - Advanced Topics in Composition
- ART3830 - Curatorial Practices
- ART4929C - Senior Project
- GRA4423 - Graphic Design Professional Practices
- GRA4189C - Graphic Design Portfolio
- GEB3132 - Family Business Management
- GEB3105 - Small Business Money Management
- GEB3154 - Entrepreneurial Marketing
- GEB4942 - Entrepreneurial Internship
- GEB4104 - Small Business Consulting

Additional Comments:

Program Details

Description
Entrepreneurship for NBM

Code
ENN

Environmental Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Environmental Studies (12 Credits)
Type
Completion Requirement

Environmental Core

Students must take 12 credits to satisfy the interdisciplinary minor focused on environmental studies and science. Students must take at least one course from three different Foundation Areas. A grade of C or better is required in all minor courses. Substitutes will be considered with approval from the Program Director or Department Chair.

Complete at least 1 of the following courses:
- EVR3008 - Environmental Foundations
- EVR3083 - Environmental Professional Preparation

EVR 3xxx: Environmental Independent Study (1-3 Credits)*

EVR 4xxx: Environmental Special Topics (3 Credits)*

EVR 4xxx: Environmental Study Abroad (3 Credits)*

EVR 3xxx: Environmental Directed Independent Research (3-9 Credits)*

*Course pending state approval

Environmental Natural Science

Complete at least 1 of the following courses:
- BOT3151C - Local Flora
- BOT3712C - Plant Systematics and Evolution
- BOT4503C - Plant Anatomy and Physiology
- BSC3057 - Introduction to Environmental Studies
- BSC3052 - Conservation Biology
- BSC3263 - Marine Biology
- BSC4054 - Environmental Toxicology
- FAS4354 - Coastal Fisheries Management
- OCB3108L - Field Studies in Marine Science
- OCE3008 - Oceanography
- BSC4921 - Biology Lecture Series
- BSC4930 - Selected Topics in Biology
- PCB3043C - Ecology
- PCB4301C - Limnology
- ZOO4208C - Coastal Invertebrate Biology
- ZOO4823C - General Entomology
- CHM3120 - Quantitative Analytical Chemistry
- CHM3120L - Quantitative Analytical Chemistry Laboratory
- CHM4130 - Modern Analytical Chemistry
- CHM4130L - Modern Analytical Chemistry Laboratory
- CHM4930 - Selected Topics in Chemistry
- CHM4910 - Chemical Research
- CHS4615 - Environmental Chemistry
- CHS4615L - Environmental Chemistry Lab
- CHM3260 - Advanced Organic Chemistry
- CHM3610 - Inorganic Chemistry
- PHY3101L - Modern Physics Laboratory
- PHY3101 - Modern Physics
- EVS3041 - Coastal Resilience and the Natural Environment

Applied Environmental Science

Complete at least 1 of the following courses:
- SCM4155 - Supply Chain Management
- TRA3035 - Foundations of Transportation
- HSC3500 - Epidemiology
- HSC4181 - Alternative Healing
- HSC4210 - Environmental Health

- GEO3372 - Conservation of Natural Resources
- GIS3043 - Introduction to Geographic Information Systems
- GIS3250 - Geographic Information Systems for Biology
- GIS4024 - Aerial Surveillance and Mapping
- GIS4048 - Intermediate Geographic Information Systems
- CEG3011C - Geotechnical Engineering
- CEG4104 - Analysis and Design of Earth Retaining Systems
- CEG4302 - Applied Engineering Geology
- CGN3322C - Civil Engineering Geomatics
- CGN4430 - Risk Assessment
- CGN4824 - Principles of Land Development
- CWR4001 - Introduction to Coastal and Port Engineering
- CWR4006 - Coastal Processes
- CWR4009 - Oceanography/ Meteorology
- CWR4010 - Field Methods
- CWR4024 - Coastal & Estuarine Hydrodynamics
- CWR4600 - Major River Systems of Florida
- ENV3001C - Environmental Engineering
- ENV4012 - Advanced Environmental Engineering
- CWR4121 - Groundwater Flow and Containment Transport
- CWR4550 - Water Wave Mechanics
- TTE4004 - Transportation Engineering
- CAP4630 - Introduction to Artificial Intelligence
- BCN3223C - Soils and Foundations
- BCN3224 - Construction Techniques
- BCN3578 - Maritime Construction
- BCN3762 - Building Construction Design and Codes
- BCN4587C - Green Construction and Sustainability
- BCN4751C - Housing and Land Development
- BCN4302 - Building Information Modeling
- BCN4956 - Study Abroad in Construction Management
- EEL4283 - Introduction to Renewable Energy
- EML4622 - Clean and Renewable Energy Technology
- EVS3800 - Coastal Resilience and the Built Environment

Environmental Social Sciences

Complete at least 1 of the following courses:

- SOP3004 - Social Psychology
- EXP3412 - Learning Theory
- HSC4602 - Animal Assisted Services for Health and Wellness
- CPO4034 - Politics of Developing Countries
- INR3016 - Global Issues in Contemporary Politics
- POS4038 - Climate Change Policy and Environmental Security
- FSS3800 - Seminar in Food Systems and Sustainability
- HSC3578 - Food, Health and Society
- HSC3032 - Foundations of Public Health
- HSC4624 - Global Health
- HSC4674 - Global Health: Water, Sanitation and Hygiene
- ECP3302 - Environmental Economics
- ECP3613 - Urban Economics
- ECS3013 - Economic Development
- GEA3405 - Geography of Latin America and the Caribbean
- GEO3502 - Economic Geography
- GEO3553 - Cultural Dimensions of Economic Geography
- TRA3035 - Foundations of Transportation
- AMH3420 - Florida History
- AMH3630 - Environmental History of the United States
- HIS3402 - Urban Environmental History and Sustainability
- PHI3640 - Environmental Ethics
- REL3168 - Religion and Nature
- PSY4870 - Conservation Psychology
- INR3443 - International Law and Organization
- INR4703 - International Political Economy
- ANT4020 - Humans, Animals, and Culture
- SYD3410 - Urban Sociology
- SYD4510 - Environment and Society
- BCN3012 - History and Introduction to Construction
- LEI3004 - Introduction to Recreation, Tourism, and Events
- LEI3266 - Outdoor Adventure Education
- LEI3341 - Commercial Recreation and Tourism
- EVR3008 - Environmental Foundations

Additional Comments:

Program Details

Description
Environmental Studies

Code
ENS

Exceptional Student Education, MAT

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (21 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EEX5075 - Teaching Students with Exceptionalities in Inclusive Settings
- EEX5665 - Classroom and Behavior Management
- EEX5485 - Mathematics Instruction for Learners with Exceptionalities
- TSL6325 - TESOL Methods: Content Instruction
- EEX6256 - Literacy I for Students with Exceptionalities
  OR RED6657 - Evidence-Based Literacy Instruction
- EEX6259 - Literacy II for Students with Exceptionalities
  OR RED6656 - Advanced Foundations of Reading
- TSL6245 - ESOL Language and Literacy Development
  OR TSL6254 - Applied Linguistics and Grammar for Educators

Additional Comments:

Practicum (9 credits)
Type
Completion Requirement

Practicum

Complete ALL of the following Courses:

- EEX6848 - Literacy Practicum in Exceptional Student

Education
- EEX6849 - Practicum in Exceptional Student Education: Professional
- EEX6841 - Practicum in Special Education

Additional Comments:

Program Details

Description
Exceptional Student Education

Code
ESE

TESOL, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: TESOL (15 credits)
Type
Completion Requirement

Minor Required Courses - Option 1

Complete ALL of the following Courses:
- TSL3080 - ESOL Foundations: Culture and Language
- TSL4340 - TESOL Methods and Curriculum
- TSL4240 - Applied Linguistics and Grammar in TESOL
- EDF2085 - Introduction to Diversity for Educators
- Choose one multicultural-/language-/diversity-related course in consultation with a TESOL program faculty advisor (3 credits)

Minor Required Courses - Option 2

Complete ALL of the following Courses:
- TSL4324 - TESOL for Secondary Content Area Teachers
- TSL4944 - TESOL Practicum
- TSL4240 - Applied Linguistics and Grammar in TESOL
- EDF2085 - Introduction to Diversity for Educators
- Choose one multicultural-/language-/diversity-related course in consultation with a TESOL program faculty advisor (3 credits)

Additional Comments:

Program Details

Description
TESOL

Code
ESL

Elementary STEM Education, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Elementary STEM Education (9 credits)
Type
Completion Requirement

Certificate Required Courses

Students must have a valid teaching licensure from any state, and meet all UNF requirements for admission to a graduate program.

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:
- MAE6317 - Teaching Elementary Mathematics Using Technology
- SCE6735 - Trends and Issues in Elementary Science Teaching and Learning
- IDC6015 - Computational Thinking in Elementary STEM Plus C Environments
  OR SMT6615 - Engineering in the Elementary Classroom

Additional Comments:

Program Details

Description
Elementary STEM Education

Code
EST

Environmental Science, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Courses (9 Credits)
Type
Completion Requirement

Core Courses

Complete ALL of the following Courses:

- EVR3008 - Environmental Foundations
- EVR3083 - Environmental Professional Preparation
- EVR4940 - Environmental Internship

Additional Comments:

Environmental Natural Sciences Concentration Requirements (72 Credits)
Type
Completion Requirement

Prerequisites (30 Credits)

Complete ALL of the following Courses:

- MAC2311 - (GM) Calculus I
  OR MAC1147 - (GM) Precalculus
- BSC1010C - General Biology I
- BSC1011C - General Biology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- PHY2048C - Calculus-based Physics I
  OR PHY2053C - Algebra-based Physics I
- GLY2010 - Physical Geology
- STA2023 - (GM) Introductory Statistics
  OR

Environmental Natural Science (18 Credits)

Students are required to complete courses in each of the following Foundation Areas, adhering to the specified credit requirements.

The following additional courses may be available to students and can be applied to any Foundation Area below, depending on the topics covered. Approval is required.

EVR 3xxx: Environmental Independent Study (1-3 Credits)*

EVR 4xxx: Environmental Special Topics (3 Credits)*

EVR 4xxx: Environmental Study Abroad (3 Credits)*

EVR 3xxx: Environmental Directed Independent Research (3-9 Credits)*

*Courses pending state approval

Earn at least 18 credits from the following:

- BOT3151C - Local Flora
- BOT3712C - Plant Systematics and Evolution
- BOT4503C - Plant Anatomy and Physiology
- BSC3052 - Conservation Biology
- BSC3057 - Introduction to Environmental Studies
- BSC3263 - Marine Biology
- BSC4054 - Environmental Toxicology
- FAS4354 - Coastal Fisheries Management
- OCB3108L - Field Studies in Marine Science
- OCE3008 - Oceanography
- BSC4921 - Biology Lecture Series
- BSC4930 - Selected Topics in Biology
- PCB3043C - Ecology
- PCB4301C - Limnology
- ZOO4208C - Coastal Invertebrate Biology
- ZOO4823C - General Entomology
- CHM3120 - Quantitative Analytical Chemistry
- CHM3120L - Quantitative Analytical Chemistry Laboratory
- CHM4130 - Modern Analytical Chemistry
- CHM4130L - Modern Analytical Chemistry Laboratory
- CHM4930 - Selected Topics in Chemistry
- CHM4910 - Chemical Research
- CHS4615 - Environmental Chemistry
- CHS4615L - Environmental Chemistry Lab
- CHM3260 - Advanced Organic Chemistry
- CHM3610 - Inorganic Chemistry
- PHY3101 - Modern Physics
- PHY3101L - Modern Physics Laboratory
- EVS3041 - Coastal Resilience and the Natural Environment

Applied Environmental Science (12 Credits)

Earn at least 12 credits from the following:

- HSC3500 - Epidemiology
- HSC4181 - Alternative Healing
- HSC4210 - Environmental Health
- GEO3372 - Conservation of Natural Resources
- GIS3043 - Introduction to Geographic Information Systems
- GIS3250 - Geographic Information Systems for Biology
- GIS4024 - Aerial Surveillance and Mapping
- GIS4048 - Intermediate Geographic Information Systems
- CEG3011C - Geotechnical Engineering
- CEG4104 - Analysis and Design of Earth Retaining Systems
- CEG4302 - Applied Engineering Geology
- CGN3322C - Civil Engineering Geomatics
- CGN4430 - Risk Assessment
- CGN4824 - Principles of Land Development
- CWR4001 - Introduction to Coastal and Port Engineering
- CWR4006 - Coastal Processes
- CWR4009 - Oceanography/ Meteorology
- CWR4010 - Field Methods
- CWR4024 - Coastal & Estuarine Hydrodynamics
- CWR4600 - Major River Systems of Florida
- ENV3001C - Environmental Engineering
- ENV4012 - Advanced Environmental Engineering
- CWR4121 - Groundwater Flow and Containment Transport
- CWR4550 - Water Wave Mechanics
- TTE4004 - Transportation Engineering
- CAP4630 - Introduction to Artificial Intelligence
- BCN3223C - Soils and Foundations
- BCN3224 - Construction Techniques
- BCN3578 - Maritime Construction
- BCN3762 - Building Construction Design and Codes
- BCN4587C - Green Construction and Sustainability
- BCN4751C - Housing and Land Development
- BCN4302 - Building Information Modeling
- BCN4956 - Study Abroad in Construction Management
- EEL4283 - Introduction to Renewable Energy
- EML4622 - Clean and Renewable Energy Technology
- EVS3800 - Coastal Resilience and the Built Environment
- SCM4155 - Supply Chain Management
- TRA3035 - Foundations of Transportation

Environmental Social Sciences (6 Credits)

Earn at least 6 credits from the following:

- FSS3800 - Seminar in Food Systems and Sustainability
- HSC3578 - Food, Health and Society
- HSC3032 - Foundations of Public Health
- HSC4624 - Global Health
- HSC4674 - Global Health: Water, Sanitation and Hygiene
- ECP3302 - Environmental Economics
- ECP3613 - Urban Economics
- ECS3013 - Economic Development

- GEA3405 - Geography of Latin America and the Caribbean
- GEO3502 - Economic Geography
- GEO3553 - Cultural Dimensions of Economic Geography
- TRA3035 - Foundations of Transportation
- AMH3420 - Florida History
- AMH3630 - Environmental History of the United States
- HIS3402 - Urban Environmental History and Sustainability
- PHI3640 - Environmental Ethics
- REL3168 - Religion and Nature
- PSY4870 - Conservation Psychology
- INR3443 - International Law and Organization
- INR4703 - International Political Economy
- ANT4020 - Humans, Animals, and Culture
- SYD3410 - Urban Sociology
- SYD4510 - Environment and Society
- BCN3012 - History and Introduction to Construction
- LEI3004 - Introduction to Recreation, Tourism, and Events
- LEI3266 - Outdoor Adventure Education
- LEI3341 - Commercial Recreation and Tourism
- EVR3356 - Coastal Resilience and the Social and Behavioral Environment
- SOP3004 - Social Psychology
- EXP3412 - Learning Theory
- HSC4602 - Animal Assisted Services for Health and Wellness
- CPO4034 - Politics of Developing Countries
- INR3016 - Global Issues in Contemporary Politics
- POS4038 - Climate Change Policy and Environmental Security

Research Design and Methodology (3 Credits)

Earn at least 3 credits from the following:

- HUN3800 - Nutrition Science Research and Ethics
- PHC4468 - Health Disparities through Data Analytics
- ECO3411 - Business and Economic Statistics
- MAR4615 - Introduction to Marketing Analytics
- STA4202 - (GM) Design of Experiments
- STA3163 - (GM) Statistical Methods I
- STA4222 - Design of Sample Surveys
- PHY3722C - Electronics for Scientists
- POS3733 - Research Design for Political Scientists
- POS3734 - Research Analysis for Political Scientists
- POS4750 - Survey Research
- CAP4770 - Data Mining
- CAP3784 - Introduction to Data Analytics
- EME3364 - Research Methods in Learning Design and Technology
- PSY3213 - Research Methods in Psychology
- IDS3053 - Introduction to Interdisciplinary Inquiry
- PHI3084 - Philosophical Methods
- REL3102 - Religion as Culture
- MAR4613 - Marketing Research and Information

Communication and Outreach (3 Credits)

Earn at least 3 credits from the following:

- GEB3154 - Entrepreneurial Marketing
- MAR3023 - Principles of Marketing
- MAR4104 - Social and Ethical Issues in Marketing
- MAR4156 - International Marketing
- PGY4004 - History of Photography
- BSC3842 - Writing and Analytical Skills in Biology
- COM3120 - Organizational Communication
- COM3440 - Small Group Communication
- COM3752 - Listening
- COM4561 - Strategic Social Media
- MMC3342 - Content Creation Tools
- MMC4732 - Social Media Management
- ADV3812 - Integrated Marketing Communication
- SPC4064 - Public Speaking for Professionals
- PUR3100 - Public Relations Writing
- COM3042 - Communication in Relationships
- ENC3202 - Professional Communication for Business
- ENC4260 - Applied Technical Writing
- ENC4331 - Writing, Rhetoric, and Community
- ENC4403 - Grant Writing
- HUN4601C - Nutrition Education
- PET3473 - Communication in Sport
- TSL4520 - ESOL Cross-Cultural Communication
- LDR3003 - Introduction to Leadership
- CRW3211 - (GW) Creative Nonfiction Workshop
- MAR3702 - Principles of Digital Transformation in Business
- MAR4325 - Social Media Marketing Strategy
- MAR4231 - Retail Management
- MAR4333 - Integrated Marketing Communications Management

Additional Comments:

Environmental Principles & Practice Concentration Requirements (70 Credits)

Type

Completion Requirement

Prerequisites (28 credits)

Complete ALL of the following Courses:

- MAC1147 - (GM) Precalculus
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- BOT2010C - Botany
  OR BSC1011C - General Biology II
- STA2023 - (GM) Introductory Statistics
  OR
- ECO2023 - Principles of Microeconomics
  OR ECO2013 - Principles of Macroeconomics

Biology Prerequisite (4 Credits)

Complete ANY of the following Courses:

- BSC1005 - Principles of Biology
  AND BSC1005L - Principles of Biology Lab
- BSC1010C - General Biology I

General Chemistry II or Discovering How Things Work (4 Credits)

Complete ANY of the following Courses:

- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- PHY1020 - Discovering How Things Work
  AND PHY1020L - Discovering How Things Work Laboratory

Geography, Geology or Earth Science Option (3-4 Credits)

Complete ANY of the following Courses:

- GEO2200 - Physical Geography
- GLY2010 - Physical Geology
- ESC2000 - Discovering Earth Science

AND ESC2000L - Discovering Earth Science Lab

Environmental Natural Science (6 Credits)

Students are required to complete courses in each of the following Foundation Areas, adhering to the specified credit requirements.

The following additional courses may be available to students and can be applied to any Foundation Area below, depending on the topics covered. Approval is required.

EVR 3xxx: Environmental Independent Study (1-3 Credits)*

EVR 4xxx: Environmental Special Topics (3 Credits)*

EVR 4xxx: Environmental Study Abroad (3 Credits)*

EVR 3xxx: Environmental Directed Independent Research (3-9 Credits)*

*Courses pending state approval

Earn at least 6 credits from the following:

- BOT3151C - Local Flora
- BOT3712C - Plant Systematics and Evolution
- BOT4503C - Plant Anatomy and Physiology
- BSC3052 - Conservation Biology
- BSC3263 - Marine Biology
- BSC4054 - Environmental Toxicology
- FAS4354 - Coastal Fisheries Management
- OCB3108L - Field Studies in Marine Science
- OCE3008 - Oceanography
- BSC4921 - Biology Lecture Series
- BSC4930 - Selected Topics in Biology
- PCB3043C - Ecology
- PCB4301C - Limnology
- ZOO4208C - Coastal Invertebrate Biology
- ZOO4823C - General Entomology
- CHM3120 - Quantitative Analytical Chemistry
- CHM3120L - Quantitative Analytical Chemistry Laboratory
- CHM4130 - Modern Analytical Chemistry
- CHM4130L - Modern Analytical Chemistry Laboratory
- CHM4930 - Selected Topics in Chemistry
- CHM4910 - Chemical Research
- CHS4615 - Environmental Chemistry
- CHS4615L - Environmental Chemistry Lab
- CHM3260 - Advanced Organic Chemistry
- CHM3610 - Inorganic Chemistry
- PHY3101L - Modern Physics Laboratory
- PHY3101 - Modern Physics
- EVS3041 - Coastal Resilience and the Natural Environment
- BSC3057 - Introduction to Environmental Studies

Applied Environmental Science (6 Credits)

Earn at least 6 credits from the following:

- HSC3500 - Epidemiology
- HSC4181 - Alternative Healing
- HSC4210 - Environmental Health
- GEO3372 - Conservation of Natural Resources
- GIS3043 - Introduction to Geographic Information Systems
- GIS3250 - Geographic Information Systems for Biology
- GIS4024 - Aerial Surveillance and Mapping
- GIS4048 - Intermediate Geographic Information Systems
- CEG3011C - Geotechnical Engineering
- CEG4104 - Analysis and Design of Earth Retaining Systems
- CEG4302 - Applied Engineering Geology
- CGN3322C - Civil Engineering Geomatics
- CGN4430 - Risk Assessment
- CGN4824 - Principles of Land Development
- CWR4001 - Introduction to Coastal and Port Engineering
- CWR4006 - Coastal Processes
- CWR4009 - Oceanography/ Meteorology
- CWR4010 - Field Methods
- CWR4024 - Coastal & Estuarine Hydrodynamics
- CWR4600 - Major River Systems of Florida
- ENV3001C - Environmental Engineering
- ENV4012 - Advanced Environmental Engineering
- CWR4121 - Groundwater Flow and Containment Transport
- CWR4550 - Water Wave Mechanics
- TTE4004 - Transportation Engineering
- CAP4630 - Introduction to Artificial Intelligence
- BCN3223C - Soils and Foundations
- BCN3224 - Construction Techniques
- BCN3578 - Maritime Construction
- BCN3762 - Building Construction Design and Codes
- BCN4587C - Green Construction and Sustainability
- BCN4751C - Housing and Land Development
- BCN4302 - Building Information Modeling
- BCN4956 - Study Abroad in Construction Management
- EEL4283 - Introduction to Renewable Energy
- EML4622 - Clean and Renewable Energy Technology
- EVS3800 - Coastal Resilience and the Built Environment
- SCM4155 - Supply Chain Management
- TRA3035 - Foundations of Transportation

Environmental Social Sciences (18 Credits)

Earn at least 18 credits from the following:

- FSS3800 - Seminar in Food Systems and Sustainability
- HSC3578 - Food, Health and Society
- HSC3032 - Foundations of Public Health
- HSC4624 - Global Health
- HSC4674 - Global Health: Water, Sanitation and Hygiene
- ECP3302 - Environmental Economics
- ECP3613 - Urban Economics
- ECS3013 - Economic Development
- GEA3405 - Geography of Latin America and the Caribbean
- GEO3502 - Economic Geography
- GEO3553 - Cultural Dimensions of Economic Geography
- TRA3035 - Foundations of Transportation
- AMH3420 - Florida History
- AMH3630 - Environmental History of the United States
- HIS3402 - Urban Environmental History and Sustainability
- PHI3640 - Environmental Ethics
- REL3168 - Religion and Nature
- PSY4870 - Conservation Psychology
- INR3443 - International Law and Organization
- INR4703 - International Political Economy
- ANT4020 - Humans, Animals, and Culture
- SYD3410 - Urban Sociology
- SYD4510 - Environment and Society
- BCN3012 - History and Introduction to Construction
- LEI3004 - Introduction to Recreation, Tourism, and Events
- LEI3266 - Outdoor Adventure Education
- LEI3341 - Commercial Recreation and Tourism
- EVR3356 - Coastal Resilience and the Social and Behavioral Environment
- SOP3004 - Social Psychology
- EXP3412 - Learning Theory
- HSC4602 - Animal Assisted Services for Health and Wellness
- CPO4034 - Politics of Developing Countries

- INR3016 - Global Issues in Contemporary Politics
- POS4038 - Climate Change Policy and Environmental Security

Research Design & Methodology (6 Credits)

Earn at least 6 credits from the following:

- HUN3800 - Nutrition Science Research and Ethics
- PHC4468 - Health Disparities through Data Analytics
- ECO3411 - Business and Economic Statistics
- MAR4615 - Introduction to Marketing Analytics
- STA4202 - (GM) Design of Experiments
- STA3163 - (GM) Statistical Methods I
- STA4222 - Design of Sample Surveys
- PHY3722C - Electronics for Scientists
- POS3733 - Research Design for Political Scientists
- POS3734 - Research Analysis for Political Scientists
- POS4750 - Survey Research
- CAP4770 - Data Mining
- CAP3784 - Introduction to Data Analytics
- EME3364 - Research Methods in Learning Design and Technology
- PSY3213 - Research Methods in Psychology
- IDS3053 - Introduction to Interdisciplinary Inquiry
- PHI3084 - Philosophical Methods
- REL3102 - Religion as Culture
- MAR4613 - Marketing Research and Information

Communication and Outreach (6 Credits)

Earn at least 6 credits from the following:

- GEB3154 - Entrepreneurial Marketing
- MAR3023 - Principles of Marketing
- MAR4104 - Social and Ethical Issues in Marketing
- MAR4156 - International Marketing
- PGY4004 - History of Photography
- BSC3842 - Writing and Analytical Skills in Biology
- COM3120 - Organizational Communication
- COM3440 - Small Group Communication
- COM3752 - Listening
- COM4561 - Strategic Social Media
- MMC3342 - Content Creation Tools
- MMC4732 - Social Media Management
- ADV3812 - Integrated Marketing Communication
- SPC4064 - Public Speaking for Professionals
- PUR3100 - Public Relations Writing
- COM3042 - Communication in Relationships
- ENC3202 - Professional Communication for Business
- ENC4260 - Applied Technical Writing
- ENC4331 - Writing, Rhetoric, and Community
- ENC4403 - Grant Writing
- HUN4601C - Nutrition Education
- PET3473 - Communication in Sport
- TSL4520 - ESOL Cross-Cultural Communication
- LDR3003 - Introduction to Leadership
- CRW3211 - (GW) Creative Nonfiction Workshop
- MAR3702 - Principles of Digital Transformation in Business
- MAR4325 - Social Media Marketing Strategy
- MAR4231 - Retail Management
- MAR4333 - Integrated Marketing Communications Management

Additional Comments:

Program Details

Description
Environmental Science

Code
EVS

Financial Analytics, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Financial Analytics (12 credits)
Type
Completion Requirement

Certificate Requirements

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Students apply for the certificate program through the Graduate School and must meet admission requirements. Please see the Graduate Certificate Programs page for more information.

Students must obtain a GPA of 4.0 in the four courses to earn the certificate. Graduate students need to complete at least one of the four courses on the graduate level. However, if a student has previously taken FIN4560, FIN4561, FIN4453 or FIN4540 on the undergraduate level at UNF, they can count up to three of these courses towards the graduate certificate. Under no circumstances can a student earn both the undergraduate and the graduate Certificate of Financial Analytics.

Complete ALL of the following Courses:

- FIN6545 - Fixed Income Analysis
- FIN6455 - Financial Modeling
- FIN6565 - Student Managed Investment Fund I
- FIN6566 - Student Managed Investment Fund II

Additional Comments:

Program Details

Description
Financial Analytics Cert-Grad

Code
FAC

Financial Analytics, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Financial Analytics (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may only enroll in the certificate in conjunction with a degree-seeking program. Please see the Undergraduate Certificate Programs page for more information.

Students are able to obtain the Financial Analytics Certificate only if they are admitted to the courses that require an interview. Admission to FIN 4560, FIN 4561, FIN 4540 & FIN 4453 is subject to interview with instructor. Students must also obtain a GPA of 4.0 in the four required courses to earn the certificate.

Complete ALL of the following Courses:

- FIN4453 - Financial Modeling
- FIN4540 - Fixed Income Analysis
- FIN4560 - Student Managed Investment Fund I
- FIN4561 - Student Managed Investment Fund II

Additional Comments:

Program Details

Description
Financial Analytics Cert.

Code
FAN

Fine Arts, BFA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Shared Prerequisites (18 credits)
Type
Completion Requirement

Shared Prerequisites

Grades of C or above are required in all prerequisite courses.
Note: Students should continually take art history courses with other art courses to properly prepare for the major.

Complete ALL of the following Courses:

- ARH2050 - Art History Survey I
- ARH2051 - Art History Survey II
- ART1201C - Two-Dimensional Design
- ART2203C - Three-Dimensional Design
- ART1300C - Drawing I
- ART2301C - Drawing II

Additional Comments:

Painting and Drawing Concentration Requirements (60 credits)
Type
Completion Requirement

Concentration Specific Prerequisites (6 credits)

Grades of C or above are required in all prerequisite courses.
Note: Students should continually take art history courses with other art courses to properly prepare for the major.

Complete ALL of the following Courses:

- ART2400C - Introduction to Printmaking
  OR PGY2401C - Basic Black and White Film Photography 1
- ART3707C - Sculpture I
  OR ART3786C - Ceramics

Major Requirements (12 credits)

Prerequisite Policy: Courses must be taken in prerequisite order. Please check the catalog course descriptions for prerequisites required for each course prior to registering. Prerequisites are strictly enforced by the department and registrar. First-day attendance rule: Any student who misses the first day without advanced notice to the instructor will be administratively withdrawn from that course.
Grades of C or above are required in all major courses.

Complete ALL of the following Courses:

- ART4965C - Professional Practices
- ART3830 - Curatorial Practices
  OR ART4935 - Seminar
  OR PHI3800 - Aesthetics

And SELECT 2 Art History Courses:
ARH 3000/4000 (3 credits)
ARH 3000/4000 (3 credits)

Art Department highly recommends taking Professional Practices in your final year.

Concentration Requirements (27 credits)

Grades of C or above are required in all major courses.

Complete ALL of the following Courses:

- ART2330C - Figure Drawing I
- ART2500C - Painting I
- ART3530C - Painting II
- ART3317C - Drawing Studio
- ART3504C - Painting III
- ART3560C - Figurative Painting
- ART4805 - Painting and Drawing Research
- ART4929C - Senior Project

Two semesters of ART4929C (a 3-credit course) are required. Art Department highly recommends taking Senior Project in the final year.

Major Electives (15 credits)

Grades of C or above are required in all major elective courses.

SELECT 5 FINE ART COURSES ART/PGY
(3000/4000) 1 course may be at the 2000 level. Maximum of 2 courses in your concentration.

Additional Comments:

Photography Concentration Requirements (63 credits)
Type
Completion Requirement

Concentration Specific Prerequisites (6 credits)

Grades of C or above are required in all prerequisite courses.
Note: Students should continually take art history courses with other art courses to properly prepare for the major.

SELECT 2 INTRO MEDIA COURSES (6 Credits Total)
ART (1000/2000)

Major Requirements (12 credits)

Complete ALL of the following Courses:

- ART4965C - Professional Practices
- ART4935 - Seminar
  OR PHI3800 - Aesthetics
  OR ART3830 - Curatorial Practices

And SELECT TWO ARH COURSES (3000/4000) (6 Credits)

Concentration Requirements (39 credits)

Prerequisites policy: Courses must be taken in requisite order. Check the catalog course descriptions for required prerequisites before registering. Prerequisites are required and are enforced by the faculty and registrar. First day attendance rule: Any student who misses the first day without advanced notice to the department chairperson will be administratively withdrawn from that course. All major requirements and major electives must be completed with grades of C or above.

Complete ALL of the following Courses:

- PGY2810C - Intro to Digital Imaging
- PGY2401C - Basic Black and White Film Photography 1
- PGY4004 - History of Photography
- PGY3410C - Black and White Film Photography 2
- PGY3824C - Contemporary Photographic Imaging
- PGY4944C - Advanced Photography Practicum
- PGY4205C - Studio Fundamentals
- PGY4443C - Alternative Photographic Processes
- PGY4218C - Advanced Studio Practice
- PGY4476C - Photography Portfolio

Note: Photo Practicum is repeated four times under revolving content for 12 total credits.

Major Electives (6 credits)

A grade of C or above is required in all major elective courses.

SELECT TWO FINE ART COURSES (ART/PGY)
One course may be at the 2000 level. One course must be 3000/4000 Level. Maximum of one course in your concentration.

Acceptable substitutes: FIL3363 Documentary Production (3 Credits) or FIL4379 Advanced Documentary Production (3 Credits).

Additional Comments:

Ceramics Concentration Requirements (60 credits)
Type
Completion Requirement

Concentration Specific Prerequisites (6 credits)

Complete ALL of the following Courses:

- ART2400C - Introduction to Printmaking
  OR PGY2401C - Basic Black and White Film Photography 1
  OR ART2500C - Painting I
  OR ART2605C - Basic Computer Images
- ART3707C - Sculpture I

Major Requirements (12 credits)

Prerequisite Policy: Courses must be taken in prerequisite order. Please check the catalog course description section for prerequisites required for each course prior to registering. Prerequisites are strictly enforced by the department and registrar. First-day attendance rule: Any student who misses the first day without advanced notice to the instructor will be administratively withdrawn from that course. Grades of C or above are required in all major courses.

Complete ALL of the following Courses:

- ART4965C - Professional Practices
- ART4935 - Seminar
  OR PHI3800 - Aesthetics
  OR ART3830 - Curatorial Practices

And SELECT 2 ARH COURSES (3000/4000) (6 credits)

Art Department highly recommends taking Professional Practices in your final semester.

Concentration Requirements (27 credits)

Complete ALL of the following Courses:

- ART3786C - Ceramics
- ART3765C - Intermediate Ceramics
- ART4788C - Ceramic Aesthetic
- ART4768C - Advanced Ceramics
- ART4929C - Senior Project

ART3786C - Repeatable for a maximum of 6 credits
ART3765C - Repeatable for a maximum of 9 credits
ART4768C - Repeatable for a maximum of 9 credits

Art Department highly recommends taking Senior Project in your final semester.Art Department highly recommends taking Senior Project in your final semester.

Major Electives (15 credits)

Grades of C or above required in all major elective courses. Please refer to the course description for repeatability information.

SELECT 5 FINE ART COURSES ART/PGY
1 course may be at the 2000 level. Maximum of 2 courses in your concentration.

Additional Comments:

Sculpture Concentration Requirements (60 credits)
Type
Completion Requirement

Concentration Specific Prerequisites (6 credits)

Complete ALL of the following Courses:

- ART2400C - Introduction to Printmaking
  OR PGY2401C - Basic Black and White Film Photography 1
  OR ART2500C - Painting I
  OR ART2605C - Basic Computer Images
- ART3786C - Ceramics

Major Requirements (12 credits)

Prerequisite Policy: Courses must be taken in prerequisite order. Please check the catalog course description section for the prerequisites required for each course prior to registering. Prerequisites are strictly enforced by the department and registrar. First-day attendance rule: Any student who misses the first day without advanced notice to the instructor will be administratively withdrawn from that course. Grades of C or above are required in all major courses.

Complete ALL of the following Courses:

- ART4965C - Professional Practices
- ART4935 - Seminar
  OR PHI3800 - Aesthetics
  OR ART3830 - Curatorial Practices

And SELECT 2 ART HIST (ARH) COURSES (3000/4000) (6 Credits)

Concentration Requirements (27 credits)

Complete ALL of the following Courses:

- ART3707C - Sculpture I
- ART3709C - Sculpture II
- ART4710C - Sculpture III
- ART4736C - Sculpture: Enlivened Spaces
- ART3714C - Sculpture: Casting
- ART4929C - Senior Project

ART4642C: Digital Fabrication (3 Credits)*

*Course pending state approval

ART4710C - Repeatable for a maximum of 9 credits
ART4736C - Repeatable for a maximum of 9 credits
ART3714C - Repeatable for a maximum of 9 credits

Art Department highly recommends taking this course, along with ART4965C in the final semester.

Major Electives (15 credits)

Grades of C or above are required in all major elective courses. Please refer to the course description for repeatability information.

SELECT 5 FINE ART COURSES ART/PGY (3000/4000)
1 course may be at the 2000 level. Maximum of 2 courses in your concentration.

Additional Comments:

Printmaking Concentration Requirements (60 credits)
Type
Completion Requirement

Concentration Specific Prerequisites (6 credits)

Complete ALL of the following Courses:

- ART2400C - Introduction to Printmaking
  OR PGY2401C - Basic Black and White Film Photography 1
- ART3707C - Sculpture I
  OR ART3786C - Ceramics

Major Requirements (12 credits)

Prerequisite policy: Courses must be taken in prerequisite order. Please check the catalog course descriptions for prerequisites required for each course prior to registering. Prerequisites are strictly enforced by the department and registrar. First day attendance rule: Any student who misses the first day without advanced notice to the instructor will be administratively withdrawn from that course. Grades of C or above required in all major courses.

Complete ALL of the following Courses:

- ART4965C - Professional Practices
- ART3830 - Curatorial Practices
  OR ART4935 - Seminar
  OR PHI3800 - Aesthetics

And SELECT 2 Art History Courses ARH 3000/4000 (3 credits)

Concentration Requirements - Required (18 credits)

Grades of C or above required in all major courses.

Complete ALL of the following Courses:

- ART2400C - Introduction to Printmaking
- ART3420C - Lithography Printmaking I
- ART3442C - Intaglio Printmaking I
- ART3433C - Screenprint I
- ART3443C - Relief Printmaking I
- ART4929C - Senior Project

Art Department highly recommends taking this course in the final semester. Repeatable for a maximum of 6 credits.

Concentration Requirements - Electives (9 credits)

Complete at least 3 of the following courses:

- ART4929C - Senior Project
- ART4421C - Lithography Printmaking II
- ART4444C - Intaglio Printmaking II
- ART4434C - Screenprint II
- ART4445C - Relief Printmaking II
- ART3930 - Special Topics in Art

Note: Only Printmaking Special Topics will be considered.

Major Electives (15 credits)

Grades of C or above required in all major elective courses.

SELECT 5 FINE ART COURSES ART/PGY
(3000/4000) 1 course may be at the 2000 level. Maximum of 2 courses in your concentration.

Additional Comments:

Program Details

Description
Fine Arts

Code
FAR

Photography, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Photography (18 credits)
Type
Completion Requirement

Minor Required Courses

A minimum of 50% of the courses required for any fine arts minor must be taken at UNF. A minimum of 12 semester hours of upper level courses is required for the photography minor. A grade of C or better is required for all minor courses. Courses used in the art major may not be duplicated in any of the art minors. Instead substitute courses will be required. Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken at the same time. Written permission from the department chair is required to override either of these policies.

Complete ALL of the following Courses:

- PGY2401C - Basic Black and White Film Photography 1
- PGY3410C - Black and White Film Photography 2
- PGY2810C - Intro to Digital Imaging
- PGY4004 - History of Photography

Minor Electives

Select 2 PGY 3000-4000 Level Courses
May require additional pre-requisites and/or permission from instructor.

Additional Comments:

Program Details

Description
Photography

Code
FAR7

Ceramics, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Ceramics (18 credits)
Type
Completion Requirement

Minor Required Courses

A minimum of 50% of the courses required for any fine arts minor must be taken at UNF. Courses taken with lower-level numbers may be used as part of the minor, but a minimum of 9 semester hours in upper-level courses is required for all minors. Courses used in the art major may not be duplicated in any of the minors. Instead, substitute courses will be required. Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken at the same time. Written permission from the department chair is required to override either of these policies.

Complete ALL of the following Courses:

- ART3786C - Ceramics
- ART2203C - Three-Dimensional Design

BFA Majors may choose substitutions for ART 2203C from the list of art electives.

Minor Electives

Non-Art majors must take 1 elective course. Art majors must take 2 elective courses.

Complete at least 1 of the following courses:

- ART3707C - Sculpture I
- ART1300C - Drawing I
- ART3786C - Ceramics
- ART3765C - Intermediate Ceramics
- ART1201C - Two-Dimensional Design
- PGY2401C - Basic Black and White Film Photography 1
- ART2500C - Painting I
- ART2400C - Introduction to Printmaking

Non-Art Majors Additional Requirement

Complete at least 1 of the following courses:

- ARH3453 - Post War Art: 1940-1980
- ARH3475 - Contemporary Art: 1980 to Present

Advanced Minor Requirement

Earn at least 6 credits from the following:

- ART3765C - Intermediate Ceramics
- ART4768C - Advanced Ceramics

ART4768C is repeatable once.

Additional Comments:

Program Details

Description
Ceramics

Code
FAR9

French and Francophone Studies, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (9 credits)
Type
Completion Requirement

Core Requirements

Grades of C or above are required in all major courses.

Note: Students should select their first FRE or FRW course according to placement test results and departmental recommendation. Please contact the Department of Languages, Literatures, and Cultures about course placement and retroactive credit.

Complete ALL of the following Courses:

- FRE2240 - (FC) Intermediate French I
- FRE2241 - (FC) Intermediate French II

FOT3000: Career Pathways in Language and Culture Study (3 Credits)*

*Course pending state approval

Students who place out of FRE2240 Intermediate French I and FRE2241 Intermediate French II may waive FRE2240 and/or FRE2241; substitute any FRE, FRW, or French-language FOL electives at the 3000 level or above; or apply for retroactive credit.

Additional Comments:

Major Requirements (9 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- FRE3283 - (FC) French Listening and Speaking Skills
- FRE3300 - (FC) French Grammar and Composition
- FRE3350 - (FC) Readings in French Literature and Culture

Additional Comments:

Major Electives (18 credits)
Type
Completion Requirement

Major Elective Course Options

Complete at least 6 of the following courses:

- FOL3953 - (FC) Advanced Foreign Language Study Abroad
- FRE3350 - (FC) Readings in French Literature and Culture
- FRE3502 - (FC) French and Francophone Cultures
- FRT3800 - French Translation Techniques
- FRE4402 - (FC) Advanced French Conversation
- FRE4501 - (FC) France Today
- FRE4905 - (FC) Directed Independent Study in French
- FRE4930 - (FC) Special Topics in French Culture
- FRE4940 - (FC) Internship for Service/Employment in French

Major Electives Taught in English

Students may include among their six major elective courses up to 1 of the following courses taught in English by the Department of Languages, Literatures, and Cultures (each of which counts for 3 credits)

Complete ANY of the following Courses:

- FIL4822 - French Cinema
- FRT3560 - (FC) Food and Culture in France
- FRT3550 - (FC) Faces of France
- FOT3931 - (FC) Studies in Foreign Culture

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
All courses with the FRE, FRW, and FOL prefixes count toward the Foreign Language / Foreign Cultures requirements. This B.A. graduation requirement is built into the French and Francophone Studies major coursework, so French and Francophone Majors will not require additional courses to exceed this requirement.

Program Details

Description
French and Francophone Studies

Code
FFS

Film, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Film (15 credits)
Type
Completion Requirement

Minor Required Courses

A grade of C or better is required in all minor courses. Courses cannot double count in both a major and minor.

Complete ALL of the following Courses:

- LIT3213 - The Art of Critical Reading and Writing I
  OR FIL3006 - Analyzing Films
  OR FIL3801 - Film Terms
- FIL3826 - Movements in American Film
  OR FIL4828 - Movements in International Film

Minor Electives

Complete at least 3 of the following courses:

- FIL3801 - Film Terms
- FIL3826 - Movements in American Film
- FIL3930 - Topics in Film
- FIL4822 - French Cinema
- FIL4828 - Movements in International Film
- FIL4848 - World Cinema and the Cross-Cultural Encounter
- FIL4300 - Documentary Studies
- FIL3006 - Analyzing Films
- PHI3880 - Philosophy of Film
- FIL4882 - Cinema and Culture
- LIT3213 - The Art of Critical Reading and Writing I
- LAH3736 - (FC) Modern Latin American History Through Film
- FIL3833 - Film Genre
- FIL4839 - Film Noir
- FIL3832 - Horror Films
- FIL4843 - Asian Cinema
- FIL3831 - Black Cinema
- FIL4075 - American Film in Context: 1950s--1960s
- FIL4073 - American Film in Context: 1970s
- FIL4078 - American Film in Context: 1980s
- FIL4935 - Advanced Topics in Film
- CRW3610 - (GW) Screenwriting Workshop
- CRW4924 - Advanced Creative Writing Workshop
- FIL3363 - Documentary Production
- FIL4379 - Advanced Documentary Production
- FIL4361 - Audio Documentary and Podcasting
- FIL4900 - Directed Independent Study in Film
- FIL4945 - Internship in Film Production

Additional Comments:

Program Details

Description
Film

Code
FIL

Finance, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" of better is required in all core courses.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Additional Comments:
Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

Grade of "C" or better required for all courses in this area

Complete ALL of the following Courses:

- FIN3303 - Financial Markets and Institutions
- FIN4504 - Investments
- FIN4604 - International Finance
- ISM4011 - Introduction to Management Information Systems

Additional Comments:

Major Electives (18 credits)
Type
Completion Requirement

Major Electives

At least 6 credits must have the FIN prefix.

Complete ANY of the following Courses:

- ACG3103 - Intermediate Accounting Problems and Concepts I
- ACG4361 - Cost Accounting

Or FIN (3000 to 4000 level) - FIN 3140 is excluded.
Or REE (3000 to 4000 level)
Or RMI (3000 to 4000 level)

Additional Comments:

Students can consider focusing their electives into one of the below areas of interest:

- Corporate

FIN4414 Financial Management II
ACG 3103 Intermediate Accounting I
ACG 4361 Cost Accounting
FIN4461 Financial Statement Analysis
RMI4135 Employee Benefit Plans
Plus one additional FIN, REE or RMI elective

- Investment

FIN4514 Security Analysis/Portfolio Mgmt
FIN4556 Behavioral Finance
FIN4461 Financial Statement Anaylsis
REE4043 Real Estate Analysis
FIN4533 Derivatives
Plus one additional FIN, REE or RMI elective

- Real Estate

REE4043 Real Estate Analysis
REE4303 Real Estate Finance/Investment
Plus two FIN electives
Plus two FIN, REE or RMI electives

Required Business (6 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ECO3203 - Intermediate Macroeconomics
- ECO3411 - Business and Economic Statistics

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Non-Business Requirements

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

AND one cultural diversity course. The Cultural Diversity course should be chosen from the list on the Coggin Advising website.

Additional Comments:

Program Details

Description
Finance

Code
FIN

Finance, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Finance (36 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available to all majors where allowed. In addition to the prerequisites, 15 semester hours are required, 9 of which must be taken at UNF. A grade or "C" or better is required. Transient/concurrent enrollment at other institutions is not permitted.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- STA2023 - (GM) Introductory Statistics
- MAC2233 - (GM) Calculus for Business
- FIN3303 - Financial Markets and Institutions
- FIN3403 - Financial Management
- FIN4504 - Investments

Minor Electives

Complete at least 2 of the following courses:

- RMI4135 - Employee Benefit Plans
- RMI3011 - Risk Management and Insurance
- ACG4944 - Small Business Counseling
- ECO4223 - Monetary Economics
- TAX3721 - Tax Planning in Financial Decisions

Or select from 3000-4000 level courses with the following prefixes: FIN / REE

(Accounting Majors may not use TAX 3721. Financial Services Majors may not use FIN 3140.)

Additional Comments:

Program Details

Description
Finance

Code
FIN

Fitness Management, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Fitness Management (12 credits)
Type
Completion Requirement

Minor Required Courses

Complete ALL of the following Courses:

- PET3768C - Practical Skills in Exercise Instruction
- PET4416 - Theory and Practice of Fitness Management
- SPM3104 - Sport & Entertainment Facility Management

Minor Electives

Courses cannot be repeated.

Earn at least 3 credits from the following:

- PEL1121 - Golf
- PEL1621 - Basketball
- PEM1104 - Physical Conditioning
- PEM1131 - Weight Training
- PEL2905 - Selected Sports Activities: Variable Title

Additional Comments:

Program Details

Description
Fitness Management

Code
FIT

Financial Planning, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required for all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Additional Comments:
Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

Major Requirements (30 credits)
Type
Completion Requirement

Major Requirements

A grade of "C" or better is required in all major courses. There are no substitutions allowed for FIN4504, FIN4514, FIN4132, FIN4128, RMI3011, & RMI4135. TAX3001 may be substituted for TAX3721.

It is important to follow your Osprey Map for course sequencing of your Financial Planning major courses. FIN4556 Behavioral Finance should not be planned to take in the same semester as FIN4132 or FIN4128 as there will likely be a time conflict.

Complete ALL of the following Courses:

- FIN3124 - Financial Planning
- FIN4504 - Investments
- MAR4400 - Professional Selling
- TAX3721 - Tax Planning in Financial Decisions
- FIN4514 - Securities Analysis and Portfolio Management
- RMI4135 - Employee Benefit Plans
- RMI3011 - Risk Management and Insurance
- FIN4132 - Estate Planning
- FIN4128 - Financial Planning Process and Development
- FIN4556 - Behavioral Finance
  OR FIN4940 - Financial Planning Internship

Additional Comments:

Required Business (6 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ECO3203 - Intermediate Macroeconomics
- ECO3411 - Business and Economic Statistics

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Non-Business Requirements

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

AND one cultural diversity course. The Cultural Diversity course should be chosen from the list on the Coggin Advising website.

Additional Comments:

Program Details

Description
Financial Planning

Code
FPL

French, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: French (15 credits)
Type
Completion Requirement

Minor Required Courses

The French minor consists of 15 credit hours above the beginning level: Intermediate French I, Intermediate French II, and 3 additional 3000 or 4000 level French electives (prefixes FRE, FRW, and FOL). Students who place at the 3000 level on the department's computerized placement test may apply for retroactive credit for Intermediate French I and Intermediate French II (see policy on Placement and Retroactive Credit). At least 3 upper-level courses (9 semester hours) must be completed at UNF. A grade of C or better is required for all minor courses. Native/ Heritage speakers of French must first consult with a member of the French faculty or the chair of Languages, Literatures and Cultures for appropriate courses to take as French electives.

Select 5 Courses Taught in French

Additional Comments:

Program Details

Description
French

Code
FRN

Food Systems and Sustainability, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Food Systems & Sustainability (15 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available to all majors if allowable by the college.

Complete ALL of the following Courses:

- FSS1202 - Food Fundamentals
- HUN2201 - Basic Principles of Human Nutrition
- HSC3578 - Food, Health and Society
- FSS3800 - Seminar in Food Systems and Sustainability

Minor Electives

Complete ANY of the following Courses:

- DIE4940 - Nutrition and Diet Field Experience

or Approved Study Abroad course

Additional Comments:

Program Details

Description
Food Systems & Sustainability

Code
FSS

FinTech, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (9 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- CAP6768 - Data Analytics
- ISM6419 - Data Visualization
- ISM6404 - Applications of Business Analytics

Additional Comments:

Major Requirements (21 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- CAI6706 - AI and Machine Learning in Finance
- FIN6314 - Banking and FinTech
- FIN6406 - Advanced Financial Management
- FIN6779 - FinTech Practicum
- FIN6796 - Advanced FinTech
- FIN6515 - Investments
- FIN6778 - Foundations of FinTech

Additional Comments:

Program Details

Description
FinTech

Code
FTC

Graphic Design, BFA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- ART1300C - Drawing I
- ART2301C - Drawing II
- ART1201C - Two-Dimensional Design
- ART1600C - Digital Imaging Methods
- ARH2050 - Art History Survey I
- GRA2190C - Graphic Design: Principles
- GRA2208C - Type Visualization

Additional Comments:

Core Requirements (12 credits)
Type
Completion Requirement

Core Requirements

Must be completed with a grade of C or higher

Complete ALL of the following Courses:

- ARH2051 - Art History Survey II
- GRA2160C - Graphic Design: Process and Methods
- GRA2110C - Graphic Design: Creativity and Critique
- GRA2108 - Graphic Design History

Additional Comments:

Major Requirements (27 credits)
Type
Completion Requirement

Major Requirements

Grades of C or above required in all major requirements and major electives. Students may not enroll in 3000/4000 level major requirements or major electives until after they have successfully completed the portfolio review and been selected for the major.

Complete ALL of the following Courses:

- GRA3523C - User Interface and Interaction Design
- GRA3155C - Graphic Symbols and Semiotics
- GRA3192C - Type Communication
- GRA3512C - Visual Identity
- GRA3139C - Time-Based Media
- GRA4886C - Visual Systems
- GRA4423 - Graphic Design Professional Practices
- GRA4189C - Graphic Design Portfolio

AND Select 1 ART 3000/4000 level course (3 credits)

Additional Comments:

Major Electives (18 Credits)
Type
Completion Requirement

GRA 3000-4000 Electives (9 Credits)

Must be completed with a grade of C or higher. Prerequisites must be met for upper level classes.

Complete at least 3 of the following courses:

- GRA3118C - Publication Design
- GRA3174C - Poster Design
- GRA3183C - Typography Studio
- GRA3833C - Motion Graphics
- GRA3880C - Illustration
- GRA3955 - Design on Site
- GRA4119C - Package Design
- GRA4137C - Advanced Web Design
- GRA4154C - Advanced Illustration
- GRA4179C - Social Design
- GRA4186C - Senior Design Studio
- GRA4513C - Product Promotion
- GRA4884C - Advanced Motion Graphics
- GRA4915 - Directed Individual Study
- GRA4940 - Internship in Graphic Design
- GRA4930C - Advanced Graphic Design Practicum

Additional Electives (9 Credits)

Must be completed with a grade of C or higher. Prerequisites must be met for upper level classes.

Select 3 3000-4000 Level Electives

Select 3 Upper-Level courses from the following prefixes: ART, ARH, PGY for a total of 9 credit hours. Students may substitute additional GRA Electives with department permission.

Additional Comments:

Program Details

Description
Graphic Design

Code
GDS

Gender Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Gender Studies (15 credits)
Type
Completion Requirement

Minor Required Courses

No more than 6 semester hours, or 2 courses, may be transferred in to satisfy minor course requirements. No more than 3 semester hours, or 1 course, of classes carrying lower division numbers may be used to satisfy any minor requirement. A grade of C or better must be earned in each minor course.

Complete ALL of the following Courses:

- SYD3800 - Gender and Society

Minor Electives

Complete at least 4 of the following courses:

- SOP3742 - Psychology of Women
- CCJ4663 - Women and Crime
- LIT4930 - Special Topics in Literature
- ASN3106 - (FC) Women and Gender in East Asia
- SYA4930 - Special Topics in Sociology
- AML3621 - (GW) Black American Literature
- POS4932 - Special Topics in Political Science and Public Administration
- REL3146 - Sex and God
- SYO3110 - Sociology of Sexualities

Additional Comments:

Program Details

Description
Gender Studies

Code
GEN

Global Health, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Global Health (12 credits)
Type
Completion Requirement

Certificate Required Course

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Note: Students who completed any of the cross-listed course options at the undergraduate level may not take the same course at the graduate level for credit toward the graduate Global Health Certificate (i.e. HSC4624 Global Health, HSC4670 Global Sexuality & Reproductive Health, HSC4674 Global Health: Water, Sanitation, and Hygiene, HSC4931 Global Immigrant and Refugee Health).

Complete at least 1 of the following courses:

- HSC6625 - Global Health
  OR HUN7548 - Nutrition for Global Health
  OR NGR6894 - Global Health Care and Culture

Certificate Electives

A study abroad course is strongly encouraged:

Complete at least 3 of the following courses:

- DIE6906 - Dietetics Independent Study and Research
- DIE6912 - Projects in Nutrition and Dietetics
- DIE6931 - Special Topics in Dietetics
- HSA6958 - Study Abroad: Healthcare
- HSC6165 - Global Sexuality and Reproductive Health
- HSC6625 - Global Health
- HSC6675 - Global Health: Water, Sanitation and Hygiene
- HSC6931 - Special Topics
- HUN6123 - Sociocultural Influences on Nutrition
- HUN7548 - Nutrition for Global Health
- NGR5931 - Special Topics in Nursing
- NGR6894 - Global Health Care and Culture
- Other courses with the approval of the Program Director

Additional Comments:

Program Details

Description
Global Health Certificate

Code
GHC

Global Health, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Global Health (12 credits)
Type
Completion Requirement

Minor Required Courses

All minor courses must be taken at UNF.

Complete ALL of the following Courses:

- HSC4624 - Global Health

Minor Electives

Complete at least 3 of the following courses:

- DIE4931 - Nutrition Trends/Leadership
- HSC3578 - Food, Health and Society
- HSC4674 - Global Health: Water, Sanitation and Hygiene
- HSC4670 - Global Sexuality and Reproductive Health
- HSC4931 - Special Topics

Or any other approved Brooks College of Health study abroad course
Or other courses with approval of Program Director

Additional Comments:

Program Details

Description
Global Health

Code
GHM

GIS and Economic Geography, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: GIS and Economic Geography (15 credits)
Type
Completion Requirement

Minor Required Courses

Student must take a minimum of 12 hours of course work in Geography at UNF. A grade of "C" or better is required in all minor courses, including any pre-requisites. This minor is available to any UNF major where allowable - see your academic advisor.

Complete ALL of the following Courses:

- GEO3502 - Economic Geography
- GIS3043 - Introduction to Geographic Information Systems
- GIS4048 - Intermediate Geographic Information Systems

Minor Electives

Complete at least 2 of the following courses:

- GEO2200 - Physical Geography
- GEO2420 - Cultural Geography
- GEO3372 - Conservation of Natural Resources
- GEA3405 - Geography of Latin America and the Caribbean
- GEO3553 - Cultural Dimensions of Economic Geography
- GEO4905 - Directed Independent Study
- GEO4930 - Special Topics in Geography
- GEO4956 - Study Abroad in Geography

Additional Comments:

Program Details

Description
GIS and Economic Geography

Code
GIS

GlobalMBA, MBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:

- All students must be fully admitted into the GlobalMBA
- Students must earn a cumulative GPA of 3.0 or higher in order to graduate.
- Students must successfully complete all requirements for both degrees in order to earn either degree.
- Students must meet the thesis requirement in order to complete this program
- Students earn an M.B.A. & an M.A. in International Management and Intercultural Communication

Semester in Germany (15 credits)
Type

Completion Requirement

Cologne University of Applied Sciences - Cologne, Germany

Complete ALL of the following courses:
ACG6305X International Mgmt Accounting (3 credits)
ECO6415X Decisions with Data (3 credits)
ECP6705X Global Economic/Thesis Seminar (3 credits)
MAN6101X Intercultural Communication (3 credits)
MAN6102X Applied Intcult Comm Germany (2 credits)
MAN6111X Business Environment Germany (1 credits)

Additional Comments:

Semester in Poland (18 credits)
Type
Completion Requirement

Warsaw University - Warsaw, Poland

Complete ALL of the following courses:
FIN6406X Advanced Financial Management (3 credits)
ISM6021X Mgmt Information Systems (3 credits)
MAN6202X Applied Intcult Comm Poland (2 credits)
MAN6204X Organizational Theory (3 credits)
MAN6211X Business Environment Poland (1 credits)
MAN6305X Human Resource Management (3 credits)
MAN6601X International Management (3 credits)

Additional Comments:

Semester in South Korea (6 credits)
Type
Completion Requirement

Kyungpook National University - Daegu, South Korea

Complete ALL of the following courses:
FIN6605X International Finance (3 credits)
MAN6302X Applied Intercultural Communication (1 credit)
MAN6311X Business Environment (2 credits)

Additional Comments:

Semester at UNF (12 credits)
Type
Completion Requirement

University of North Florida - Jacksonville, Florida

Complete ALL of the following Courses:

- MAN6501 - Modeling and Management of Operations
- MAN6656 - Business Environment: United States
- MAN6666 - Applied Intercultural Communication: United States
- MAN6726 - Advanced Strategic Management
- MAR6158 - International Marketing

Additional Comments:

Program Details

Description
GlobalMBA

Code
GMB

TESOL, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: TESOL (9 Credits)
Type
Completion Requirement

Certificate Required Courses

Complete ALL of the following Courses:

- TSL6345 - Methods of Teaching in ESOL and Bilingual Settings
- TSL6254 - Applied Linguistics and Grammar for Educators
- TSL6325 - TESOL Methods: Content Instruction

Additional Comments:

Program Details

Description
Graduate TESOL Certificate

Code
GTE

Health Administration, DHA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Additional Comments:
Students entering this program must have a post-baccalaureate degree or master's degree in a clinical field, or related health administration program such as public health and health information technology. Significant experience in clinical care or another health administration related position is also expected.

Major Requirements (48 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- HSA7357 - Organizational Behavior
- HSA7706 - Research Methodologies
- HSA7333 - Financial Management
- HSA7197 - Planning for Health Information Systems
- HSA7156 - Public Policy and Healthcare
- HSA7386 - Population Health Management
- HSA7348 - Managing Change and Negotiation
- HSA7385 - Leadership Accountability for Quality and Safety
- HSA7146 - Strategic Vision and Planning in Healthcare
- HSA7367 - Evidence-Based Decision Making
- HSA7388 - Advances in Leadership
- HSA7091 - Scientific Writing for the Healthcare Professional
- HSA7911 - Doctoral Project I
- HSA7912 - Doctoral Project II

Additional Comments:

Program Details

Description
Health Administration

Code
HAD

Health Administration, MHA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Prerequisites

Students entering this program without an undergraduate degree in health administration or business administration must complete the following prerequisite coursework:

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Major Requirements (42 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- HSA5177 - Health Care Finance
- HSA6114 - Health Organization and Delivery
- HSA6186 - Healthcare Leadership and Organizational Theory
- HSA6435 - Health Economics
- HSA6198 - Health Information Technology
- HSA6196 - Quantitative Analysis for Health Services
- HSA6905 - Policy and Law in Healthcare
- HSA6385 - Quality Management in Health Care
- HSA6149 - Healthcare Planning and Project Management
- HSA6342 - Healthcare Human Resources
- HSA6178 - Advanced Health Care Financial Management
- HSA6520 - Managerial Epidemiology
- HSA6188 - Capstone: Healthcare Strategic Management
- HSA6815 - Practicum: Executive Skill Development

Additional Comments:

Electives (3 credits)
Type
Completion Requirement

Electives

Electives must be selected from 5000 or 6000 level GEY, HSA, HSC, MAN, and PAD courses
Other graduate level courses with Program Director approval
All non-HSA courses will require approval from their respective programs.

Additional Comments:

Program Details

Description
Health Administration

Code
HAD

Health Informatics, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Health Informatics (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- CAP6768 - Data Analytics
- HIM6667 - Health Informatics and Interoperability

- HIM6122 - Clinical Systems Analysis and Decision Support
- HIM6121 - Health Information Regulatory Compliance

Additional Comments:

Program Details

Description
Health Informatics Certificate

Code
HCI

Healthcare Management, BHM

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (15 credits)
Type
Completion Requirement

Prerequisites

Must be completed with a grade of "C" or higher

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- ECO2023 - Principles of Microeconomics
- STA2023 - (GM) Introductory Statistics
- CGS1100 - Computer Applications for Business

Additional Comments:

Requisites (3 credits)
Type
Completion Requirement

Requisites

Must be completed with a grade of "C" or higher.

Complete ALL of the following Courses:

- HSA2530 - The Language of Healthcare

Additional Comments:

Major Requirements (45 credits)
Type
Completion Requirement

Major Requirements

Must be completed with a grade of "C" or higher

Complete ALL of the following Courses:

- HSA3101 - Introduction to Health Administration
- HSA4111 - U.S. Health Care System
- HSA3522 - Managerial Epidemiology
- HSA4553 - Health Law and Ethics
- HSA3173 - Health Care Accounting
- HSA4544 - Global Health Care
- HSA4170 - Health Care Finance
- HSA3430 - Health Economics and Quantitative Analysis
- HSA3222 - Long Term Care Administration
- HSA4150 - Introduction to Health Policy
- HSA3191 - Health Information Systems I
- HSA3340 - Healthcare Human Resources
- HSA3383 - Quality Management in Healthcare
- HSA3160 - Health Care Marketing
- HSA4922 - Capstone: Health Administration

Additional Comments:

No Concentration Requirements (12 credits)
Type
Completion Requirement

Concentration Electives

Must be completed with a grade of "C" or higher.

SELECT 4 COURSES FROM THE FOLLOWING:
GEY, HSA, HSC, or MAN courses at the 3000/4000 level
Other upper-level (3000/4000) courses with the approval of the program director. See a Brooks College of Health advisor for a list.
Or the below-listed courses:

Complete ANY of the following Courses:

- HSA4850 - Health Administration Internship
- GEY3004 - Aging in America
- GEY3503 - Assisted Living Facility Administration
- GEY3660 - Aging Policy and Politics

Additional Comments:

Aging Services Concentration Requirements (12 credits)
Type
Completion Requirement

Aging Services Concentration Required courses

Must be completed with a grade of C or higher.
Successful completion of the Aging Services concentration is required prior to start of the internship.

Complete ALL of the following Courses:

- GEY3503 - Assisted Living Facility Administration
- GEY3660 - Aging Policy and Politics
- GEY3004 - Aging in America

Concentration Electives

Must be completed with a grade of C or higher.

SELECT 1 FROM THE FOLLOWING Elective Options:

GEY, HSA, HSC, or MAN courses at the 3000/4000 level

Other upper-level (3000/4000) courses with the approval of the program director. See a Brooks College of Health advisor for a list.

Or the below-listed course:

Complete ANY of the following Courses:

- HSA4850 - Health Administration Internship

Additional Comments:

Program Details

Description
Healthcare Management

Code
HCM

Healthcare Management, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Healthcare Management (12 credits)
Type
Completion Requirement

Minor Required Courses

Available to non-healthcare management majors only. All 12 credits of healthcare management minor course work must be taken at UNF. A grade of "C" or higher is required in all healthcare management minor course work. Courses used in the healthcare management major may not be duplicated in the healthcare management minor.

Complete ALL of the following Courses:

- HSA3101 - Introduction to Health Administration
- HSA4111 - U.S. Health Care System

Minor Electives

Complete at least 2 of the following courses:

- HSA4553 - Health Law and Ethics
- HSA4150 - Introduction to Health Policy
- HSA3191 - Health Information Systems I
- HSA3383 - Quality Management in Healthcare

Additional Comments:

Program Details

Description
Healthcare Management

Code
HCM

Health Science: Public Health, BSH

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (25 credits)
Type
Completion Requirement

Prerequisites

Must be completed with a grade of "C" or higher.

Complete ALL of the following Courses:

- PSY2012 - Introduction to Psychology
- MAC1105 - (GM) College Algebra
- **OR** STA2023 - (GM) Introductory Statistics
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- MCB2010C - Microbiology
- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II

Additional Comments:

Requisites (3 credits)
Type
Completion Requirement

Requisites

Must be completed with a grade of "C" or higher

Complete ALL of the following Courses:

- HSC2100 - Personal and Public Health

Additional Comments:

Major Requirements (36 credits)
Type
Completion Requirement

Major Requirements

Must be completed with a grade of "C" or higher. All General Education, Gordon Rule, Foreign Language, Civic Literacy, Prerequisites, Requisite, and Major requirements must be completed prior to internship (HSC4814). Only elective courses may be completed with internship (HSC 4814).

Complete ALL of the following Courses:

- HSC3304 - Public Health Strategies
- HSC3500 - Epidemiology
- HSC3555 - Human Diseases: Pathophysiology, Prevention and Treatment
- HSC4210 - Environmental Health
- HSC4624 - Global Health
- PHC4468 - Health Disparities through Data Analytics
- HSA4111 - U.S. Health Care System
- HSC4730 - Public Health Research

- HSC3032 - Foundations of Public Health
- HSC3713 - Planning and Evaluating Health Programs
- HSC4800 - Professional Preparation in Public Health
- HSC4814 - Public Health Practical Experience

Additional Comments:

Major Electives (12 credits)
Type
Completion Requirement

Major Electives

Must be completed with a grade of "C" or higher.

Complete at least 4 of the following courses:

- HSC4133 - Sexual & Reproductive Health Promotion
- HSC4134 - Mental & Emotional Health Promotion
- HSC4150 - Substance Abuse and Violence Prevention
- HSC4238 - Promoting Physical Activity & Healthy Eating
- HSC4736 - Introduction to Clinical Trials
- HSC4670 - Global Sexuality and Reproductive Health
- HSC4674 - Global Health: Water, Sanitation and Hygiene
- HSC4931 - Special Topics
- HIS3490 - History of Medicine and Disease

Additional Comments:

Program Details

Description
Health Science

Code
HEA

Higher Education Administration, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (6 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDH6069 - Foundations of Higher Education
- EDF6480 - Foundations of Educational Research

Additional Comments:

Major Requirements (18 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EDH6405 - Higher Education Law
- EDH6505 - Higher Education Finance
- EDH6401 - Higher Education Policy
- EDH6635 - Organization and Leadership in Higher Education
- EDH6020 - Foundations of Student Affairs
- EDH6050 - Diversity in Higher Education

Additional Comments:

Collegiate Athletics Concentration (12 credits)
Type
Completion Requirement

Collegiate Athletics Concentration (6 credits)

Complete ALL of the following Courses:

- SPM5158 - Intercollegiate Athletic Administration
- Choose 1 additional ELECTIVE with an advisor

Collegiate Athletics Concentration (6 credits)

Complete at least 2 of the following courses:

- SPM5206 - Ethics and Issues in Sport
- SPM5308 - Marketing and Promotions in Sport
- SPM5506 - Sport Finance
- SPM5605 - Sport Governance and Compliance
- SPM6106 - Sport Facility and Risk Management

Additional Comments:

General Higher Education Concentration (12 credits)
Type
Completion Requirement

General Higher Education Concentration (9 credits)

Earn at least 9 credits from the following:

- EDH6025 - Higher Education Advancement
- EDH6415 - Personnel Management in Higher Education
- EDH6648 - Outcomes Assessment in Higher Education
- EDH6058 - Comparative Higher Education
- EDH6637 - Campus Crisis Management
- EDH6946 - Practicum in Higher Education Administration
- EDA6191 - Team Leadership
- EDH6510 - Grants Development and Project Design
- EDA6271 - Technology and Educational Leadership (Operational Leadership IV)
- EME6409 - Interactive Distance Education
- EME6601 - Instructional Design and Applications
- SPM5158 - Intercollegiate Athletic Administration
- SPM5605 - Sport Governance and Compliance

General Higher Education Concentration (3 credits)

SELECT 3 hours in consultation with faculty

Additional Comments:

International Programs Concentration (12 credits)
Type
Completion Requirement

International Programs Concentration - Major Electives (12 credits)

Complete ALL of the following Courses:

- EDH6058 - Comparative Higher Education
- EDH6946 - Practicum in Higher Education Administration
- EDH6250 - Study Abroad in Higher Education Administration
- SELECT 3 hours in consultation with faculty

Additional Comments:

Non-Profit Management Concentration (12 credits)
Type
Completion Requirement

Non-Profit Management Concentration - Certificate Requirements (12 credits)

Complete ALL of the following Courses:

- PAD6142 - Management of Nonprofit Organizations
- PAD6164 - Nonprofit Stakeholder Relations
- PAD6208 - Nonprofit Financial Management
- EDH6510 - Grants Development and Project Design

Additional Comments:

Student Affairs Concentration (12 credits)
Type
Completion Requirement

Student Affairs Concentration (9 credits)

Earn at least 9 credits from the following:

- EDH6045 - Student Development in Higher Education
- EDH6031 - Leadership of Student Affairs
- EDH6946 - Practicum in Higher Education Administration
- EDH6510 - Grants Development and Project Design
- EDH6058 - Comparative Higher Education
- EDH6041 - College Student Counseling
- EDH6637 - Campus Crisis Management
- EDH6648 - Outcomes Assessment in Higher Education
- EDH6416 - Career Services in Higher Education
- SPM5158 - Intercollegiate Athletic Administration

Student Affairs Concentration (3 credits)

SELECT 3 hours in consultation with faculty

Additional Comments:

Program Details

Description
Higher Education Admin.

Code
HED

International Business, BBA (Hertfordshire)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The UH/UNF double degree is an exciting opportunity to spend two years at University of Hertfordshire and two years at UNF, including a 15-week internship in the United States. Students who complete both the UNF and UH requirements earn two degrees: a Bachelor of Business Administration from UNF and the Degree in International Business at Hertfordshire from UH.

The degree evaluation below reflects only the requirements to earn the UNF degree. In order to earn University of Hertfordshire degree, additional requirements must be met. These are listed on the UH/UNF program website under the Curriculum tab; they include the following:

- completing additional coursework at UH (England)
- fulfilling internship experience in the United States

All courses must be completed with a 'C' or better
Visit the university catalog for a list of General Education requirements.

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites. All prerequisites, excluding MAC2233 and CGS1100, are taken at University of Hertfordshire.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses. MAN4720 is taken during the final semester of on-campus coursework, the semester prior to beginning the internship. MAN3025 and MAR3023 are taken at University of Hertfordshire and must be completed prior to taking MAN4720.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

You must pre-apply at www.unf.edu/coggin for MAN4720.

Additional Comments:

Major Requirements (15 credits)
Type
Completion Requirement

Major Requirements

All International Business Majors are required to participate in an approved international educational experience.

Complete ALL of the following Courses:

- GEB4941 - Foundations of International Business
- ECO3704 - International Trade
- FIN4604 - International Finance
- MAN4600 - International Management
- MAR4156 - International Marketing

Additional Comments:

Major Electives (6 credits)
Type
Completion Requirement

Major Electives

A grade of "C" or better is required in all courses in this area. These courses are taken at University of Hertfordshire.

Complete at least 2 of the following courses:

- ACG4956 - Study Abroad in Accounting
- BUL4322 - International Business Law
- ECO4713 - The International Monetary System
- ECO4956 - Study Abroad in Economics
- ECS3013 - Economic Development
- ECS3403 - Current Issues in the Economy of Latin America
- ECS3303 - Current Issues in the Economics of the European Union
- FIN4956 - Study Abroad in Finance
- GEB4956 - Study Abroad in Business
- GEO3502 - Economic Geography
- MAN4064 - Organizational Ethics: A Global Perspective
- MAN4654 - Comparative Business Practices: European Union and the U.S.
- MAN4956 - Study Abroad in Management
- MAR4956 - Study Abroad in Marketing
- SPN3013 - (FC) Spanish For Business
- TAX4901 - Directed Independent Study in Taxation
- TRA4721 - International Logistics
- TRA4956 - Study Abroad in Logistics

Additional Comments:

Internships (3 credits)
Type
Completion Requirement

Internships

The internship takes place in the United States during the student's final semester(s) at UNF. International students are responsible for procuring appropriate immigration documents within the necessary time frame.

Complete ALL of the following Courses:

- GEB4950 - Career Readiness in International Business
  OR GEB3361 - International Business Internship

Additional Comments:

Requisites (6 credits)
Type
Completion Requirement

Requisites

Select 2 foreign language courses at the intermediate level or above. Both courses must be in the same language. A grade of "C" of better is required for all courses in this area.

Complete ANY of the following Courses:

- SPN2200 - (FC) Intermediate Spanish I
  AND SPN2201 - (FC) Intermediate Spanish II
- FRE2240 - (FC) Intermediate French I
  AND FRE2241 - (FC) Intermediate French II
- GER2200 - (FC) Intermediate German I
  AND GER2201 - (FC) Intermediate German II
- CHI2200 - (FC) Intermediate Chinese I
  AND CHI2201 - (FC) Intermediate Chinese II

Additional Comments:

Required Business (6 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ECO3411 - Business and Economic Statistics

Additional Comments:

Non-Business Requirements (3 credits)
Type
Completion Requirement

Non-Business Requirements

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Additional Comments:
Select 2 courses (6 hours) from one of the seven regional studies areas. A grade of "C" or better is required for all courses in this area. One of the courses must satisfy the Coggin College of Business cultural diversity requirement.

ASIAN Studies option
EUROPEAN Studies
LATIN AMER Studies Option
MID EAST & African Studies option
INTER REL International Relations Option
FRENCH LAN French Language Option
SPANISH Language Option

Experimental Courses
Type
Completion Requirement

Additional Comments:
All International Business majors are required to have an international experience prior to graduation. Students with the UH concentration will satisfy this upon completion of their additional UH requirements.

EXPERIENCE International

Program Details

Description
International Business

Code
HFS

Health Informatics, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- STA2023 - (GM) Introductory Statistics
- CGS1100 - Computer Applications for Business
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- HSA2530 - The Language of Healthcare

Medical terminology is waived for students with a clinical undergraduate degree.

Additional Comments:

Major Requirements (33 credits)
Type
Completion Requirement

Required courses (27 credits)

Complete ALL of the following Courses:

- HSA6512 - Leadership and Organizational Behavior in Healthcare
- CAP6768 - Data Analytics
- HSA6396 - Strategic Planning for Health Information Systems
- HSA6386 - Population Health for Health Administrators
- HSA6149 - Healthcare Planning and Project Management
- HIM6667 - Health Informatics and Interoperability
- HIM6122 - Clinical Systems Analysis and Decision Support
- HSA6327 - Healthcare Revenue Management
- HIM6121 - Health Information Regulatory Compliance

Major Electives (6 credits)

Complete at least 2 of the following courses:

- HIM6123 - Clinical Workflow Design and Re-Engineering
- CAP6777 - Data Mining
- CAP6100 - User Experience Design
- ECO6415 - Making Decisions with Data
- ISM6404 - Applications of Business Analytics
- HIM6908 - Independent Study in Health Informatics

Additional Comments:

Program Details

Description
Health Informatics

Code
HIN

History, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (6 Credits)
Type
Completion Requirement

Prerequisites

Select 2 1000-, 2000-, or 3000-level courses:
AFH / AMH / ASH / EUH / HIS / LAH / WOH

Additional Comments:

Major Requirements (18 Credits)
Type
Completion Requirement

U.S., European, and Global Categories (9 Credits)

Select 1 Course From Each Category

- U.S.: AMH 3000 or 4000-Level (3 credits)
- European: EUH 3000 or 4000-Level (3 credits)
- Global: AFH/ASH/ASN/LAH 3000 or 4000-Level (3 credits)

The Craft of the Historian

Complete ALL of the following Courses:

- HIS3051 - (GW) The Craft of the Historian

HIS3051 is ONLY offered in the fall and spring semesters, and must be completed with at least a "C" before taking 4000-level courses.

History Seminars (6 Credits)

Select 2 4000-Level History Seminars
AFH / AMH / EUH / ASN / ASH / HIS / LAH

Internships and independent study courses do not satisfy 4000-level requirement. 4000-level seminar courses are offered only fall and spring semesters.

Additional Comments:
Required grades of C or higher. Student following the Honors in the Major and/or the Accelerated BA-MA Pathway must have a GPA of 3.33 in the major or A- or higher in HIS3051 or A- or higher in one 4000-level seminar.

Major Electives (12 Credits)
Type
Completion Requirement

Major Electives

Select 4 3000-4000 Level Courses
AFH / AMH / ASH / ASN / EUH / HIS / LAH / WOH

Students earning Honors in the Major and/or the Accelerated BA to MA pathway must:

- Take 9 credits 3000/4000 level major electives along with 3 credits of 5000/6000 level Graduate History electives (not Readings Seminar)
- Research Project Presentation: Students following this option will also publish or present a history project in a public academic forum during their graduating term, either fall or spring.

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major. See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select one two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
History

Code
HIS

History, MA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- HIS3051 - (GW) The Craft of the Historian

Additional Comments:

Major Requirements (30 credits)
Type
Completion Requirement

Reading Seminars (9 credits)

Earn at least 9 credits from the following:

- EUH6905 - Readings in European History I
- EUH6906 - Readings in European History II
- AMH6905 - Readings in American History I
- AMH6907 - Readings in American History II
- LAH6905 - Readings in Latin American History I
- LAH6906 - Readings in Latin American History II

Or Readings Seminars with AFH or ASH designation at the 6000-level

History Research Seminars (9 credits)

6000 level in EUH/AMH/LAH/ASH/AFH/HIS

History Courses (6 credits)

6000 level in EUH/AMH/LAH/ASH/AFH/HIS

History Courses (6 credits)

5000/6000 level in EUH/AMH/LAH/ASH/AFH/HIS

Additional Comments:

Non-Thesis Concentration Requirements (6 credits)
Type
Completion Requirement

History Courses (6 credits)

6000 level in EUH/AMH/LAH/ASH/AFH/HIS

Additional Comments:
A maximum of 9 hours of HIS 6905 (Directed Independent Study) and/or HIS 6946 (Internship in History) is permitted for the non-thesis option. No more than 6 of the 9 credits may fall into any one category (HIS6905 Directed Independent Study or HIS 6946 Internship in History). Independent Studies and Internships may not substitute for required Readings Seminars or Research Seminars.

Students must consult with the Graduate Program Director to schedule an oral examination in the spring or fall semester immediately prior to their graduation. In advance of the examination, each student will submit one of the 20-40 page research papers written for a 5000-level research course or a 6000-level Research Seminar (subsequently revised if they choose) to a committee of three faculty members, at least one of whom will be in the student's field. The committee will review the paper and will examine the student on the paper's historical and historiographic context.

Students may take no more than four classes (12 hours), with any one faculty member including HIS 6905 (Directed Independent Study) and excepting HIS 6946 (Internship in History) and HIS 6971 (Thesis Research)
Designation of official manuscript/footnote for thesis, and non-thesis papers: "Chicago- Manual of Style," using footnotes, not endnotes.

All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are published online.

Thesis Concentration Requirements (6 credits)
Type
Completion Requirement

At least 6 hours and no more than 15 hours required in HIS 6971. Continual enrollment (summer exempted) required.

Earn at least 6 credits from the following:

- HIS6971 - Thesis Research

Additional Comments:
Only one section of HIS 6946 (Internship in History) and one section of HIS 6905 (Directed Independent Study) will be permitted for the thesis program. Independent Studies and Internships may not substitute for required Readings Seminar or Research Seminars. After course requirements have been completed students will enroll in thesis research until the thesis is completed.

Students under the thesis option will have 2 years following the completion of their course work to write and defend their thesis. The thesis advisor, always a historian, will be selected by the student in consultation with the graduate coordinator once two 6000 level seminars have been completed. Designation of official manuscript/footnote for thesis, and non-thesis papers: "Chicago Manual of Style," using footnotes rather than endnotes.

An oral defense will be scheduled after the thesis has been approved by the committee. Committee members will conduct the defense, which may be attended by any member of the graduate faculty. After the defense, the student is responsible for fulfilling the university's requirements regarding thesis submission.

Students may take no more than four classes (12 hrs) with any one faculty member including HIS 6905 (Directed Independent Study) and excepting HIS6946 (Internship in History and HIS 6971(Thesis Research)

All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are published online.

Program Details

Description
History

Code
HIS

History, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: History (15 credits)
Type
Completion Requirement

Minor Required Courses

No more than 3 semester hours, or 1 course, carrying lower level numbers may be used in the history minor. A minimum of 12 hours, or 4 courses, must be upper level. A minimum of 6 semester hours, or 2 courses, must be taken at UNF. 9 semester hours may be transferred towards the minor. A grade of C or better is required for all minor courses.

Select 5 3000-4000 Level History Courses
HIS / EUH / ASN / AMH / AFH / ASH / LAH

Additional Comments:

Program Details

Description
History

Code
HIS

Human Resource Management, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Human Resource Management for Business Majors (15 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available only to students majoring in Business. The minor requires 15 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- MAN4301 - Human Resource Management
- MAN4361 - Organizational Staffing
- MAN4334 - Reward Systems Management
- MAN4312 - Employee Relations Management

Minor Electives

Complete at least 1 of the following courses:

- MAN4390 - Current Issues in Human Resource Management
- MAN4940 - Human Resource Management Internship
- MAN4956 - Study Abroad in Management
- MAN4329 - Human Resources Analytics

Additional Comments:

Minor: Human Resource Management for Non-Business Majors (18 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available only to students majoring outside of Business. The minor requires 18 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- MAN3025 - Principles of Management
- MAN4301 - Human Resource Management
- MAN4361 - Organizational Staffing
- MAN4334 - Reward Systems Management
- MAN4312 - Employee Relations Management

Minor Electives

Complete at least 1 of the following courses:

- MAN4390 - Current Issues in Human Resource Management
- MAN4940 - Human Resource Management Internship
- MAN4956 - Study Abroad in Management
- MAN4329 - Human Resources Analytics

Additional Comments:

Program Details

Description
Human Resource Management

Code
HRM

International Affairs, MA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements - Required (15 credits)

Complete ALL of the following Courses:

- INR6607 - International Relations Theory
- ECO6009 - International Economics
- AMH5515 - U.S. in World Affairs

And Any 3-credit 5000 or 6000 level course with a PHI or REL prefix
And Any 3-credit 5000 or 6000 level course with an ANG or ANT prefix

Core Requirements - Electives (3 credits)

Complete at least 1 of the following courses:

- CCJ6705 - Advanced Methods of Criminological Research
- CCJ6709 - Qualitative Research Methods
- ECO6415 - Making Decisions with Data
- MMC6426 - Qualitative Research Methods in Mass Communication

- PAD5700 - Public Administration Research Methods

Or Any 3 credit 6000 level course with a GEO or GIS prefix

Additional Comments:

Major Electives (15 credits)
Type
Completion Requirement

I. Economics and Geography Options

Complete ANY of the following Courses:

- ECO6060 - Economic Analysis

Or Any 3 credit 6000 level course with a GEO or GIS prefix

II. Criminology and Criminal Justice Options

Complete ANY of the following Courses:

- CJE5121 - Homeland Security and Criminal Justice

III. English/Literature Options

Complete ANY of the following Courses:

- ENL6502 - Studies in Early British Literature
- ENL6509 - Studies in Later British Literature
- LIT5934 - Topics in Literature
- LIT6934 - Special Topics in Literature

LIT 5934 Only when topic is internationally-focused. Requires approval by MAIA Program Director.
LIT 6934 Only when topic is Internationally-focused. Requires approval by MAIA Program Director.

IV. Film Options

Complete ANY of the following Courses:

- FIL5934 - Special Topics in Film

FIL5934 Only to be used when the topic is Contemporary Film: Auteurs, Movements in International Film, French Cinema, East Asian Cinema, Anime, or World Cinema and the Cross-Cultural Encounter.

V. Foreign Languages Options

Complete ANY of the following Courses:

- FOL5930 - Topics in Foreign Language

VI. History Options

Students must obtain permission from the instructor to enroll in History courses and seminars listed below.

Students must have first completed HIS 3051 Craft of the Historian or equivalent for all courses except AFH6935, EUH6906, and LAH 6906.

Complete ANY of the following Courses:

- AFH6935 - Readings in African History
- EUH6906 - Readings in European History II
- LAH6906 - Readings in Latin American History II
- ASH5447 - Japan After 1868
- ASH5642 - War and Migration in the Middle East
- ASH5935 - Special Topics: Asian History
- ASH6936 - Seminar in Asian History
- EUH5934 - Selected Topics: European History
- EUH6936 - Seminar in European History
- HIS5268 - Comparative Empires
- HIS5497 - Science Medicine and Culture
- HIS5934 - Special Topics in History
- HIS6208 - History of Human Rights
- HIS6317 - Sex and Gender in History
- HIS6935 - Special Topics in History
- LAH5934 - Selected Topics: Latin American History
- LAH6936 - Seminar: Latin American History

VII. Philosophy & Religious Studies Options

Any 3-credit 5000 or 6000 level course with a PHI or REL prefix

VIII. Political Science & Public Administration Options

Complete ANY of the following Courses:

- CPO5535 - Politics of South Asia
- CPO6206 - Politics of Africa
- INR5105 - Real World Policy
- INR5449 - International Law and Organization
- INR6330 - Contemporary American Foreign and Security Policy
- INR6705 - International Political Economy
- INR6908 - Directed Independent Study
- INR6938 - Special Topics in International Affairs
- PAD6173 - Global Civil Society
- PAD6836 - Comparative Public Administration
- PUP6006 - Program Evaluation for Public and Nonprofit Management
- PUP6007 - Policy Analysis

IX. Public Health Options

Complete ANY of the following Courses:

- HSC6165 - Global Sexuality and Reproductive Health
- HSC6625 - Global Health
- HSC6675 - Global Health: Water, Sanitation and Hygiene
- HSC6931 - Special Topics

Additional Comments:

Thesis or Field Experience (3 credits)
Type
Completion Requirement

Thesis or Field Experience

Students must choose to either write a master's thesis OR undertake a field experience. The thesis course may be repeated for a total of 6 hours. The second thesis course may be used in place of a major elective course. The field experience may be an internationally oriented internship, study abroad program, or other international activity. For students who study abroad and earn at least 3 credits from a foreign institution, INR 6946 may be taken for zero credits so long as the student earns a total of 36 credits needed to graduate from the program. All activities used to earn credits for this requirement must be approved in advance by the MAIA graduate director. The student will register for 1 of the following courses to complete the thesis or field experience requirement:

Complete at least 1 of the following courses:

- INR6971 - Thesis
- INR6946 - Field Experience in International Affairs

Additional Comments:

Contextual Courses (0 credits)

Type
Completion Requirement

Additional Comments:
Students must demonstrate competency at the intermediate level or above in a spoken language other than English. This requirement is usually met by completing the intermediate-level course sequence (Intermediate I and II) or one 3000- or 4000-level course in Chinese, French, or Spanish. For more information, see the full policy on this requirement on the website of the Department of Languages, Literatures and Cultures.

Program Details

Description
International Affairs

Code
IAF

Integrative Behavioral Health, Certificate (CM)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Integrative Behavioral Health (18 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- HSC6116 - Advanced Clinical Integrative Practices I
- HSC6596 - Advanced Clinical Integrative Practices II
- HSC6270 - Integrative Behavioral Health Program Development
- HSC6604 - Applied Group Interventions in Integrative Behavioral Healthcare
- HSC6586 - Process Experiential Learning and Specialty Practices
- HSC6705 - Integrative Behavioral Health Program Evaluation Methods

Additional Comments:

Program Details

Description
Integrative Behavioral Health

Code
IBH

International Business, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses. MAN4720 is taken in a student's last semester.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

A Mandatory Workshop for IB majors is required. See your academic advisor for more information.

Additional Comments:

Major Requirements (15 credits)
Type
Completion Requirement

Major Required Course

All International Business students are also required to complete the Star Certification program with the Coggin Career Management Center prior to starting the search for their mandatory internship.

Complete ALL of the following Courses:

- GEB4941 - Foundations of International Business

Major Course Options

Complete at least 4 of the following courses:

- ECO3704 - International Trade
- FIN4604 - International Finance
- MAN4600 - International Management
- MAR4156 - International Marketing
- TRA4721 - International Logistics

Additional Comments:

Language Requisites (6 credits)
Type
Completion Requirement

Language Requisites

Select 2 foreign language courses at the intermediate level or above if the language is offered as a minor at UNF. Both courses must be in the same language. A grade of "C" of better is required for all courses in this area.

Complete ANY of the following Courses:

- SPN2200 - (FC) Intermediate Spanish I
  AND SPN2201 - (FC) Intermediate Spanish II
- FRE2240 - (FC) Intermediate French I
  AND FRE2241 - (FC) Intermediate French II
- CHI2200 - (FC) Intermediate Chinese I
  AND CHI2201 - (FC) Intermediate Chinese II

Students may complete an approved language immersion program abroad to fulfill this requirement, or complete an approved language competency assessment in case the language is not offered as a minor at UNF. Approval is given by the director of IB.

Additional Comments:

Required Business (6 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ECO3411 - Business and Economic Statistics
  OR MAN4550 - Introduction to Management Science

Additional Comments:

Non-Business Requirements (3 credits)
Type
Completion Requirement

Non-Business Requirements

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

Additional Comments:

International Educational Experience
Type
Completion Requirement

Additional Comments:
All International Business Majors are required to participate in an approved international educational experience. Examples of approved experiences include the following:

- Successful completion of an internship abroad
- Successful participation in a semester-long or summer exchange program (minimum of 4 weeks)

Visit website for available programs: www.unf.edu/coggin/abroad.

EXPERIENCE International

Students who participate in a Summer or Semester Exchange Program through the Coggin College of Business will register for GEB 4940 (0 Credit). Successful completion of this course will fulfil this experience.

Practicum
Type
Completion Requirement

Practicum

All International Business majors are required to complete a practicum experience to prepare for their careers. Beginning in Fall 2023, this experience can be fulfilled in one of several ways, such as participation in an approved international internship, approved work or volunteer experience, approved consulting experience, or an approved career training program. Students not pursuing an internship for credit will register for the below 0-credit pass/fail course to complete this requirement. Approval is given by the director of IB. May be completed abroad.

Complete ANY of the following Courses:

- GEB4950 - Career Readiness in International Business
- GEB3361 - International Business Internship

Additional Comments:

Functional Business Knowledge Concentration Requirements (12 credits)
Type
Completion Requirement

Functional Business Knowledge Concentration Requirement

A grade of "C" or better is required in all courses in this area.

This concentration gives students the opportunity to gain expertise in a specific business discipline. May be completed abroad. A grade of "C" or better is required in all courses in this area. Fulfill up to 12 credits of concentration requirements by studying abroad: www.unf.edu/coggin/abroad.

SELECT 4 3/4000-level classes.
All 4 must be from within the same business discipline, either Accounting, Economics, General Business, Entrepreneurship, Geography/GIS, Finance, Marketing, Management, or Transportation & Logistics. Any prefix within the College of Business is accepted.

(ECO3701 & GEO3553 are specifically excluded)

Additional Comments:

Global Expertise Concentration Requirements (12 credits)
Type
Completion Requirement

GLOBAL AWARENESS (up to 12 credits)

This concentration allows students to explore topics of importance across the globe. Courses chosen must present content from a largely international perspective. May be completed abroad.

Complete ANY of the following Courses:

- ACG4956 - Study Abroad in Accounting
- ECO4713 - The International Monetary System
- ECO4956 - Study Abroad in Economics
- ECP3302 - Environmental Economics
- ECS3013 - Economic Development
- GEA3405 - Geography of Latin America and the Caribbean
- GEB3361 - International Business Internship
- GEO3372 - Conservation of Natural Resources
- GEO4956 - Study Abroad in Geography
- FIN4956 - Study Abroad in Finance
- MAN4064 - Organizational Ethics: A Global Perspective
- MAN4143 - Practical Leadership
- MAN4301 - Human Resource Management
- MAN4390 - Current Issues in Human Resource Management
- MAN4701 - Business and Society
- MAN4702 - Emergency and Disaster Management
- MAN4956 - Study Abroad in Management
- MAR4104 - Social and Ethical Issues in Marketing
- MAR4955 - Study Abroad in Marketing

Or SELECT up to 4 classes from the following:
Any 3/4000-level courses on current topics, such as corporate social responsibility, sustainability, diversity, etc. See list of Regional Studies Courses, Section International Relations & Politics: UNF: Regional Studies Courses

INTERCULTURAL COMPETENCE (up to 12 credits)

These classes allow students to gain a depth of knowledge in a particular region. May be completed abroad.

SELECT up to four 3000-4000-level courses
These courses should be focused on a particular region of the world. See Regional Studies Courses page: UNF: Regional Studies Courses

LANGUAGE PROFICIENCY (up to 12 credits)

These classes, when taught in a language other than English, allow students to hone their skills in a particular language and deepen cultural understanding in a linguistic context. Courses in any discipline taught in a language other than English will qualify as "language courses" for this concentration. May be completed abroad.

SELECT up to 4 of the following language courses or complete abroad.

Complete at least 4 of the following courses:

- CHI3400 - (FC) Conversation in Chinese
- FOL3953 - (FC) Advanced Foreign Language Study Abroad
- FRE3283 - (FC) French Listening and Speaking Skills
- FRE3300 - (FC) French Grammar and Composition
- FRE3350 - (FC) Readings in French Literature and Culture
- FRE3502 - (FC) French and Francophone Cultures
- FRE4402 - (FC) Advanced French Conversation
- FRE4501 - (FC) France Today
- FRE4930 - (FC) Special Topics in French Culture
- FRT3800 - French Translation Techniques
- FRW3100 - (FC) Survey of French Literature: Pre-19th Century
- SPN3013 - (FC) Spanish For Business
- SPN3036 - (FC) Spanish for Health Professions
- SPN3242 - Spanish Conversation
- SPN3300 - Spanish Composition
- SPN3350 - Spanish for Heritage Speakers
- SPN3351 - Communication and Communities for Heritage Speakers
- SPN3503 - U.S. Hispanic Cultures
- SPN3510 - Cultures of Spain
- SPN3524 - Latin American Cultures
- SPN4400 - Advanced Grammar and Translation
- SPW3030 - Introduction to Literature in Spanish
- SPW4192 - Food in Latin American Literature and Culture
- SPW4194 - Pirates in Hispanic Literature and Culture
- SPW4373 - Technology and the Latin American Short Story
- SPW4523 - Women's Literature in Latin America
- SPW4600 - Don Quixote: Hero or Fool

Additional Comments:
Students will take a combination of 4 classes in any of the following areas. May be completed abroad.

Program Details

Description
International Business

Code
IBS

International Business, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: International Business for Business Majors (15 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available only to students majoring in Business. The minor requires 15 semester hours of which 9 must be taken at UNF. A grade of C or better is required in all courses. IB minors are permitted to take up to 12 minor hours abroad IF they are taking the courses at a Coggin College exchange partner institution. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- ECO3704 - International Trade
- FIN4604 - International Finance
- MAN4600 - International Management
- MAR4156 - International Marketing
  OR TRA4721 - International Logistics

Minor Electives

Select 1 additional elective course
Select 1 3000-4000 level course with the following prefixes: HIS / GEO / ASH / EUH / LAH
OR
Any 3000-4000 level Coggin study abroad course

Additional Comments:

Minor: International Business for Non-Business Majors (12 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available only to students majoring in programs outside of the Coggin College of Business. The minor requires 12 semester hours. A grade of 'C' of better is required in all courses. IB minors are permitted to take up to 9 minor hours abroad IF they are taking courses at a Coggin College of Business or UNF exchange partner institution. A minimum of 6 credits must be upper level business courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- ECO3701 - (CD) - The Global Economy

Minor Electives

Select 3 additional courses from the following categories A, B, C and D, at least 1 of which should be an upper-level business course
A. **SEMESTER ABROAD:** Select up to 3 courses at a Coggin or UNF exchange partner institution.

B. **BUSINESS:** Select up to 3 courses from the following: ACG 4956, ECO 4956, GEO 4956, FIN 4956, MAR 4956, MAN 4956, TRA 4956, BUL 3130, MAN 3025, MAN 4143, MAN 4064, MAN 4600, GEB 4941, MAR 3023, MAR 4156, TRA 4721, ECS 3013, ECS 3403, GEO 3502, GEO 3553, GIS 3043, FIN 3403, FIN 4604, other elective course approved by IB Director.

C. **SELECT:** up to 1 course (3000 to 4000 level) from the following prefixes: HIS, GEO, ASH, EUH, LAH.

D. **LANGUAGES:** Select up to 1 course (2000 to 4000 level) from the following prefixes: SPN, FRE, GER, CHI.

Additional Comments:

Program Details

Description
International Business

Code
IBS

Interdisciplinary Studies, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (36 Credits)
Type
Completion Requirement

Major Required Course

A minimum GPA of 2.0 is required to be admitted and to graduate with of the Interdisciplinary Major. IDS requires an approved plan be on file. All major coursework requires a "C" or higher. No more than 12 credits from this major can be used to complete another major or minor. Students in this major must successfully complete a proposal for entry into the major.

Complete ALL of the following Courses:

- IDS3053 - Introduction to Interdisciplinary Inquiry

Additional Required Coursework

Select 33 Credits
In addition to IDS 3053 Introduction to Interdisciplinary Inquiry, select eleven (33 credits additional upper-division (3000-4000 level) courses, at least five (15 credits) of which must be from the College of Arts and Sciences (COAS). Courses should be significant to the program theme and approved by the program director as part of the proposal process. Students choosing a faculty-curated path in the program are recommended but not required to take IDS3053 Introduction to Interdisciplinary Inquiry (but must still have 36 credits for the major) and should consult the faculty-curated path and their advisor for course selection.

Capstone

At the end of their program, students will complete a capstone experience, which should involve one of the following options. All Capstone projects must be approved by the program director. Students completing capstone projects 1 or 2 that involve significant reflective or summative components should take IDS 4890 for 0 credits, to mark the completion of the requirement on their transcript. Students completing capstone projects 1 or 2 without significant reflective/summative components, or students completing capstone project 3, should take IDS 4890 for 1 credit, which will present them the opportunity to synthesize their interdisciplinary theme and coursework in relation to their learning and goals. Capstone Options include:

1. A faculty-supervised independent research project (3 credits in the appropriate discipline) and Capstones course (0-1 credits)

2. A faculty-supervised experiential learning opportunity, including but not limited to study abroad, internship, leadership or other community-based learning opportunity (3 credits) and the Capstone course (0-1 credits)

3. A course relevant to the program theme (3 credits) and the Capstone course (1 credit)

Complete ALL of the following Courses:

- IDS4890 - Interdisciplinary Studies Capstone

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major. See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Culture
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select one two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Interdisciplinary Studies

Code
IDS

Interdisciplinary Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Interdisciplinary Studies (15 credits)
Type
Completion Requirement

Track 1: Theme-Based Study (15 credits)

This program would enable a student, under the direction of the Interdisciplinary Studies Program Coordinator and Advisor, to construct a set of courses that focus on a particular educational goal or competencies that complement either a traditional major or an interdisciplinary major, and that prepare the student for career opportunities "outside the boxes" of traditional academic disciplines. At least 12 credits must be taken at the upper level. Students cannot transfer more than 6 credits into this minor. Students may elect either Track 1 or Track 2. Courses cannot count toward both the general education requirement and the requirement for the minor. A grade of "C" or better is required for all minor courses.

Choose 4-5 Upper-Division (3000-4000-level) Courses
For this theme-based program of cross-disciplinary study, each student will choose 4-5 upper-division (3000-4000-level) courses (the number of courses chosen depends on how many are 3-credit hour courses and how many are 4-credit hour courses), including at least one (3000-4000-level) course from the College of Arts and Sciences.

Track 2: Competency-Based Study (15 credits)

Choose 4-5 Upper-Division (3000-4000-level) Courses
For this program of cross-disciplinary study focusing on the development of key intellectual competencies, each student will choose 4-5 upper-division (3000-4000-level) courses (the number of courses chosen depends on how many are 3-credit hour courses and how many are 4-credit hour courses), including:

(i) at least one of the below five (3000-4000-level) courses must be from the College of Arts and Sciences

(ii) at least two advanced writing/communication (3000-4000-level) courses

(iii) at least three critical thinking (3000-4000-level) courses or three quantitative reasoning and analysis (3000-4000-level) courses.

Additional Comments:

Program Details

Description
Interdisciplinary Studies

Code
IDS

International Education, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: International Education (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EEX5053 - Foundations of Exceptional Education and Services
- TSL6525 - Cross-Cultural Communication and Knowledge **OR** TSL6700 - Issues in ESOL for School Counselors
- EDF6607 - Education in America **OR** EDF6687 - Foundations of Multicultural and Urban Education
- EEX5665 - Classroom and Behavior Management **OR** EDG6407 - Managing Effective Learning Environments **OR** SDS6000 - School and Family: Managing Student Behavior

Certificate Study Abroad Course

Complete at least 1 of the following courses:

- EEX6841 - Practicum in Special Education
- ESE6947 - Professional Internship
- TSL6940 - TESOL Practicum
- EEX6911 - Independent Study and Research
- EDG6906 - Individual Study and Research
- SDS6940 - Practicum in School Counseling

Additional Comments:

Program Details

Description
International Ed. Certificate

Code
IEC

International Education, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: International Education (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a undergraduate degree or as a standalone certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

NOTE: A GPA of 2.5 or higher is required for the successful completion of this certificate.

Complete ALL of the following Courses:

- EDF2085 - Introduction to Diversity for Educators
- TSL3080 - ESOL Foundations: Culture and Language
- EDG4410 - Classroom Management and Communication **OR** EEX4616 - Classroom Management of Learners with Exceptionalities

Certificate Study Abroad Course

Complete at least 1 of the following courses:

- EEX4861 - Internship
- EDE4943 - Student Teaching Internship
- ESE4943 - Student Internship
- EDG4905 - Individual Investigation and Study
- EEX4905 - Individual Investigation and Study

Additional Comments:

Program Details

Description
International Ed. Certificate

Code
IEC

Integrative General Studies, BGS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Bachelor of Integrative General Studies (BGS) is an interdisciplinary undergraduate degree program that is individualized across students must have a minimum of 60 credits to declare the BGS major. Students must complete two core courses and other applicable university graduation requirements (e.g., 120 hours, 48 upper division, general education, Foreign Language). There can be no course crossover between concentration courses and a minor (minor not required).

Major Requirements (4-6 Credits)
Type
Completion Requirement

Major Requirements

Grades of C or higher are required in all Major Requirements.

A similar inquiry course may be taken, if approved by the program director.

At the end of their program, students will complete a capstone experience (IDS4890 Interdisciplinary Studies Capstone or similar capstone course, if approved by the program director -0-1 Credits), which may involve an internship, a directed independent study, a relevant study abroad, a TLO, community-based experience, or other project in consultation with the program director.

Complete ALL of the following Courses:

- IDS3053 - Introduction to Interdisciplinary Inquiry
- IDS4890 - Interdisciplinary Studies Capstone

Additional Comments:

Free Electives (30-32 Credits)
Type
Completion Requirement

Additional Comments:
Students must complete a minimum of 48 upper-level credits out of the total 120 degree applicable required credit hours. Free electives may be courses in any discipline (provided the required prerequisites are met) and they are the hours needed to satisfy the total 120 credit hour requirement for the degree.

Humanities and Arts Concentration Requirements (15 Credits)
Type
Completion Requirement

Concentration Core (3 Credits)

Grades of C or higher are required in the concentration core.

Complete at least 1 of the following courses:

- AFS3262 - African Diaspora Studies
- ARH3811 - Junior Methods Seminar
- ART3530C - Painting II
- ART3442C - Intaglio Printmaking I
- ART3786C - Ceramics
- ART3707C - Sculpture I
- ART3271C - Comics and Narrative
- COM3003 - Principles of Communication Studies
- HIS3051 - (GW) The Craft of the Historian
- ENC4415 - Rhetoric in the Digital Humanities
- ENC3310 - (GW) Writing Prose
- ENG4013 - Approaches to Literary Interpretation
- GRA3192C - Type Communication
- LIT3213 - The Art of Critical Reading and Writing I
- PGY3824C - Contemporary Photographic Imaging
- PHI3084 - Philosophical Methods
- MMC3105 - Advanced Writing for the Media
- REL3102 - Religion as Culture

Concentration Electives (12 Credits)

Grades of C or higher are required in all concentration electives

Select 4 3000-4000 Level Courses

ADV, AFH, AFS, AMH, AML, ARH, ART, ASH, CBH, CLT, CRW, COM, DIG, ENC, ENG, ENL, EUH, EXP, FIL, FOL, FOT, FRE, FRT, FRW, GRA, HIS, INS, JOU, LAS, LIT, MMC, MUG, MUE, MUH, MUL, MUM, MUN, MUO, MUS, MUT, MVB, MVJ, MVK, MVO, MVP, MVS, MVV, MVW, PGY, PHI, PHH, PHM, PHP, REL, RTV, SPC, SPN, SPW, TPP

Additional Comments:

Education Studies Concentration Requirements (15 Credits)
Type
Completion Requirement

Concentration Core (3 Credits)

Grades of C or higher are required in the concentration core.

Complete at least 1 of the following courses:

- TSL3080 - ESOL Foundations: Culture and Language
- TSL4340 - TESOL Methods and Curriculum
- EDF4444 - Assessment of Learning and Behavior

Concentration Electives (12 Credits)

Grades of C or higher are required in all concentration electives.

Select 4 3000-4000 Level Courses
ASL, EDE, EDF, EDG, EDP, EHD, EEC, EEX, EME, EVT, FLE, INT, LAE, LDR, MUE, PET, RED, SPM, TSL

Additional Comments:

Social and Behavioral Sciences Concentration Requirements (15 Credits)
Type
Completion Requirement

Concentration Core (3 Credits)

Grades of C or higher are required in the concentration core.

Complete at least 1 of the following courses:

- AFS3262 - African Diaspora Studies
- CCJ3700 - Research Methods in Criminology & Criminal Justice
- COM3003 - Principles of Communication Studies
- HIS3051 - (GW) The Craft of the Historian
- POS3733 - Research Design for Political Scientists
- PSY3213 - Research Methods in Psychology
- SYA3300 - Sociological Research Methods

Concentration Electives (12 Credits)

Grades of C or higher are required in all concentration electives.

Select 4 3000-4000 Level Courses
ADV, AFH, AFS, AMH, ANT, ASH, ASN, CBH, CCJ, CJC, CJE, CJJ, CJL, CLP, COM, CPO, DEP, EAB, EUH, EXP, HIS, INR, INS, JOU, MMC, PAD, PCO, PPE, POS, POT, PSB, PSY, PUP, PUR, RTV, SOP, SOW, SPC, SYA, SYD, SYG, SYO, WOH

Additional Comments:

STEM Concentration Requirements (15 Credits)
Type
Completion Requirement

Concentration Core (3 Credits)

Grades of C or higher are required in the concentration core.

Complete at least 1 of the following courses:

- BSC3842 - Writing and Analytical Skills in Biology
- BSC4947 - Senior Seminar Practicum
- CHM3120 - Quantitative Analytical Chemistry
- PSY3213 - Research Methods in Psychology
- STA3163 - (GM) Statistical Methods I
- STA4321 - (GM) Probability and Statistics
- STA3032 - (GM) Probability and Statistics for Engineers

Concentration Electives (12 Credits)

Grades of C or higher are required in all concentration electives.

Select 4 3000-4000 Level Courses
AST, BCH, BCN, BOT, BME, BSC, CAP, CBH, CDA, CEG, CEN, CES, CGN, CGS, CHM, CIS, CLP, CNT, COP, COT, CWR, DEP, EAB, EEE, EEL, EGN, EIN, EMA, ESC, EXP, MAA, MAC, MAD, MAP, MAS, MAT, MCB, MGF, MHF, PCB, PCO, PHY, PHZ, PPE, PSB, PSY, SOP, STA, TTE, ZOO

Additional Comments:

Program Details

Description
Integrative General Studies

Code
IGS

Health Science: Interdisciplinary Health Studies, BSH

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
Upon admission to the program, students must develop an individual program of study in consultation with the Program Director. There is no program prerequisite requirement.

Requisites (3 credits)
Type
Completion Requirement

Requisites

Grade of C or higher required in courses used toward the major.

SELECT 1 course from the following:

Complete ANY of the following Courses:

- HSC2000 - Health Care Careers
  OR HSC2100 - Personal and Public Health
  OR HUN2201 - Basic Principles of Human Nutrition

Additional Comments:
HUN2201 is required for students in accelerated BSH-IHS to MS in Athletic Training pathway.

Major Requirements (15 credits)
Type
Completion Requirement

Major Requirements

Grade of C or higher required in courses used toward the major.

Complete at least 5 of the following courses:

- DIE4940 - Nutrition and Diet Field Experience
  OR FSS3800 - Seminar in Food Systems and Sustainability
  OR HSA3101 - Introduction to Health Administration
  OR HSA3191 - Health Information Systems I
  OR HSA4111 - U.S. Health Care System
  OR HSA4553 - Health Law and Ethics
  OR HSC3537 - Medical Terminology
  OR HSC3578 - Food, Health and Society
  OR HSC4612 - Exercise Physiology for Health Science
  OR HUN3014 - Nutrition and Fitness
  OR HUN3403 - Life Span Nutrition
  OR PET3312C - Biomechanics
  OR LDR3003 - Introduction to Leadership
  OR PHI3633 - Bioethics
  OR ATR4610 - Research in Sports Medicine
  OR HSC4730 - Public Health Research
  OR HUN3800 - Nutrition Science Research and Ethics

If choosing a research course, consult with the Program Director for approval.

The following courses are for students admitted to the BSH-IHS to MS in Athletic Training Accelerated Pathway and require Program Director approval. The two courses below can count towards IHS Major requirements or Major elective requirements.
ATR5105C Foundations in Athletic Training* (3 credits, Summer B only)
ATR5126C Gross Anatomy for Athletic Trainers* (3 credits , Summer B only)
* Required courses for students in accelerated BSH-IHS to MSAT pathway.

Additional Comments:

Major Electives (24 credits)
Type
Completion Requirement

Major Electives

Students are free to select eight major electives from any 3000 or 4000 level courses. There is no minor required but a Brooks College of Health minor is encouraged including Food Systems & Sustainability, Global Health, Public Health, or Environmental Studies. A non-Brooks College of Health minor is also an option with the program director's approval. Grades of C or higher required in courses used toward the major.

SELECT 8 major electives

Additional Comments:

Capstone Experience (3 credits)
Type
Completion Requirement

Capstone Experience

Grade of C or higher required in courses used toward the major.

Complete ALL of the following Courses:

- HSC4934 - Interdisciplinary Health Studies Capstone

Additional Comments:

Free Electives (15 credits)
Type
Completion Requirement

Free Electives

This degree requires a minimum of 120 total hours with 48 upper level (3000/4000) level hours. Free electives may be courses in any discipline (provided the required prerequisites are met) and they are the hours needed to satisfy the total hour requirement. These hours may vary (consult your advisor about free elective hours needed to graduate). Grade of C or higher required in courses used toward the major.

Below are the required MS in Athletic Training program prerequisites and recommended free electives for students interested in the BSH-IHS to MSAT Accelerated Pathway.

Complete ANY of the following Courses:

- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II
- PHY1028 - Introduction to Physics
  AND PHY1028L - Introduction to Physics Laboratory
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- BSC1010C - General Biology I
- STA2023 - (GM) Introductory Statistics
  OR STA2023C - (GM) Introductory Statistics with Recitation
- PSY2012 - Introduction to Psychology
- PET3312C - Biomechanics
- HSC4612 - Exercise Physiology for Health Science

Note: Introduction to Physics, Introduction to Physics Lab, General Chemistry 1 Lab and General Biology 1 Lab are preferred, but not required.

Admission Criteria to Begin BSH-IHS to MSAT Accelerated Pathway:

- Meet with the IHS and MSAT Program Directors and a BCH academic advisor to discuss eligibility for pathway
- Personal statement describing prior experiences, accomplishments, and career goals. Submit this to MSAT Program Director
- College Cumulative GPA of 3.0

Additional Admission Criteria Prior to Enrollment in MSAT-level Coursework:

- Earn a GPA of 3.0 in upper-level courses
- Completion of all MSAT prerequisites with a GPA of 3.0
- Meet MSAT Program Technical Standards for admission
- 50 hours of observational experience under the supervision of a Certified Athletic Trainer
- Three (3) letters of recommendation submitted to MSAT Program Director. One letter of recommendation must be from an Athletic Trainer who supervised you during your observational experience
- Interview with the UNF Athletic Training Program Faculty

Special Notes:

- Completion of the UNF application in the Athletic Training Centralized Application System is not required for students enrolled in the accelerated pathway
- Two graduate courses (ATR5105C and ATR5126C) will satisfy two IHS major requirements or major electives

Additional Comments:

Program Details

Description
Health Science

Code
IHS

International Studies, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
SUGGESTED PATHS

- Students may tailor this degree to their specific interests, designing their own route through the options listed below. Alternatively, students may consult the suggested paths, detailed on the International Studies website, related to a variety of professional directions and academic areas. See the program website for more information.

DOUBLE MAJORS/DUAL DEGREES

- We provide suggested templates for combining this program of study with several related majors, including africana studies, anthropology, art history, economics, french and francophone studies, history, international business, philosophy, political science, religious studies, Spanish, Social Work, and sociology. See the program website for more information.

POLICY ON DOUBLE COUNTING

- At least 15 credit hours of coursework must be exclusive to this major. Because this major involves a total of 33 credit hours, a student may double-count up to 18 credit hours between this major and other programs of study (majors, minors or graduate-level programs).

HONORS IN THE MAJOR

- International Studies offers students the opportunity to earn Honors in the Major, a distinction that is documented on their transcript and diploma. See the program website for more information.

UNDERGRADUATE CERTIFICATE

- Depending on the electives they choose as part of this major, students in International Studies can earn the UNF Peace Corps Prep Certificate and the Undergraduate Certificate in Teaching English to Speakers of Other Languages (TESOL) with little or no additional coursework or practical experience. See the program website for more information.

ACCELERATED PATHS INTO GRADUATE PROGRAMS

- Students in this major can apply to participate in accelerated paths into the selected graduate programs at UNF, including the Master of Arts in International Affairs (MAIA), the Master of Social Work (MSW), the Graduate Certificate in Teaching English to Speakers of Other Languages (TESOL). Accepted students are permitted to take a specified number of graduate-level courses (the number varies by graduate program) while still undergraduates, double count those courses to both the B.A. in International Studies and the respective graduate program, and, upon completion of the undergraduate degree, enter the graduate program through an expedited application process. See the program website for more information.

Foundation (3 Credits)
Type
Completion Requirement

Foundation

INR 2002 Introduction to International Relations and CPO 2002 Introduction to Comparative Politics are not prerequisites to the major itself, but are the respective prerequisites for INR4603 International Relations: Frameworks of Analysis and CPO 4014 Comparative Politics: Frameworks for Analysis, one of which students must take as a major requirement.

Complete at least 1 of the following courses:

- INR2002 - Introduction to International Relations
- CPO2002 - Introduction to Comparative Politics

Additional Comments:

Requisites (14 Credits)
Type
Completion Requirement

Requisites

Requires grades of C or above. Students in this major must demonstrate competency at the intermediate level in a spoken language other than English. This requirement is usually met by completing the intermediate-level course sequence (Intermediate I and II) in Chinese, French or Spanish, which are the three languages taught consistently at UNF through the intermediate level. Other options are available, however, including for those with existing proficiency. For the full policy on this requirement, see the program website.

Select 2 Beginning and 2 Intermediate Language Sequences

Additional Comments:

International Educational Experience
Type
Completion Requirement

International Educational Experience

Students in this major must complete an international educational experience that involves at least three hours of academic credit. This requirement is usually met through participation in a study abroad program or an internship with an international focus. All activities must be approved in advance by the program director. Completion of this requirement is marked on a student's transcript through registration in the 0-credit course INS 3950 during the semester of the activity in question. For the full policy on this requirement, see the program website.

Complete ALL of the following Courses:

- INS3950 - International Educational Experience

Additional Comments:

Major Requirements (6 Credits)
Type
Completion Requirement

Major Requirements

Requires grades of C or above.

Complete ALL of the following Courses:

- INS3003 - Introduction to International Studies
- INS4930 - International Studies Senior Research Seminar

Additional Comments:

Major Electives (27 Credits)
Type
Completion Requirement

Comparative Politics & International Relations Course

When selecting electives, students should consult the list of current offerings published each semester by the International Studies Program, which may contain special topics courses and others that do not appear on this list. See the program website for more information.

Please review the course descriptions in the online catalog and work with your advisor to ensure that needed prerequisites, as indicated, have been met. Students interested in courses with multiple prerequisites may consider minoring or pursuing a double major/dual degree in the respective area.

Complete at least 1 of the following courses:

- CPO4014 - Comparative Politics: Frameworks for Analysis
- INR4603 - International Relations: Frameworks for Analysis

Culture & Society Course

Complete at least 1 of the following courses:

- AFH3100 - Ancient Africa to 1850
- AFH3252 - War, Genocide, and HIV in Mod. Africa
- AFH3450 - (FC) South Africa
- AMH3571 - Introduction to African-American History
- AMH3580 - American Indian History
- ANT3212 - (FC) Peoples and Cultures of the World
- ANT3243 - (FC) Comparative Muslim Cultures
- ANT3355 - The African Diaspora
- ANT3610 - Linguistic Anthropology
- ANT3933 - Seminar in Anthropology
- ANT4352 - (FC) Peoples and Cultures of Africa
- ANT4444 - Cities and Globalization
- ANT4274 - Political Anthropology
- ANT3462 - Health, Illness and Culture
- ASH3200 - (FC) - Ancient Near East
- ASH3201 - (FC) Ancient Israel
- ASH3223 - (FC) Middle East
- ASH3337 - (FC) Gandhi and Modern India
- ASH3448 - (FC) Hiroshima
- ASN3106 - (FC) Women and Gender in East Asia
- EUH3403 - (FC) Ancient Greece
- EUH3411 - (FC) Ancient Rome
- EUH3465 - Nazi Germany: Power, Society, and War in Hitler's Reich
- EUH3466 - (FC) Germany Today
- FOT3931 - (FC) Studies in Foreign Culture
- LAH3300 - (FC) Latin America
- LAH3736 - (FC) Modern Latin American History Through Film
- LAS3020 - (FC) Peoples and Cultures of the Caribbean
- PHH3820 - (FC) Chinese Philosophy
- PHH3860 - (FC) Japanese Philosophy
- REL3074 - Myths and Rituals
- REL3102 - Religion as Culture

History Course

Complete at least 1 of the following courses:

- AFH3100 - Ancient Africa to 1850
- AFH3252 - War, Genocide, and HIV in Mod. Africa
- AFH3450 - (FC) South Africa
- AFH3301 - Ancient Egypt
- AMH3511 - The United States in World Affairs
- AMH3544 - The 1960s and Vietnam
- AMH3571 - Introduction to African-American History
- AMH3580 - American Indian History
- ASH3201 - (FC) Ancient Israel
- ASH3223 - (FC) Middle East
- ASH3337 - (FC) Gandhi and Modern India
- ASH3401 - Contemporary China
- ASH3402 - Traditional China
- ASH3404 - Modern China
- ASH3440 - (FC) Japanese Civilization
- ASH3441 - Japan Before 1868
- ASH3448 - (FC) Hiroshima
- ASH3620 - (FC) Asian Art and Culture
- ASH3932 - Selected Topics: Asian History
- ASH4234 - Seminar: Ottoman History
- ASH4641 - Seminar: War and Migration in the Middle East
- ASH4934 - Seminar: Asian History
- ASN3106 - (FC) Women and Gender in East Asia
- EUH3120 - Medieval Europe
- EUH3124 - The Crusades
- EUH3142 - Renaissance-Reformation
- EUH3206 - 20th Century Europe
- EUH3241 - The Holocaust
- EUH3403 - (FC) Ancient Greece
- EUH3411 - (FC) Ancient Rome
- EUH3451 - France Since 1789
- EUH3462 - Modern Germany
- EUH3465 - Nazi Germany: Power, Society, and War in Hitler's Reich
- EUH3466 - (FC) Germany Today
- EUH3511 - Tudor-Stuart England, 1485-1714
- EUH3932 - Selected Topics: European History
- HIS3402 - Urban Environmental History and Sustainability
- HIS3490 - History of Medicine and Disease
- HIS4266 - Comparative Empires
- HIS4491 - Seminar: Science Medicine and Culture
- HIS4936 - Seminars
- LAH3300 - (FC) Latin America
- LAH3736 - (FC) Modern Latin American History Through Film
- LAH3932 - Selected Topics: Latin American History
- LAH4932 - Seminar: Latin American History

Economics & Geography Course

Complete at least 1 of the following courses:

- ECO3701 - (CD) - The Global Economy
- ECO3704 - International Trade
- ECO4713 - The International Monetary System
- ECO4933 - Special Topics in Economics
- ECP3302 - Environmental Economics
- ECP3613 - Urban Economics
- ECS3013 - Economic Development
- GEO3372 - Conservation of Natural Resources
- GEA3405 - Geography of Latin America and the Caribbean
- GEO3502 - Economic Geography
- GEO3553 - Cultural Dimensions of Economic Geography
- GEO4930 - Special Topics in Geography
- INR4703 - International Political Economy
- SYP3440 - Social Change and International Development

Philosophy or Religious Studies Course

Complete at least 1 of the following courses:

- PHH3100 - Ancient Greek Philosophy
- PHH3104 - Socrates and the Sophists
- PHH3120 - (FC) The Greek Experience
- PHH3201 - Jewish and Islamic Philosophy in the Classical Tradition
- PHH3230 - Islamic Philosophy
- PHH3400 - Modern Philosophy
- PHH3500 - Kant to Nietzsche
- PHH3810 - Introduction to Buddhism
- PHH3811 - The Philosophy of Zen Buddhism
- PHH3820 - (FC) Chinese Philosophy
- PHH3860 - (FC) Japanese Philosophy
- PHH3840 - (FC) Philosophies of India
- PHH4601 - Contemporary European Philosophy
- PHH4821 - Confucianism
- PHI3640 - Environmental Ethics
- PHI3664 - Ethics East and West
- PHI3700 - Philosophy of Religion
- PHI3880 - Philosophy of Film
- PHI3930 - Selected Topics

- PHI3931 - East and West: Selected Topics
- PHI3932 - Special Topics in Asian Thought and Practice
- PHI3934 - Selected Topics in Value Theory
- PHI4930 - Special Topics in Philosophy
- PHI4420 - Philosophy of the Social Sciences
- PHM3128 - Philosophy of Race and Racism
- PHM3304 - Political Philosophy
- PHM3361 - Philosophy of Democracy
- PHM3362 - Global Justice
- PHM4100 - Social Philosophy
- PHM4340 - Contemporary Political Philosophy
- PHP3786 - Existentialism
- PHP3790 - American Philosophy
- REL3101 - Religion and Popular Culture
- REL3074 - Myths and Rituals
- REL3102 - Religion as Culture
- REL3127 - Religion and the Courts
- REL3148 - Religion and Violence
- REL3111 - Religion and Film
- REL3146 - Sex and God
- REL3168 - Religion and Nature
- REL3175 - Ethics East and West
- REL3213 - Hebrew Bible/Old Testament
- REL3241 - New Testament
- REL3340 - Introduction to Buddhism
- REL3330 - Religions of India
- REL3345 - Zen Buddhism
- REL3405 - Jewish and Islamic Thought
- REL3456 - Japanese Philosophy and Religion
- REL3457 - Chinese Philosophy & Religion
- REL3930 - Selected Topics: History of Religion
- REL4938 - Advanced Special Topics: Christianity

Literature, Film & The Fine Arts Course

Complete at least 1 of the following courses:

- ARH3130 - Ancient Greek Art and Architecture
- ARH3150 - The Art and Architecture of Ancient Rome
- ARH3202 - Medieval Art and Architecture
- ARH3250 - Romanesque Art and Architecture
- ARH3302 - Italian Renaissance Art
- ARH3319 - The Art and Architecture of Michelangelo
- ARH3331 - Northern Renaissance Art
- ARH3350 - Baroque Art
- ARH3354 - Rubens to Rembrandt: Netherlandish Baroque Art
- ARH3404 - British Art: Hogarth to Hirst
- ARH3410 - Modern European Art I
- ARH3434 - Modern European Art II
- ARH3453 - Post War Art: 1940-1980
- ARH3475 - Contemporary Art: 1980 to Present
- ARH3571 - Islamic Architecture
- ARH3574 - Early Islamic Art
- ARH3583 - Tribal Arts
- ARH3883 - The Apocalypse in Medieval and Early Modern Art
- ARH3930 - Special Topics in Art History
- ARH3955 - Art History on Site
- ART3930 - Special Topics in Art
- ENL3132 - History of the Later British Novel
- ENL3333 - Shakespeare
- ENL4210 - Studies in Medieval Literature
- ENL4220 - Studies in Renaissance Literature
- ENL4230 - Literatures of the Atlantic
- ENL4240 - Studies in British Romantic Literature
- ENL4251 - Studies in Victorian Literature
- FIL4822 - French Cinema
- FIL4828 - Movements in International Film
- FIL4843 - Asian Cinema
- FIL4848 - World Cinema and the Cross-Cultural Encounter
- FRE3350 - (FC) Readings in French Literature and Culture
- FRW3100 - (FC) Survey of French Literature: Pre-19th Century
- LAH3736 - (FC) Modern Latin American History Through Film
- LAS3132 - (FC) Women and Violence in Latin American Literature and Film
- LIT4650 - Comparative Literature
- SPW3030 - Introduction to Literature in Spanish
- SPW3391 - Spanish Cinema
- SPW3399 - Latin American Cinema
- SPW4192 - Food in Latin American Literature and Culture
- SPW4194 - Pirates in Hispanic Literature and Culture
- SPW4373 - Technology and the Latin American Short Story
- SPW4523 - Women's Literature in Latin America
- SPW4600 - Don Quixote: Hero or Fool

Methods, Theories, & Skills Course

Complete at least 1 of the following courses:

- ANT3101 - Fundamentals of Archaeology
- ANT3414 - Principles of Socio Cultural Anthropology
- ANT3514 - Principles of Physical Anthropology
- ANT4083 - Quantitative Methods in Anthropology
- ANT4115 - Archaeological Research Strategies
- ANT4180 - Archaeological Lab Methods
- ANT4497 - Ethnographic Methods
- ANT4821 - Archaeological Field Methods
- COM4561 - Strategic Social Media
- DIG3176 - Introduction to the Digital Humanities
- DIG4152 - Digital Editing and Digital Archives
- DIG4944 - Digital Humanities Internship
- ECO3421 - Econometrics
- ENC4403 - Grant Writing
- ENG3816 - Digital Methods in Literary Studies
- ENG4004 - Research Methods in English
- ENG4013 - Approaches to Literary Interpretation
- FIL3363 - Documentary Production
- FIL4361 - Audio Documentary and Podcasting
- FIL4379 - Advanced Documentary Production
- FIL4945 - Internship in Film Production
- FIN4604 - International Finance
- FRT3800 - French Translation Techniques
- GIS3043 - Introduction to Geographic Information Systems
- GIS4024 - Aerial Surveillance and Mapping
- HIS3051 - (GW) The Craft of the Historian
- HIS4940 - Internship in History
- INS4941 - International Studies Internship
- LIT4940 - Practicum: English
- MAN4942 - Management Internship
- MMC4420 - Mass Communications Research
- MMC4422 - Advertising & PR Research
- PHI3084 - Philosophical Methods
- POS3733 - Research Design for Political Scientists
- POS4945 - Internship/Field Experience
- PGY4004 - History of Photography
- REL3040 - Theories of Religious Studies
- REL3102 - Religion as Culture

- RTV3260 - Single Camera Video Production
- SOW3403 - Social Work Research Methods
- SPC4064 - Public Speaking for Professionals
- SPN3013 - (FC) Spanish For Business
- SPN3036 - (FC) Spanish for Health Professions
- SPN4940 - Internship for Service/Employment in Spanish
- SYA3300 - Sociological Research Methods
- SYA3310 - Qualitative Research Methods
- SYA3450C - Social Science Data Analysis
- TSL4340 - TESOL Methods and Curriculum

Additional Elective Options

Any course listed in the preceding sections can also be a valid elective in this section.

Complete at least 2 of the following courses:

- AFS3262 - African Diaspora Studies
- ANT3312 - (FC) North American Indians
- ASN3106 - (FC) Women and Gender in East Asia
- CHI3930 - (FC) Special Topics in Chinese
- CHT3500 - (FC) Chinese Culture
- COM4430 - International Communication
- CPO3123 - (FC) Politics and Society in Britain and Ireland
- CPO3151 - (FC) Politics and Society in France
- CPO3213 - Politics and Society in Subsaharan Africa
- CPO3402 - Politics of Pakistan and Afghanistan
- CPO3643 - Politics and Society In Russia
- CPO4034 - Politics of Developing Countries
- ECO3704 - International Trade
- ECO4504 - Public Finance
- ECO4713 - The International Monetary System
- FOL3953 - (FC) Advanced Foreign Language Study Abroad
- FOT3931 - (FC) Studies in Foreign Culture
- FRE3502 - (FC) French and Francophone Cultures
- FRE4501 - (FC) France Today
- FRE4930 - (FC) Special Topics in French Culture
- FRT3550 - (FC) Faces of France
- GIS4048 - Intermediate Geographic Information Systems
- HSC4210 - Environmental Health
- HSC4624 - Global Health
- HSC4674 - Global Health: Water, Sanitation and Hygiene
- HSC4730 - Public Health Research
- HSC4931 - Special Topics
- INS4905 - Directed Independent Study
- INR3016 - Global Issues in Contemporary Politics
- INR3084 - Terrorism Today
- INR3153 - American Foreign Policy in the Middle East
- INR3443 - International Law and Organization
- INR4243 - International Politics of Latin America
- INR4334 - American National Security and Defense Policy
- INR4703 - International Political Economy
- INS3951 - Study Abroad Reflection and Synthesis
- LAS3130 - (FC) Latin American Pop Culture
- LDR4263 - Leadership Practicum
- MAN4064 - Organizational Ethics: A Global Perspective
- MAN4201 - Organization Theory
- PGY3952C - Study Abroad: Photography in Italy
- POT3003 - Political Thought and Action
- POT4314 - Democratic Theory
- SOP3515 - Fundamentals of Conflict Transformation
- SPN3510 - Cultures of Spain
- SPN3524 - Latin American Cultures
- SPN3503 - U.S. Hispanic Cultures
- SPN4541 - Advanced Studies in Hispanic Cultures
- SPN3350 - Spanish for Heritage Speakers
- SPN3351 - Communication and Communities for Heritage Speakers
- SOW3293 - Social Work Communication
- SOW3620 - Social Work with Marginalized Groups
- SOW4101 - Human Behavior and the Social Environment I
- SOW4322 - Social Work with Organizations and Communities
- SYA4010 - Sociological Theory
- SYA4943 - Sociology Internship
- SYD3700 - Sociology of Race & Ethnicity
- SYD3800 - Gender and Society
- SYP4351 - Social Movements and Social Change
- SYD4510 - Environment and Society
- SYO3110 - Sociology of Sexualities
- SYO3530 - Social Stratification
- SYO4300 - Political Sociology

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Program Details

Description
International Studies

Code
INS

International Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: International Studies (15 credits)
Type
Completion Requirement

Minor Required Courses

A grade of C or higher is required in all minor coursework. Only 2 courses, or 6 semester hours, may be transferred in to satisfy minor requirements.

Complete ALL of the following Courses:

- INS3003 - Introduction to International Studies

Minor Electives

Select 4 3000-4000 Level Courses
Select 4 courses (3 credits each) from the program of study for the major in International Studies in the UNF Undergraduate Catalog, along with the lists published each semester by the INS Program. Each of the four electives must have a different prefix.

Additional Comments:

Program Details

Description
International Studies

Code
INS

Asian Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Asian Studies (15 credits)
Type
Completion Requirement

Minor Required Courses

A minimum of 6 hours must be taken at UNF. No more than six semester hours of language credit may be counted toward the minor. With the approval of the Asian Studies minor advisor, independent studies and other relevant courses may be counted for credit. In some cases, the Introduction to Asia requirement may be waived. A grade of C or better is required in all minor courses.

Complete ALL of the following Courses:

- ASN2003 - Introduction to Asia

Minor Electives

Complete at least 4 of the following courses:

- ASH3620 - (FC) Asian Art and Culture
- ASH3440 - (FC) Japanese Civilization
- ASH3337 - (FC) Gandhi and Modern India
- PHH3860 - (FC) Japanese Philosophy
- PHH3820 - (FC) Chinese Philosophy
- PHH3811 - The Philosophy of Zen Buddhism
- ASN3106 - (FC) Women and Gender in East Asia
- PHI3932 - Special Topics in Asian Thought and Practice
- ASH3404 - Modern China
- ASH3402 - Traditional China
- ASH3401 - Contemporary China
- PHI3664 - Ethics East and West
- REL3330 - Religions of India
- CHI1120 - (FC) Beginning Chinese I
- CHI1121 - (FC) Beginning Chinese II
- CHI2200 - (FC) Intermediate Chinese I
- CHI2201 - (FC) Intermediate Chinese II

Additional Comments:

Program Details

Description
Asian Studies

Code
INS1

Instructional Planning and Decision-Making, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Instructional Planning & Decision-Making (9 Credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information

Complete ALL of the following Courses:

- EDG6070 - Teacher Thinking and Decision Making In School Settings
- EDE6205 - Effective Practices for Differentiating Instruction
- EDG6067 - Introduction to Teacher Inquiry
  OR EDG6911 - Action Research in Education

Additional Comments:

Program Details

Description
Inst Plan & Dec Making Cert

Code
IPD

Information Science, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Bachelor of Science in Information Science requires 120 total credits that include a minimum of 54 upper-level credits.

School of Computing Policies

- All courses must be completed with a grade of C or better unless noted otherwise.
- Once enrolled at UNF, all remaining prerequisite courses and major/minor requirements must be completed at UNF.
- Satisfactory Progress Policy
  - The School of Computing enforces the "one repeat" rule for all prerequisite and core courses offered by the School for its major programs.
  - Students who do not successfully complete a prerequisite or core requirement for a School of Computing major on the first attempt due to earning a grade of D, F, W, WP, or WF will be granted one chance to repeat the course.
  - Students who do not successfully complete the aforementioned course on the second attempt will be blocked from registering for courses offered by the School of Computing in future semesters.
  - This policy applies whether or not the student has declared a major in a School of Computing program.
- Exit Requirements
  - Proficiency in a high-level programming language.
  - Proficiency in oral communication. To demonstrate satisfactory oral communication skills, students must deliver up to two presentations in an upper-level course offered by the School of Computing. If the first presentation is satisfactory, the second presentation will be waived.

Prerequisites (12 credits)
Type
Completion Requirement

Prerequisites

The Information Science major requires selective admission. Students must meet the following admission criteria with a minimum grade of C prior to officially being admitted to the major. COP2220 Programming 1 and MAC2233 Business Calculus.

Complete ALL of the following Courses:

- COP2220 - Programming I
- CGS1100 - Computer Applications for Business
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Requisites (3 credits)
Type
Completion Requirement

Requisites

SELECT Any public speaking course
SPC4064 Public Speaking for Professionals is recommended.

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- COT3100 - Computational Structures
- COP3503 - Programming II
- COP3530 - Data Structures
- CIS3253 - (GW) Legal and Ethical Issues in Computing
- COP3703 - Introduction to Databases
- CNT4504 - Computer Networks

Additional Comments:

Major Requirements (19 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- COP3855 - Web Systems Development
- CDA4010 - User Interface Design
- COP3813 - Internet Programming
- CAP3784 - Introduction to Data Analytics
- CIS4327 - Information Systems Senior Project I
- CIS4328 - Information Systems Senior Project II

Additional Comments:

Major Electives (9 credits)
Type
Completion Requirement

Additional Comments:
SELECT 9 Credits of the following:

- Any upper (3000-4000) level Computing course (prefix CAI, CAP, CDA, CEN, CIS, CNT, COP, or COT) not used to fulfill other major requirements may be used to satisfy this requirement.
- A maximum of 6 credit hours of CIS3949 Experiential Studies may be taken. No more than 3 credit hours of CIS 3949 may be used to satisfy major or minor electives.

- A maximum of 6 credit hours of CIS4900 Directed Independent Study may be taken. No more than 3 credit hours CIS 4900 may be taken with the same professor.
- Students admitted to the accelerated BS-MS program may take the graduate-level courses CIS6913 Research Methods in Computing (3 Credits) and CEN6074 Information Assurance (3 Credits) to satisfy up to 6 credits of the required 9 major elective credits.

Exit Requirement
Type
Completion Requirement

Additional Comments:
Computer and Information Sciences Oral Exit Requirement: All computing majors must deliver up to two spoken presentations in upper-level computing courses for the evaluation of presentation skills. If the first presentation is satisfactory, then the second evaluated presentation will be waived.

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)
The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Program Details

Description
Information Science

Code
ISI

Information Systems, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:

The Bachelor of Science in Information Systems requires 120 total credits.
School of Computing Policies

- All courses must be completed with a grade of C or better unless noted otherwise.
- Once enrolled at UNF, all remaining prerequisite courses and major/minor requirements must be completed at UNF.
- Satisfactory Progress Policy
  - The School of Computing enforces the "one repeat" rule for all prerequisite and core courses offered by the School for its major programs.
  - Students who do not successfully complete a prerequisite or core requirement for a School of Computing major on the first attempt due to earning a grade of D, F, W, WP, or WF will be granted one chance to repeat the course.
  - Students who do not successfully complete the aforementioned course on the second attempt will be blocked from registering for courses offered by the School of Computing in future semesters.
  - This policy applies whether or not the student has declared a major in a School of Computing program.
- Exit Requirements
  - Proficiency in a high-level programming language.
  - Proficiency in oral communication. To demonstrate satisfactory oral communication skills, students must deliver up to two presentations in an upper-level course offered by the School of Computing. If the first presentation is satisfactory, the second presentation will be waived.

Prerequisites (24 credits)
Type
Completion Requirement

Prerequisites

The Information Systems major requires selective admission. Students must meet the following admission criteria with a minimum grade of C prior to officially being admitted to the major: COP2220 Programming 1 and MAC2233 Business Calculus.

Complete ALL of the following Courses:

- COP2220 - Programming I
- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Requisites (3 credits)
Type
Completion Requirement

Requisites

SELECT Any public speaking course

SPC4064 Public Speaking for Professionals is recommended.

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- COT3100 - Computational Structures
- COP3503 - Programming II
- COP3530 - Data Structures
- CIS3253 - (GW) Legal and Ethical Issues in Computing
- COP3703 - Introduction to Databases
- CNT4504 - Computer Networks

Additional Comments:

Major Requirements (31 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- COP3855 - Web Systems Development
- CDA4010 - User Interface Design
- COP3813 - Internet Programming
- COP4854 - Web Frameworks
- CAP3784 - Introduction to Data Analytics
- CIS4327 - Information Systems Senior Project I
- CIS4328 - Information Systems Senior Project II
- ISM4011 - Introduction to Management Information Systems
- MAN3025 - Principles of Management
- FIN3403 - Financial Management

Additional Comments:

Major Electives (9 credits)
Type
Completion Requirement

Additional Comments:
SELECT 9 Credits of the following:

- Any upper (3000-4000) level Computing course (prefix CAI, CAP, CDA, CEN, CIS, CNT, COP, or COT) not used to fulfill other major requirements may be used to satisfy this requirement.
- A maximum of 6 credit hours of CIS3949 Experiential Studies may be taken. No more than 3 credit hours of CIS 3949 may be used to satisfy major or minor electives.
- A maximum of 6 credit hours of CIS4900 Directed Independent Study may be taken. No more than 3 credit hours CIS 4900 may be taken with the same professor.
- Students admitted to the accelerated BS-MS program may take the graduate-level courses CIS6913 Research Methods in Computing (3 Credits) and CIS6372 Information Assurance (3 Credits) to satisfy up to 6 credits of the required 9 major elective credits.

Exit Requirement

Type
Completion Requirement

Additional Comments:
Computer and Information Sciences Oral Exit Requirement: All computing majors must deliver up to two spoken presentations in upper-level computing courses for the evaluation of presentation skills. If the first presentation is satisfactory, then the second evaluated presentation will be waived.

Program Details

Description
Information Systems

Code
ISY

Information Technology, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Bachelor of Science in Information Technology requires 120 total credits.

School of Computing Policies

- All courses must be completed with a grade of C or better unless noted otherwise.
- Once enrolled at UNF, all remaining prerequisite courses and major/minor requirements must be completed at UNF.
- Satisfactory Progress Policy
  - The School of Computing enforces the "one repeat" rule for all prerequisite and core courses offered by the School for its major programs.
  - Students who do not successfully complete a prerequisite or core requirement for a School of Computing major on the first attempt due to earning a grade of D, F, W, WP, or WF will be granted one chance to repeat the course.
  - Students who do not successfully complete the aforementioned course on the second attempt will be blocked from registering for courses offered by the School of Computing in future semesters.
  - This policy applies whether or not the student has declared a major in a School of Computing program.
- Exit Requirements
  - Proficiency in a high-level programming language.

- Proficiency in oral communication. To demonstrate satisfactory oral communication skills, students must deliver up to two presentations in an upper-level course offered by the School of Computing. If the first presentation is satisfactory, the second presentation will be waived.

Prerequisites (15 credits)
Type
Completion Requirement

Prerequisites - Required Courses

The Information Technology major requires selective admission. Students must meet the following admission criteria with a minimum grade of C prior to officially being admitted to the major: COP2220 Programming 1 and MAC2233 Calculus for Business.

Complete ALL of the following Courses:
- COP2220 - Programming I
- CGS1100 - Computer Applications for Business
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Prerequisites - Public Speaking Requirement

Select Any Public Speaking Course

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:
- COT3100 - Computational Structures
- COP3503 - Programming II
- COP3530 - Data Structures
- CIS3253 - (GW) Legal and Ethical Issues in Computing
- COP3703 - Introduction to Databases
- CNT4504 - Computer Networks

Additional Comments:

Major Requirements (30 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:
- CIS3526 - IT Project Management
- COP4640 - Operating Systems Environments
- CIS4360 - Introduction to Computer Security
- CIS4362 - Computer Cryptography
- CIS4364 - Intrusion Detection
- CIS4365 - Computer Security Policies and Disaster Preparedness
- CIS4366 - Computer Forensics
- CNT4406 - Network Security and Management
- CEN4083 - Introduction to Cloud Computing
- CIS4325 - Introduction to Systems Administration

Additional Comments:

Major Electives (9 credits)
Type
Completion Requirement

Additional Comments:
SELECT 9 Credits of the following:

- Any upper (3000-4000) level Computing course (prefix CAI, CAP, CDA, CEN, CIS, CNT, COP, or COT) not used to fulfill other major requirements may be used to satisfy this requirement.
- A maximum of 6 credit hours of CIS3949 Experiential Studies may be taken. No more than 3 credit hours of CIS 3949 may be used to satisfy major or minor electives.
- A maximum of 6 credit hours of CIS4900 Directed Independent Study may be taken. No more than 3 credit hours CIS 4900 may be taken with the same professor.
- Students admitted to the accelerated BS-MS program may take the graduate-level courses CIS6913 Research Methods in Computing (3 Credits) and CIS6372 Information Assurance (3 Credits) to satisfy up to 6 credits of the required 9 major elective credits.

Exit Requirement
Type
Completion Requirement

Additional Comments:
Computer and Information Sciences Oral Exit Requirement: All computing majors must deliver up to two spoken presentations in upper-level computing courses for the evaluation of presentation skills. If the first presentation is satisfactory, then the second evaluated presentation will be waived.

Program Details

Description
Information Technology

Code
ITC

Instructional Technology, Training and Development, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (3 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:
- EME6442 - Curriculum and Instruction for Adult Learning

Additional Comments:

Major Requirements (21 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EME6601 - Instructional Design and Applications
- EME6344 - Lifelong Learning and Professional Development
- EME6678 - Effective Training Design and Development
- EME6609 - Universal Design for Learning (UDL): Diversity and Inclusion Practices for Training and Development
- EME6226 - Gamification of Learning
- EME6346 - Needs Analysis, Assessment & Data Visualization
- EME6956 - Graduate Capstone: Applied Research & Field Experience

Additional Comments:

Major Electives (6 credits)
Type
Completion Requirement

Major Electives

Complete at least 2 of the following courses:

- EME6046 - Technology and Literacy
- EME6055 - Trends and Issues in Technology, Education, and Training
- EME6405 - Educational Web Design
- EME6409 - Interactive Distance Education
- EME6418 - Educational Multimedia
- EME6441 - Technologies for Special Populations
- EDA6271 - Technology and Educational Leadership (Operational Leadership IV)
- EME5403 - Technology in Education
- EDF6607 - Education in America
- EDF6687 - Foundations of Multicultural and Urban Education
- EDH6069 - Foundations of Higher Education
- EDF6480 - Foundations of Educational Research
- EDG6911 - Action Research in Education
- EDH6510 - Grants Development and Project Design
- EDG6285 - Fundamentals of Program Evaluation
- EDG6287 - Principles of School Accountability and Assessment (Instructional Leadership II)
- EME699X Educational Technology Experimental/Special Topics Courses (3 credits)
- AN ELECTIVE selected in consultation with an Educational Technology faculty advisor.

Additional Comments:

Program Details

Description
Instruct Tech, Training & Dev

Code
ITD

Jewish Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Jewish Studies (15 credits)
Type
Completion Requirement

Minor Required courses

A grade of C or better is required for all minor courses. A minimum of 6 semester hours of upper-level course work must be taken at UNF. 9 semester hours may be transferred in to the minor

Complete ALL of the following Courses:

- REL3102 - Religion as Culture
- REL3630 - American Judaism
  OR PHH3201 - Jewish and Islamic Philosophy in the Classical Tradition

Minor Electives

Complete at least 3 of the following courses:

- ASH3200 - (FC) - Ancient Near East
- ASH3201 - (FC) Ancient Israel
- ASH3223 - (FC) Middle East
- REL3213 - Hebrew Bible/Old Testament
- INR3153 - American Foreign Policy in the Middle East
- EUH3120 - Medieval Europe
- EUH3124 - The Crusades
- EUH3241 - The Holocaust
- EUH3465 - Nazi Germany: Power, Society, and War in Hitler's Reich

Additional Comments:

Program Details

Description
Jewish Studies

Code
JES

International Business, BBA (KEDGE)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type

Completion Requirement

Additional Comments:
The KEDGE/UNF double degree is an exciting opportunity to spend two years at KEDGE and two years at UNF, including a four to six month internship in the United States. Students who complete both the UNF and KEDGE requirements earn two degrees: a Bachelor of Business Administration from UNF and a Bachelor of International Business from KEDGE Business School.

The degree evaluation below reflects only the requirements to earn the UNF degree. In order to earn the KEDGE Business School degree, additional requirements must be met. These are listed on the KEDGE/UNF program website under the Curriculum tab; they include the following:

KEDGE to UNF

- completing additional coursework at KEDGE (France)
- completing a bachelor's thesis
- fulfilling internship experience in the United States

Additionally, visit the university catalog for a list of General Education requirements. Up to 27 credits of General Education requirements can be fulfilled by qualifying French Baccalaureate scores. Any General Education requirement not fulfilled by French Baccalaureate test scores will need to be completed at UNF, which may result in additional time spent at UNF. Select the Curriculum tab on the KEDGE/UNF program website to see the French Baccalaureate Table on the KEDGE program website.

UNF to KEDGE

- completing additional coursework at KEDGE (Marseille, France)
- maintaining a minimun UNF GPA of 2.7 prior to studying at KEDGE
- completing a bachelor's thesis
- fulfilling internship experience in France

International Business majors must apply for a passport in the first semester of the program.

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

UNF to KEDGE

Students are required to complete the S.T.A.R Certification program with the Coggin Career Management Center by the end of their second year at UNF, prior to taking classes at KEDGE Business School.

Students must maintain a minimum 2.7 UNF GPA in order to study abroad at KEDGE Business School in France.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

KEDGE to UNF

MAN4720 is taken during the final semester of on-campus coursework, the semester prior to beginning the internship FIN3403, MAN3025, & MAR3023 must be completed prior to taking MAN4720.

UNF to KEDGE

MAN 4720 is taken in a student's last semester, following completion of the internship in France. FIN3403, MAN3025, & MAR3023 must be completed prior to taking MAN4720. As of Fall 2021, BUL3130, MAN3025 will be taken at KEDGE Business School; MAR3023, FIN3403, MAN3504 and MAN4720 will be taken at UNF.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

You must pre-apply at www.unf.edu/coggin for MAN4720.

Additional Comments:

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

All International Business Majors are required to participate in an approved international educational experience.

KEDGE to UNF

Students are also required to complete the S.T.A.R Certification program with the Coggin Career Management Center prior to starting their mandatory internship.

UNF to KEDGE

MAN4600 and MAR4156 will be taken at KEDGE Business School.

Complete ALL of the following Courses:

- ECO3704 - International Trade
- FIN4604 - International Finance
- MAN4600 - International Management
- MAR4156 - International Marketing

Additional Comments:

Major Electives (6 credits)
Type
Completion Requirement

Major Electives

A grade of "C" or better is required in all courses in this area.

Complete at least 2 of the following courses:

- ACG4956 - Study Abroad in Accounting
- BUL4322 - International Business Law
- ECO4713 - The International Monetary System
- ECO4956 - Study Abroad in Economics
- ECS3013 - Economic Development
- ECS3403 - Current Issues in the Economy of Latin America
- ECS3303 - Current Issues in the Economics of the European Union
- FIN4956 - Study Abroad in Finance
- GEB4956 - Study Abroad in Business
- GEO3502 - Economic Geography
- MAN4064 - Organizational Ethics: A Global Perspective
- MAN4654 - Comparative Business Practices: European Union and the U.S.
- MAN4956 - Study Abroad in Management
- MAR4956 - Study Abroad in Marketing
- SPN3013 - (FC) Spanish For Business
- TAX4901 - Directed Independent Study in Taxation
- TRA4721 - International Logistics
- TRA4956 - Study Abroad in Logistics

Additional Comments:

Internships (3 credits)
Type
Completion Requirement

Internships

KEDGE to UNF

Students must complete the S.T.A.R Certification program prior to beginning their internship. The internship takes place in the United States during the student's final semester(s) at UNF. International students are responsible for procuring appropriate immigration documents within the necessary time frame.

UNF to KEDGE

Internship in France must be completed before final semester.

Complete ALL of the following Courses:

- GEB3361 - International Business Internship

Additional Comments:

Requisites (6 credits)
Type
Completion Requirement

Requisites

Select 2 foreign language courses at the intermediate level or above. Both courses must be in the same language. A grade of "C" of better is required for all courses in this area.

Complete ANY of the following Courses:

- SPN2200 - (FC) Intermediate Spanish I
  AND SPN2201 - (FC) Intermediate Spanish II
- FRE2240 - (FC) Intermediate French I
  AND FRE2241 - (FC) Intermediate French II
- GER2200 - (FC) Intermediate German I
  AND GER2201 - (FC) Intermediate German II
- CHI2200 - (FC) Intermediate Chinese I
  AND CHI2201 - (FC) Intermediate Chinese II

Additional Comments:

Non-Business Requirements (3 credits)
Type
Completion Requirement

Non-Business Requirements

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Additional Comments:
KEDGE to UNF

Select 2 courses (6 hours) from one of the seven regional studies areas. One of the courses must satisfy the Coggin College of Business cultural diversity requirement.

UNF to KEDGE

Regional Studies courses will be taken at KEDGE Business School. For the suggested course sequence, visit your Osprey Map.

ASIAN Studies option
EUROPEAN Studies
LATIN AMER Studies Option
MID EAST & African Studies option
INTER REL International Relations Option
FRENCH LAN French Language Option
SPANISH Language Option

Experimental Courses
Type
Completion Requirement

Additional Comments:
All International Business majors are required to have an international experience prior to graduation. Students with the KEDGE concentration will satisfy this upon completion of their additional KEDGE requirements.

EXPERIENCE International

KEDGE to UNF Concentration Requirements (6 credits)
Type
Completion Requirement

Required Business Courses

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ECO3411 - Business and Economic Statistics

Additional Comments:

UNF to KEDGE Concentration Requirements (6 credits)
Type
Completion Requirement

Required Business Courses

A grade of "C" or better is required for all courses in this area. ISM 4011 will be taken at KEDGE Business School.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ECO3411 - Business and Economic Statistics
  OR MAN4550 - Introduction to Management Science

Additional Comments:

Program Details

Description
International Business

Code
KDG

Kinesiology, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (27 credits)
Type
Completion Requirement

Prerequisites

All prerequisites must be completed with a grade of "C" or higher.

Complete ALL of the following Courses:

- MAC1105 - (GM) College Algebra
- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- STA2023 - (GM) Introductory Statistics
- PSY2012 - Introduction to Psychology
- HUN2201 - Basic Principles of Human Nutrition
- SPC2608 - Fundamentals of Speech

Additional prerequisites for MSAT Program (3 credits preferred but not required, 3 credits recommended)
Course and lab preferred but not required: PHY1028/1028L Introduction to Physics with lab (3 credits)

Note: Prerequisite for MSAT; not required for BS Kinesiology

Recommended: PET 3312C Biomechanics (3 credits)

Additional Comments:

Major Requirements (66 credits)
Type
Completion Requirement

Major Requirements (60 credits)

All Major, elective, and foreign language requirements must be completed prior to internship with a grade of "C" or higher. Any exceptions must have the Program Director's approval. Honors in the major is available for those interested in pursuing research at graduate level after BS Kinesiology graduation. Please contact the Program Director for more information.

Complete ALL of the following Courses:

- HSC4612 - Exercise Physiology for Health Science
- HSC4615L - Lab Methods in Exercise Physiology for Health Science
- HSC3537 - Medical Terminology
- ATR4610 - Research in Sports Medicine
- APK4125 - Exercise Prescription
- PET4550 - Physical Fitness Assessment and Exercise Prescription
- PET3310 - Kinesiology
- APK3091 - Leadership and Professionalism in Kinesiology
- PSY3832 - Psychology of Sport
- PET3080 - Physical Activity Epidemiology
- APK4165 - Bioenergetics
- APK4120C - Clinical Exercise Physiology
- APK4405 - Exercise Psychology
- PEP4135 - Principles of Strength and Conditioning
- PET4943 - Pre-Internship in Kinesiology
- PET4942 - Internship in Kinesiology

Major Electives (6 credits)

Students are free to select 2 major electives. Grades of “C” or higher are required in courses used toward the major. Select 2 courses from the following:

Complete at least 2 of the following courses:

- PET3324C - Gross Anatomy for Health Care Professionals
- PET3312C - Biomechanics
- PET3768C - Practical Skills in Exercise Instruction
- PET4627 - Human Injury: Mechanisms and Prevention
- APK4101 - Skeletal Muscle Structure and Function

Additional Comments:
This program offers an accelerated pathway option. Please visit the program page for additional information including admission requirements and approved curriculum: Kinesiology (BSH) to Athletic Training (MS)

The following courses are for students admitted to the BS Kinesiology to MSAT Accelerated Pathway and require MSAT Program Director approval.

- APK 3091 Lead Prof in Kin (3 credits) or Free Elective (3 credits) will be replaced by ATR 5105C Foundations in Athletic Training (3 credits, summer B only)*. Students have the opportunity to choose the course (Lead Prof in Kin or Free Elective) they would like to replace with ATR 5105C.
- Four credit hours of PET 4942 Internship in Kinesiology (2-6 credits) will be replaced by ATR 5126C Gross Anatomy for Athletic Trainers (4 credits, summer B only)*. BS Kinesiology students will be required to complete PET 4942 Internship in Kinesiology at 2 credits.

Special Notes:

- Completion of the UNF application in the Athletic Training Centralized Application System is not required for students enrolled in the accelerated pathway.

- Lead Prof in Kin or Free Elective and 4 credits of PET 4942 Internship in Kinesiology will be replaced by two graduate courses (ATR 5105C and ATR 5126C). Kinesiology students will be required to take PET 4942 Internship in Kinesiology at 2 credits.

Kinesiology Admission Freshman Concentration
Type
Completion Requirement

Freshman Year Fall Semester (16 credits)

Complete ALL of the following Courses:

- HSC2619 - Introduction to Exercise Science
- ENC1101 - (GW) Writing for Audience and Purpose
- BSC1010C - General Biology I
- MAC1105 - (GM) College Algebra
- HUN2201 - Basic Principles of Human Nutrition

Freshman Year Spring Semester (16 credits)

Complete ALL of the following Courses:

- HSC3537 - Medical Terminology
- BSC2085C - Human Anatomy and Physiology I
- CHM1025 - Introduction to Chemistry
- CHM1025L - Introduction to Chemistry Laboratory
- ENC1143 - (GW) Writing with Evidence and Style
- PSY2012 - Introduction to Psychology

Freshman Year Summer Semester (4 credits)

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
- CHM2045L - General Chemistry I Laboratory

Sophomore Year Fall semester (15 credits)

Complete ALL of the following Courses:

- ATR2000C - Introduction to Sports Medicine
- BSC2086C - Human Anatomy and Physiology II
- STA2023 - (GM) Introductory Statistics
- SPC2608 - Fundamentals of Speech

AND

- ENC 2000-level course (3 credits)

Sophomore Year Spring Semester (12 credits)

Complete ALL of the following Courses:

- PET3324C - Gross Anatomy for Health Care Professionals
- POS2041 - Introduction to American Government
  OR AMH2020 - United States History since 1877

AND

2 additional general education courses (6 credits)

Must attain college overall GPA and BS program prerequisite GPA of greater than 2.75 at the end of the Sophomore Year Summer Semester to remain in the BS-Kinesiology Admission Freshman cohort.

Junior Year Fall Semester (9 credits)

Complete ALL of the following Courses:

- HSC4612 - Exercise Physiology for Health Science
- HSC4615L - Lab Methods in Exercise Physiology for Health Science
- ATR4610 - Research in Sports Medicine

Junior Year Spring Semester (12 credits)

Complete ALL of the following Courses:

- APK4125 - Exercise Prescription
- PET4550 - Physical Fitness Assessment and Exercise Prescription
- PET3310 - Kinesiology

AND

- Major or Free Electives (3 credits)

Junior Year Summer Semester (6 credits)

Complete ALL of the following Courses:

- APK3091 - Leadership and Professionalism in Kinesiology

AND

- Major or free electives (3 credits)

Senior Year Fall Semester (12 credits)

Complete ALL of the following Courses:

- PSY3832 - Psychology of Sport
- PET3080 - Physical Activity Epidemiology
- APK4165 - Bioenergetics

AND

- Major or Free Electives (3 credits)

Senior Year Spring Semester (12 credits)

Complete ALL of the following Courses:

- APK4120C - Clinical Exercise Physiology
- APK4405 - Exercise Psychology
- PEP4135 - Principles of Strength and Conditioning
- PET4943 - Pre-Internship in Kinesiology

Senior Year Summer Semester (6 credits)

Complete ALL of the following Courses:

- PET4942 - Internship in Kinesiology

List of approved major electives

Complete ALL of the following Courses:

- PET3324C - Gross Anatomy for Health Care Professionals
- PET3312C - Biomechanics
- PET3768C - Practical Skills in Exercise Instruction
- PET4627 - Human Injury: Mechanisms and Prevention
- APK4101 - Skeletal Muscle Structure and Function

Additional Comments:
This program offers an accelerated pathway option. Please visit the program page for additional information including admission requirements and approved curriculum: Kinesiology (BSH) to Athletic Training (MS)

The following courses are for students admitted to the BS Kinesiology to MSAT Accelerated Pathway and require MSAT Program Director approval.

- APK 3091 Lead Prof in Kin (3 credits) or Free Elective (3 credits) will be replaced by ATR 5105C Foundations in Athletic Training (3 credits, summer B only)*. Students have the opportunity to choose the course (Lead Prof in Kin or Free Elective) they would like to replace with ATR 5105C.
- Four credit hours of PET 4942 Internship in Kinesiology (2-6 credits) will be replaced by ATR 5126C Gross Anatomy for Athletic Trainers (4 credits, summer B only)*. BS Kinesiology students will be required to complete PET 4942 Internship in Kinesiology at 2 credits.

Special Notes:

- Completion of the UNF application in the Athletic Training Centralized Application System is not required for students enrolled in the accelerated pathway.
- Lead Prof in Kin or Free Elective and 4 credits of PET 4942 Internship in Kinesiology will be replaced by two graduate courses (ATR 5105C and ATR 5126C). Kinesiology students will be required to take PET 4942 Internship in Kinesiology at 2 credits.

Program Details

Description
Kinesiology

Code
KIN

Core K-12 Teaching Skills, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Core K-12 Teaching Skills (12 credits)
Type
Completion Requirement

Certificate Required Courses

This certificate is available to both non-degree and degree-seeking students. Please see the Undergraduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession
- EDF3151 - Educational Psychology
- EDF4444 - Assessment of Learning and Behavior
- EDG4410 - Classroom Management and Communication

Additional Comments:

Program Details

Description
Core K-12 Teach Skills Cert

Code
KTS

Leadership, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Leadership (12 credits)
Type
Completion Requirement

Minor Required Courses

The Leadership Minor is available for all UNF undergraduate students and allows students to distinguish themselves through personal, academic, and professional success. Students learn about the importance of leadership, and how to practice leadership approaches and skills to impact others positively. Through experiential learning, leadership prepares students to develop a deeper understanding of their personal values, leadership skills, strengths, and goals, to frame the learning from their major coursework with the intentional study and practice of leadership. Students benefit from the opportunity to enhance their personal and professional life skills, building their motivation to be confident in striving for success in real workplace and community settings.

For more information go to www.unf.edu/taylor-leadership and visit the Taylor Leadership Institute.
Students can complete the Leadership Minor in 4 semesters or less.

A UNF GPA of 2.0 or higher is required for the Leadership Minor.

Complete ALL of the following Courses:

- LDR3003 - Introduction to Leadership
- LDR4263 - Leadership Practicum

Minor Electives

Select 2 additional elective courses
Select 2 appropriate leadership electives approved by TLI and the faculty teaching the courses

Additional Comments:

Program Details

Description
Leadership

Code
LDR

Learning Design and Technology, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (30 credits)
Type
Completion Requirement

Core Major Requirements

Complete ALL of the following Courses:

- EME3048 - Designing for Learning Platforms
- EME4334 - UDL: Universal Design for Learning
- EME3364 - Research Methods in Learning Design and Technology
- EME3624 - Training Needs Assessment
- EME4043 - Instructional Technology Leadership
- EME4083 - Program Evaluation in Instructional Design and Technology
- EME4673 - Foundations of Instructional Design
- EME4674 - Development of Instructional Materials
- EME4684 - Learning Design and Technology Capstone

EME4686 is to be taken in the final semester of the program.

Additional Comments:

Workforce Learning and Leadership Concentration Requirements (30 credits)
Type
Completion Requirement

Foundation (3 credits)

Students with 60 lower division credits will take fewer Upper Division Electives.

Complete ALL of the following Courses:

- STA2023C - (GM) Introductory Statistics with Recitation

Concentration Required Courses (18 Credits)

Complete ALL of the following Courses:

- EME4223 - Gamification of Learning
- LDR3003 - Introduction to Leadership
- LDR4263 - Leadership Practicum
- EME3342 - Data Analysis and Visualization Design for Instruction
- EME3351 - Adult Learning Theory and Curriculum Development

and, 1 Leadership elective (3 credits)

Major Electives (9 Credits)

Select 9 Credits of Major Electives
Students that take the Foundation course after completing 60 lower division credits take fewer Upper Division Electives. Upper Division Electives can be found in the catalog list in either 3000-level or 4000-level course designation. Advisors will provide students with guidance when choosing these courses that best align with program of study and student interests that may align with complementary undergraduate minors.

EME3044 Issues and Trends in Learning Design & Technology (3 credits) may be repeated as an Upper Division Electives for a maximum of 9 credit hours with approval from the program director(s) in addition to or in lieu of courses where appropriate as defined by program leadership. It is offered as a rotating course with a current topics/experimental course as defined by the semester in which it is delivered.

Additional Comments:

Professional Education Concentration Requirements (30 Credits)
Type
Completion Requirement

Concentration Required Courses (18 Credits)

Select 18 3000-4000 Level Credits in Education
EDF / EDG / EEC / EEX / EHD / RED / SSE / TSL / MAE / SCE / SMT

The following courses are excluded: EEC 4942, EEX 4961, EHD 4944, RED 4844

Major Electives (12 Credits)

Select 12 Credits of Major Electives
Upper Division Electives can be found in the catalog list in either 3000-level or 4000-level course designation. Advisors will provide students with guidance when choosing these courses that best align with program of study and student interests that may align with complementary undergraduate minors.

EME3044 Issues and Trends in Learning Design & Technology (3 credits) may be repeated as an Upper Division Electives for a maximum of 9 credit hours with approval from the program director(s) in addition to or in lieu of courses where appropriate as defined by program leadership. It is offered as a rotating course with a current topics/experimental course as defined by the semester in which it is delivered.

Additional Comments:

Program Details

Description
Learning Design and Technology

Code
LDT

Learning Design and Technology, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Learning Design and Technology (12 credits)

Type
Completion Requirement

Minor Required Courses

A grade of C or better is required for all minor courses. No more than 6 semester hours or 2 courses of transfer credits may be used in the minor. Only 6 semester hours of lower-level credit may be used. A minimum of 9 semester hours must be upper level.

Complete ALL of the following Courses:

- EME2040 - Introduction to Educational Technology for Learning Professionals

Minor Electives

Complete at least 3 of the following courses:

- EME3045 - Technology Tools and Skills for Effective Communication
- EME3047 - Technology Tools and Skills for Effective Presentation
- EME3048 - Designing for Learning Platforms
- EME3044 - Issues and Trends in Educational Technology

Additional Comments:

Program Details

Description
Learning Design and Technology

Code
LDT

Literature, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Literature (15 credits)
Type
Completion Requirement

Minor Required Courses

The literature minor is for students who wish to increase their knowledge of important authors, texts, and contexts. Students with aspirations toward fully understanding and appreciating the English-language literary tradition from its origins to the present will be well served by this minor, as will students who wish to develop critical reading and writing abilities necessary for graduate study of literature as well as law, business, and other fields in which a clear comprehension of complex rhetoric and communication is essential. The Literature minor will be especially attractive to English majors, majors in other overlapping areas in the humanities such as History and Philosophy, and all students with interdisciplinary interests that include literature.

For English Major students: Courses used in the English major may not be used to satisfy requirements for the Literature minor.

Complete at least 3 of the following courses:

- AML2010 - American Literature I
- AML2020 - American Literature II
- ENL2012 - British Literature I
- ENL2022 - British Literature II

Minor Electives

Select 2 3000-4000 Level Electives
One Elective must be focused on the **early period**, approved by advisor (may be single-author, theme-based, etc.), with the following prefixes: AML, ENL, LIT, or ENG.

One Elective must be focused on the **late period**, approved by advisor (may be single-author, theme-based, etc.), with the following prefixes: AML, ENL, LIT, or ENG.

Additional Comments:

Program Details

Description
Literature

Code
LIT

Law, Politics, and Ethics, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Law, Politics, and Ethics (15 credits)
Type
Completion Requirement

Minor Required Courses

Of the total 15 hours for the minor, 12 must be upper level. A minimum of 9 semester hours in philosophy must be taken at UNF. 6 semester hours may be transferred towards the minor. A grade of C or better is required for all minor courses.

Complete at least 1 of the following courses:

- PHI3601 - Ethics
- PHM3304 - Political Philosophy
- PHM3400 - Philosophy of Law

Minor Electives

Earn at least 12 credits from the following:

- PHH3100 - Ancient Greek Philosophy
- PHH3104 - Socrates and the Sophists
- PHI3084 - Philosophical Methods

- PHI3453 - Philosophy of Psychology
- PHI3601 - Ethics
- PHI3632 - Feminist Philosophy
- PHI3633 - Bioethics
- PHI3640 - Environmental Ethics
- PHI3664 - Ethics East and West
- PHI3637 - Ethical Issues in Public Health
- PHI3670 - Relativism and Disagreement
- PHI3674 - Lies and Self Deception
- PHI3930 - Selected Topics
- PHI3934 - Selected Topics in Value Theory
- PHI4420 - Philosophy of the Social Sciences
- PHI4641 - Business Ethics
- PHI4905 - Directed Individual Study
- PHI4930 - Special Topics in Philosophy
- PHM3020 - Philosophy of Love and Sex
- PHM3050 - Ethical Issues in Death and Dying
- PHM3128 - Philosophy of Race and Racism
- PHM3304 - Political Philosophy
- PHM3361 - Philosophy of Democracy
- PHM3362 - Global Justice
- PHM3400 - Philosophy of Law
- PHM4100 - Social Philosophy
- PHM4340 - Contemporary Political Philosophy
- PHP3786 - Existentialism
- PHP3790 - American Philosophy
- REL3127 - Religion and the Courts
- PHI2010 - (GW) Introduction to Philosophy
  OR PHI2100 - (GW) Critical Thinking: The Art of Reasoning
  OR PHI2101 - Introduction to Logic
  OR PHI2630 - (GW) Critical Thinking: Ethical Issues

The above courses are recommended, but any thematically relevant 3/4000 level philosophy course may be used, with approval from the program director.

Additional Comments:

Program Details

Description
Law, Politics, and Ethics

Code
LPE

Teacher Leadership for Professional & Student Learning, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Teacher Leadership for Professional & Student Learning (9 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EDS6050 - Instructional Leadership (Instructional Leadership IV)
- EDG6067 - Introduction to Teacher Inquiry
- EDG6348 - Coaching and Mentoring for Effective Teaching and Instruction

Additional Comments:

Program Details

Description
Tchr Ldrshp for Prof & Stu Cer

Code
LPS

Logistics & Supply Chain Management, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Logistics & Supply Chain Management (9 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Students apply for the certificate program through the Graduate School and must meet admission requirements. Please see the Graduate Certificate Programs page for more information.

Nine credit hours will be required for the Logistics & Supply Chain Management certificate. Six credit hours required courses plus one (1) three credit elective from the list provided. In order to receive the Logistics & Supply Chain Management Certificate students must have an average GPA in certificate courses of 3.0 or better and no grade below a 'C'.

Complete ALL of the following Courses:

- TRA6157 - Supply Chain Management
- TRA6216 - Strategic Logistics Management

Certificate Electives

Complete at least 1 of the following courses:

- TRA6015 - Graduate Survey in Transportation
- TRA6725 - International Logistics

Additional Comments:

Program Details

Description
Logistics & Supply Chain Mgmt

Code
LSC

Logistics & Supply Chain Management, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
This program requires 30 credit hours of 6000-level courses.

- A maximum of 9 credit hours of graduate level coursework can be transferred into the degree with program review and approval. Transient/concurrent enrollment at other institutions is not permitted.
- Transfer coursework must come from an AACSB accredited institution and you must have a "B" or higher.
- Students seeking a second Masters degree must complete at least 21 credit hours of new coursework at UNF.
- A 3.00 program GPA is required for graduation and to be in good academic standing. A "C" or higher is required in all courses. Your GPA will reflect all repeated courses even though credit for a course may be received only once.

Core Requirements (24 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- ECO6415 - Making Decisions with Data
- MAN6501 - Modeling and Management of Operations
- TRA6137 - Strategic Sourcing
- TRA6015 - Graduate Survey in Transportation
- TRA6157 - Supply Chain Management
- TRA6216 - Strategic Logistics Management
- TRA6725 - International Logistics
- TRA6906 - Research Project

Additional Comments:

Major Electives (6 credits)
Type

Completion Requirement

Major Electives

Complete at least 2 of the following courses:

- ECO6705 - The Global Economy
- GEO6506 - Economic Geography and Geographic Information Systems
- MAN6931 - Special Topics in Management
- MAN6525 - Process Management and Quality Improvements
- ISM6021 - Management of Information Technology
- ISM6419 - Data Visualization
- ISM6404 - Applications of Business Analytics
- MAN6726 - Advanced Strategic Management

Additional Comments:

Program Details

Description
Logistics & Supply Chain Mgmt

Code
LSM

Math Education (6-12), BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (15 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisite coursework.

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- SELECT 1 4-credit Math Elective:
  MACXXXX
  MTGXXXX
  MASXXXX

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDF3151 - Educational Psychology
- EDF4444 - Assessment of Learning and Behavior
- EDG3323 - The Learning Process
- EDG4410 - Classroom Management and Communication
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings
- RED4333 - Reading and Writing Across the Curriculum

Additional Comments:
EDG3323 has a mandatory field component of 30 hours for secondary education majors.

Major Requirements (28 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- MAC2313 - (GM) Calculus III
- MAS3105 - (GM) Linear Algebra
- MAS3203 - (GM) Number Theory
- MHF3202 - (GM) Foundation of Mathematics
- MTG3212 - (GM) Modern Geometry
- SMT4664 - Problem-Based Instruction Math-Science
- STA4321 - (GM) Probability and Statistics
- TSL4324 - TESOL for Secondary Content Area Teachers

Additional Comments:
SMT 4664 has a mandatory field component of 30 hours for secondary education majors.

Culminating Experience (12 credits)
Type
Completion Requirement

Culminating Experience

All degree coursework must be completed satisfactorily before enrolling in the Internship. Fall internship applications are due on the 4th Friday of the previous spring term. Spring internship applications are due on the 4th Friday of the previous fall term.

Complete ALL of the following Courses:

- ESE4943 - Student Internship

RED4657: Language and Cognitive Foundations for Reading (3 Credits)*

*Course pending state approval

Additional Comments:

Program Details

Description
Math Education

Code
MAE

Business Management, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better required in all core courses.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

Additional Comments:

Major Requirements (30 credits)
Type
Completion Requirement

Major Requirements

A grade of "C" or better required in all major courses.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- MAN4240 - Organizational Behavior
- MAN4301 - Human Resource Management

- MAN4550 - Introduction to Management Science
- MAN4600 - International Management
- MAN4583 - Project Management

Major Electives

Select four 3000-4000 level MAN courses
MAN/GEB/ISM/BUL

Additional Comments:

Required Business (3 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required in all courses in this area.

Complete ALL of the following Courses:

- ECO3411 - Business and Economic Statistics

Additional Comments:

Business Electives (3 credits)
Type
Completion Requirement

Business Electives

A grade of "C" or better is required in all courses in this area.

SELECT one 3000-4000 level business course
ACG/BUL/ECO/ECP/ECS/ENT/FIN/GEB/GEO/ISM/MAN/MAR/REE/RMI/SCM/TAX/TRA/GIS

(ISM 4011 is specifically excluded)

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Non-Business Requirements

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

AND one cultural diversity course. The Cultural Diversity course should be chosen from the list on the Coggin Advising website.

Additional Comments:

Program Details

Description
Business Management

Code
MAN

Business Management, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Business Management (12 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available only to students majoring outside Business. The minor requires 12 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- MAN3025 - Principles of Management

Minor Electives

Select 3 additional 3000-4000 level courses from:

Complete ANY of the following Courses:

- GEB4113 - Entrepreneurship
- GEB3132 - Family Business Management

or any MAN, ISM, or BUL prefix for a total of 9 credit hours.

Additional Comments:

Program Details

Description
Business Management

Code
MAN

Business Management for Non-Management Business Majors, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Business Management for Non-Management Business Majors (12 Credits)
Type
Completion Requirement

Minor Required Courses

This minor is available to students in a Business major. The minor requires 12 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete at least 2 of the following courses:

- ISM4011 - Introduction to Management Information Systems
- MAN4240 - Organizational Behavior
- MAN4301 - Human Resource Management
- MAN4600 - International Management

Minor Electives

Select 2 additional elective courses
Select 2 3000-4000 level courses from the following prefixes: MAN / GEB / ISM / BUL

(BUL 3130, MAN 3025, MAN 3504, and MAN 4720 are excluded from fulfilling this requirement. Courses taken to fulfill the requirements for another management minor are excluded from fulfilling this requirement.)

Additional Comments:

Program Details

Description
Bus Mgmt (Non-Mgmt Bus Majors)

Code
MAN1

Marketing, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Additional Comments:
Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

Major Requirements (24 credits)
Type
Completion Requirement

Major Requirements

A grade of "C" or better is required in all major courses.

Complete ALL of the following Courses:

- MAR4503 - Consumer Behavior
- MAR4613 - Marketing Research and Information
- MAR4803 - Strategic Marketing
- MAR4721 - Digital Marketing Strategy
  OR MAR4325 - Social Media Marketing Strategy
  OR MAR4615 - Introduction to Marketing Analytics

And

Select four 3000-4000 level Marketing (MAR) courses
Consult the UNF Catalog for course prerequisites.

Additional Comments:

Required Business (12 credits)
Type
Completion Requirement

Required Business

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ECO3411 - Business and Economic Statistics
  OR MAN4550 - Introduction to Management Science
- MAN4600 - International Management
  OR MAR4156 - International Marketing
  OR TRA4721 - International Logistics
  OR ECO3704 - International Trade

And

Select two 3000-4000 Level Courses:
ACG / BUL / ECO / ECP / ECS / ENT / GEO / ISM / MAN / MAR / SCM / TAX / TRA
Consult the UNF Catalog for course prerequisites.

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Non-Business Requirements

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

AND one cultural diversity course. The Cultural Diversity course should be chosen from the list on the Coggin Advising website.

Additional Comments:

Program Details

Description
Marketing

Code
MAR

Marketing, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Marketing for Non-Business Majors (12 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available only to students majoring outside of Business. The minor requires 12 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- MAR3023 - Principles of Marketing
- MAR4503 - Consumer Behavior

Minor Electives

Select 2 additional elective courses
Select 2 additional 3000-4000 level courses with a prefix of MAR

Additional Comments:

Minor: Marketing for Business Majors (12 credits)
Type
Completion Requirement

Minor Required Courses

This minor is available only to students majoring in Business. The minor requires 12 semester hours which must be taken at UNF. MAR 3023 is a prerequisite to the minor. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- MAR4503 - Consumer Behavior
- MAR4613 - Marketing Research and Information

Minor Electives

Select 2 additional elective courses
Select 2 additional 3000-4000 level courses with a prefix of MAR

(MAR 3023 is excluded as an elective course option.)

Additional Comments:

Program Details

Description
Marketing

Code
MAR

Mathematics, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (22 credits)
Type
Completion Requirement

Prerequisites

Requires grades of C or above.

Complete ALL of the following Courses:

- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- MAP2302 - (GM) Ordinary Differential Equations

AND

- Scientific Computer Programming Course: Department recommends a computer programming language (COP) course in PASCAL, FORTRAN, C, C+, C++
- Science Requirement : 1 laboratory-based science course designed for science majors in BSC CHM PHY GLY

Additional Comments:

Major Requirements (35 credits)

Type
Completion Requirement

Required Courses (19 credits)

Grades of C or above required in all major courses. Note: All transfer courses require prior approval of department chairperson. The math department recommends MAA 4211, MAA 4212 and MAS 4302 be taken in the senior year.

Complete ALL of the following Courses:

- MHF3202 - (GM) Foundation of Mathematics
- MAS3105 - (GM) Linear Algebra
- MAS4301 - (GM) Abstract Algebra I
- MAA4211 - (GM) Advanced Calculus I
- MAA4212 - (GM) Advanced Calculus II
  OR MAS4302 - Abstract Algebra II

Contextual Courses (4 credits)

Complete ALL of the following Courses:

- STA4321 - (GM) Probability and Statistics

Major Electives (9 credits)

Earn at least 9 credits from the following:

- MAA4402 - (GM) Complex Analysis
- MAA4212 - (GM) Advanced Calculus II
- MAD3107 - (GM) Discrete Mathematics
- MAD4203 - Combinatorics
- MAD4301 - Graph Theory
- MAD4401 - (GM) Numerical Analysis
- MAD4505 - Discrete Biomathematics
- MAP3170 - Financial Mathematics for Actuarial Science
- MAP4231 - (GM) Operations Research
- MAP4341 - (GM) Elementary Partial Differential Equations
- MAS3203 - (GM) Number Theory
- MAS4156 - (GM) Vector Analysis
- MAS4302 - Abstract Algebra II
- MHF3404 - (GM) History of Mathematics
- MTG3212 - (GM) Modern Geometry
- MTG4302 - (GM) Elementary Topology
- STA4322 - (GM) Statistical Theory
- STA4672 - Probability Models with Applications to Actuarial Science
- MAP4103 - Mathematical Modeling
- MAP4314 - Dynamical Systems

Capstone Experience (3 credits)

Complete ALL of the following Courses:

- MAS4932 - Capstone Experience in Mathematics
- MAS4900 - Research Experience in Mathematics – Independent Study

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.*

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 hrs of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from the minor requirement.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select 1 two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Mathematics

Code
MAS

Mathematics, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (22 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- MAP2302 - (GM) Ordinary Differential Equations

AND

- SCIENTIFIC COMPUTER PROGRAMMING COURSE: Department recommends a computer programming language course (COP) in PASCAL, FORTRAN, C, C+, C++
- SCIENCE REQUIREMENT: One laboratory-based science course designed for science majors in BSC, CHM, PHY, or GLY

Additional Comments:

Contextual Courses (4 credits)
Type
Completion Requirement

Contextual Courses

Complete ALL of the following Courses:

- STA4321 - (GM) Probability and Statistics

Additional Comments:

Capstone Experience (3 credits)
Type
Completion Requirement

Capstone Experience

Complete ALL of the following Courses:

- MAS4932 - Capstone Experience in Mathematics
  OR MAS4900 - Research Experience in Mathematics – Independent Study

Additional Comments:

Applied Mathematics Concentration (33 credits + minor)
Type
Completion Requirement

Required Courses (15 credits)

Grades of C or above required in all major courses.

Complete ALL of the following Courses:

- MHF3202 - (GM) Foundation of Mathematics
- MAS3105 - (GM) Linear Algebra
- MAA4211 - (GM) Advanced Calculus I
- MAD4401 - (GM) Numerical Analysis

Major Requirements (6 credits)

Complete at least 2 of the following courses:

- MAP4341 - (GM) Elementary Partial Differential Equations
- MAP4103 - Mathematical Modeling
- MAP4314 - Dynamical Systems

Major Electives (12 credits)

Complete at least 4 of the following courses:

- MAA4212 - (GM) Advanced Calculus II
- MAA4402 - (GM) Complex Analysis
- MAD3107 - (GM) Discrete Mathematics
- MAD4203 - Combinatorics
- MAD4301 - Graph Theory
- MAD4505 - Discrete Biomathematics
- MAP3170 - Financial Mathematics for Actuarial Science
- MAP4231 - (GM) Operations Research
- MAS3203 - (GM) Number Theory
- MAS4156 - (GM) Vector Analysis
- MTG4302 - (GM) Elementary Topology
- STA4322 - (GM) Statistical Theory
- STA4672 - Probability Models with Applications to Actuarial Science
- STA3163 - (GM) Statistical Methods I

Minor Required

Bachelor of Science students majoring in mathematics or statistics must select a minor from among biology, physics, computer science, statistics (for mathematics majors only), chemistry, economics, business, or mathematics (for statistics majors only). Double majors are exempt from a minor

Minor Required

Additional Comments:

Discrete Analysis Concentration (36 credits + minor)
Type
Completion Requirement

Required Courses (30 credits)

Grades of C or above required in all major courses.

Complete ALL of the following Courses:

- MAS3105 - (GM) Linear Algebra
- MAD3107 - (GM) Discrete Mathematics
- MHF3202 - (GM) Foundation of Mathematics
- COP3503 - Programming II
- COT3210 - Theory of Computation
- MAS4301 - (GM) Abstract Algebra I
- MAD4203 - Combinatorics
  OR COT4111 - Computational Structures II
- MAD4301 - Graph Theory
  OR COT4560 - Applied Graph Theory
- MAD4505 - Discrete Biomathematics
  OR COT4461 - Computational Biology

Major Electives (6 credits)

Complete at least 2 of the following courses:

- MAD4401 - (GM) Numerical Analysis
- MAP4231 - (GM) Operations Research
- MAS3203 - (GM) Number Theory
- MAS4302 - Abstract Algebra II
- MTG4302 - (GM) Elementary Topology
- STA4322 - (GM) Statistical Theory

Intensive Mathematics Option (15 credits)

Choose 1 of the following options:

- Option 1: Intensive Mathematics Option
  A. Senior Thesis (1-4 hours) and Approved Upper Level Electives (11-14 hours) OR
  B. Approved Upper Level Electives (15 hours)
- Option 2: Completion of a STEM or Professional Education Minor from the list below (15 credits)
  Computer Science Minor
  Statistics Minor for BS Math Majors
  Biology Minor
  Chemistry Minor
  Professional Education Minor: This minor satisfies the minimum professional education requirements for alternative teacher certification in the state of Florida. Students choosing this minor may use MHF 3404 History of Mathematics and MTG 3212 Modern Geometry as major electives.

Additional Comments:

No Concentration Requirements (31 credits + minor)
Type
Completion Requirement

Required Courses (19 credits)

Grades of C or above required in all major courses.
Note: All transfer courses require prior approval of department chairperson.
The math department recommends MAA 4211, MAA 4212 and MAS 4302 be taken in the senior year.

Complete ALL of the following Courses:

- MHF3202 - (GM) Foundation of Mathematics
- MAS3105 - (GM) Linear Algebra
- MAS4301 - (GM) Abstract Algebra I
- MAA4211 - (GM) Advanced Calculus I
- MAA4212 - (GM) Advanced Calculus II
  OR MAS4302 - Abstract Algebra II

Major Electives (12 credits)

Complete at least 4 of the following courses:

- MAA4402 - (GM) Complex Analysis
- MAA4212 - (GM) Advanced Calculus II
- MAD3107 - (GM) Discrete Mathematics
- MAD4203 - Combinatorics
- MAD4301 - Graph Theory
- MAD4401 - (GM) Numerical Analysis
- MAD4505 - Discrete Biomathematics
- MAP3170 - Financial Mathematics for Actuarial Science
- MAP4231 - (GM) Operations Research
- MAP4341 - (GM) Elementary Partial Differential Equations
- MAS3203 - (GM) Number Theory
- MAS4156 - (GM) Vector Analysis
- MAS4302 - Abstract Algebra II
- MHF3404 - (GM) History of Mathematics
- MTG3212 - (GM) Modern Geometry
- MTG4302 - (GM) Elementary Topology
- STA4322 - (GM) Statistical Theory
- STA4672 - Probability Models with Applications to Actuarial Science
- MAP4103 - Mathematical Modeling
- MAP4314 - Dynamical Systems

Minor Required

Bachelor of Science students majoring in mathematics or statistics must select a minor from among biology, physics, computer science, statistics (for mathematics majors only), chemistry, economics, business, or mathematics (for statistics majors only). Double majors are exempt from a minor.

Minor Required

Additional Comments:

Program Details

Description
Mathematics

Code
MAS

Mathematical Science, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Applicants must hold a bachelor's degree in mathematics, applied mathematics, statistics, or a related field with at least 3.0 GPA (or equivalent) in the major from an accredited university or college. Meeting the minimum requirements does not guarantee acceptance to the program.

Major Requirements (15 credits)
Type
Completion Requirement

Major Requirements

Students must apply to graduate by the published deadline during their final semester.
Grades of B or better are required in all graduate courses.
A minimum of 32 semester hours are required for the degree.

Complete ALL of the following Courses:

- MAS6145 - Advanced Linear Algebra
- STA6446 - Probability

- STA6166 - Statistical Methods I
- STA6326 - Mathematical Statistics I
- MAD6405 - Numerical Analysis

Additional Comments:

Statistics Concentration (17 credits)
Type
Completion Requirement

Concentration Requirements (3 credits)

Complete ALL of the following Courses:
- STA6106 - Computer-Intensive Methods in Statistics

Concentration Electives (14 credits)

May include no more than 6 semester hours of thesis.

Earn at least 14 credits from the following:
- MAD6115 - Discrete Mathematical Structures
- MAP6246 - Linear Programming
- MAP6195 - Analysis of Large Data Sets
- MAP6489 - Mathematical Biology
- MAP6605 - Topics in Financial Mathematics
- STA6167 - Statistical Methods II
- STA6205 - Design of Experiments
- STA6226 - Sampling
- STA6327 - Mathematical Statistics II
- STA6505 - Categorical Data Analysis
- STA6666 - Statistical Quality Control
- STA6703 - Statistical Learning with Big Data
- STA6707 - Multivariate Methods
- STA6908 - Directed Individual Study
- STA6938 - Seminar in Statistics
- STA6940 - Statistical Consulting
- STA6971 - Thesis

Additional Comments:

Mathematics Concentration (17 credits)
Type
Completion Requirement

Concentration Requirements (3 credits)

Complete ALL of the following Courses:
- MAP6385 - Scientific Computing

Concentration Electives (14 credits)

May include no more than 6 semester hours of thesis.

Earn at least 14 credits from the following:
- MAA6417 - Complex Analysis
- MAD6115 - Discrete Mathematical Structures
- MAP6246 - Linear Programming
- MAP6195 - Analysis of Large Data Sets
- MAP6336 - Ordinary Differential Equations
- MAP6345 - Partial Differential Equations
- MAP6605 - Topics in Financial Mathematics
- MAS6218 - Topics in Number Theory
- MAS6311 - Abstract Algebra
- MAP6489 - Mathematical Biology
- MAS6933 - Topics in Algebra
- MAS6938 - Topics in Applied Algebra
- MAT6908 - Directed Individual Study
- MAT6933 - Special Topics in Mathematics
- MAT6971 - Thesis
- STA6666 - Statistical Quality Control
- STA6703 - Statistical Learning with Big Data

Additional Comments:

Program Details

Description
Mathematical Science

Code
MAT

Mathematics, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Mathematics (24-28 credits)
Type
Completion Requirement

Minor Required Courses

A grade of C or better is required for all minor courses and prerequisites.

Complete ALL of the following Courses:
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II

Minor Required Courses: Option A (7-8 credits)

B.A. and B.S. Statistics Majors are required to take Option A. Statistics Majors may use at most one course with prefix STA for this minor.

Complete ALL of the following Courses:
- MAC2313 - (GM) Calculus III
- MAP2302 - (GM) Ordinary Differential Equations
  OR MAS3105 - (GM) Linear Algebra

Minor Required Courses: Option B (7 credits)

Complete ALL of the following Courses:
- MAS3105 - (GM) Linear Algebra
- MAD3107 - (GM) Discrete Mathematics
  OR COT3100 - Computational Structures

Students using COT 3100 for this requirement may not use MAD 3107 as one of their minor electives.

Minor Elective Courses (9-12 credits)

Earn at least 9 credits from the following:

- MAA4211 - (GM) Advanced Calculus I
- MAA4212 - (GM) Advanced Calculus II
- MAA4402 - (GM) Complex Analysis
- MAC2313 - (GM) Calculus III
- MAD3107 - (GM) Discrete Mathematics
- MAD4203 - Combinatorics
- MAD4301 - Graph Theory
- MAD4401 - (GM) Numerical Analysis
- MAD4505 - Discrete Biomathematics
- MAP2302 - (GM) Ordinary Differential Equations
- MAP3170 - Financial Mathematics for Actuarial Science
- MAP4103 - Mathematical Modeling
- MAP4231 - (GM) Operations Research
- MAP4314 - Dynamical Systems
- MAP4341 - (GM) Elementary Partial Differential Equations
- MAS3105 - (GM) Linear Algebra
- MAS3203 - (GM) Number Theory
- MAS4301 - (GM) Abstract Algebra I
- MAS4302 - Abstract Algebra II
- MAS4156 - (GM) Vector Analysis
- MHF3202 - (GM) Foundation of Mathematics
- MTG3212 - (GM) Modern Geometry
- MTG4302 - (GM) Elementary Topology
- STA4321 - (GM) Probability and Statistics
- STA4322 - (GM) Statistical Theory
- STA4672 - Probability Models with Applications to Actuarial Science

Additional Comments:

Program Details

Description
Mathematics

Code
MAT3

Mass Communication, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Mass Communication (15 credits)
Type
Completion Requirement

Minor Required Courses

Courses must be taken in sequence. A prerequisite course must be completed before the course that requires the prerequisite. Written permission from the department chair is required to override either of these policies. No more than 6 semester hours of transfer courses may be used in the minor. 3 hours of lower level courses may be used. A grade of C or better is required in all minor courses and prerequisites. Majors in Communication may not pursue minors in either of the two communication minors.

Complete ALL of the following Courses:

- MMC1004 - Media Literacy
- MMC3105 - Advanced Writing for the Media

Minor Electives

Complete at least 3 of the following courses:

- ADV3008 - Principles of Advertising
- MMC4500 - History of Mass Communication
- PUR3000 - Principles of Public Relations
- MMC3200 - Law and Ethics of Communications
- RTV3001 - Principles of Broadcasting
- SPC4064 - Public Speaking for Professionals
- JOU3109 - Multimedia Reporting
- PUR3100 - Public Relations Writing
- ADV3101 - Advertising Creative Strategy

Additional Comments:

Program Details

Description
Mass Communication

Code
MCM

Mechanical Engineering, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
General Education requirements for engineering students differ from other majors. Do not register for general education courses without consulting your academic advisor.

Prerequisites (27 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or higher is required in all Engineering prerequisite courses.

Additionally, the engineering majors are selective admission majors. Students must meet the following admission criteria with a minimum grade of C prior to officially being admitted to the major: MAC2311 Calculus 1, PHY2048C Calc-based Physics I, and CHM2045+L Gen Chemistry I + Lab. *Chemistry Lab not required for Electrical Engineering.

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- MAP2302 - (GM) Ordinary Differential Equations
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

Additional Comments:

Foundation (17 credits)
Type
Completion Requirement

Foundation

Complete ALL of the following Courses:

- COP2220 - Programming I
- EEL3111 - Circuit Analysis I
- EGN1001C - Introduction to Engineering I
- EGN3311 - Statics
- STA3032 - (GM) Probability and Statistics for Engineers
- ENC3246 - Professional Communication for Engineering

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EGN3203 - Modern Computational Methods
- EGN3321 - Dynamics
- EGN3331 - Strength of Materials
- EML3100 - Thermodynamics I
- EML4551 - Senior Capstone Design I
- EML4552 - Senior Capstone Design II

Additional Comments:

Major Requirements (31 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EMA3010 - Introduction to Materials Science and Engineering
- EML3015 - Fluids
- EML3101 - Thermodynamics II
- EML3535C - Modern Engineering CAD
- EML4004L - Thermal Sciences Laboratory II
- EML4140 - Heat Transfer
- EML4301C - Control of Machinery
- EML4304L - Thermal Sciences Laboratory I
- EML4312 - Modeling and Analysis of Dynamic Systems
- EML4320C - Integrated Design and Manufacturing
- EML4501 - Machine Design
- EML4507C - Finite Element Model/Analysis

Additional Comments:

Technical Electives (12 credits)
Type
Completion Requirement

Technical Electives

Earn at least 12 credits from the following:

- BME4211 - Mechanics of the Human Body
- BME4745C - Modeling in Biomechanics
- BME4910C - Research in Biomechanics
- EML4541 - Design Against Mechanical Failure
- EML4328C - Applied Programmable Logic Controllers for ME
- EML4544 - Materials and Handling I
- EML4622 - Clean and Renewable Energy Technology
- EML4950C - Formula Race Car
- EML4806 - Robotics Engineering
- EML4905 - Directed Individual Study
- EML4911 - Supervised Undergraduate Research
- EML4421 - Internal Combustion Engines
- EML4930 - Special Topics in Mechanical Engineering
- EML4949 - Mechanical Engineering Internship
- EGN4042 - Problem Solving and Continuous Improvement Methods for Engineers
- EMA4502 - Materials Characterization
- EMA4704 - Materials Selection
- EGS3065 - Professional Issues in Engineering
- Or Any other 3000 or 4000 level courses with either an EML, EGN, or EMA prefix taken at UNF
- Students may take no more than 6 credit hours (UNF courses only) at either 3000 or 4000 level from Chemistry, Physics, Mathematics, Computing, Civil Engineering, or Electrical Engineering to count towards technical elective credit hours. Students must secure approval from the School of Engineering Director prior to registering when taking a course from these disciplines.

A maximum of 12 credit hours of graduate level course work can be taken while in undergraduate status and counted towards a graduate degree, but a maximum of 6 credit hours of graduate level course work may be used towards technical electives at the undergraduate level. Students wishing to take graduate credits while in undergraduate status must receive approval from the School of Engineering Director prior to registering for the graduate level course(s).

Additional Comments:

Program Details

Description
Mechanical Engineering

Code
MEC

Mechanical Engineering, MSME

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The Mechanical Engineering Master's Degree consists of a minimum of 30 credits. This is a research-based program that includes a thesis requirement.

School of Engineering Conditions for the Degree:

1. All coursework must be completed with a grade of 'C' or better.
2. A GPA of 3.0 must be maintained. If the GPA falls below 3.0, academic probation will result.
3. No more than 6 credits of transfer coursework can be applied to the degree. However, a student may transfer up to 12 credits from online courses through the Florida State University System (SUS) provided the transfer courses do not exceed 12 credits.
4. A student may not receive 5000-level credit for a cross- listed 4000/5000-level course previously completed at the 4000-level. Exceptions to this rule may be considered with documented evidence of significant and appropriate differences in content between the courses.

Mechanical Engineering Program Milestones

1. Formation of Thesis Committee: Should occur no later than the end of the term in which the student takes "Fundamentals of Graduate Research in Mechanical Engineering."
2. Successful Defense of Thesis Proposal: Required prior to taking EML6972 Mechanical Engineering Master's Thesis. Failing to successfully defend a proposal will hinder the student from taking EML6972 without the permission of the thesis committee. Failure to successfully complete the thesis proposal will result in one of three outcomes:
    1. The student will be required to make minor modifications to the proposal. This will not require the student to re-defend the proposal and will allow the student to take EML6972 Mechanical Engineering Thesis for one semester without successfully defending the proposal.
    2. The student will be required to complete major modifications to the proposal. This will require the student to re-defend the proposal and the student cannot register for EML6972 Mechanical Engineering Thesis until successfully defending the proposal. A second unsuccessful attempt at defending the thesis proposal will result in automatic dismissal from the program.
    3. The thesis proposal may be rejected outright. This results in the student's dismissal from the program.
3. Successful Defense of Thesis: Required to earn the Master of Science in Mechanical Engineering. Failure to successfully defend the master's thesis results in one of two outcomes:
    1. The student will be required to make minor modifications to the thesis. This will not require the student to re-defend the thesis. The student will resubmit the written thesis to the committee for approval prior to graduating.
    2. The student will be required to make major modifications to the thesis and re-defend the thesis. A second unsuccessful defense of the thesis results in an inability to graduate.

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:
- EML6900 - Supervised Graduate Research
- EML6910 - Fundamental Graduate Research in Mechanical Engineering
- EML6912 - Intermediate Graduate Research in Mechanical Engineering

Additional Comments:

Culminating Experience (6 credits)
Type
Completion Requirement

Culminating Experience

Once a student enrolls in Master's Thesis credits, continuous enrollment is required until the student successfully submits a written thesis document according to the requirements of UNF's Graduate School and conducts an oral defense of that thesis.

Earn at least 6 credits from the following:
- EML6972 - Mechanical Engineering Master's Thesis

Additional Comments:

Major Electives (12 credits)
Type
Completion Requirement

Major Electives

All electives must be approved by the Graduate Faculty Advisor.

At the discretion of the thesis committee, students may use up to 6 additional credit hours of Mechanical Engineering graduate electives towards the degree. These can be substituted for up to 6 credits of the EML6900 Supervised Graduate Research requirement. Mechanical engineering elective courses may also be selected from online courses offered by the Florida State University System (SUS) within the limitations discussed above, and must be approved by the Graduate Faculty Advisor.

Earn at least 12 credits from the following:
- EML6311 - Modern Control Engineering
- EGN6333 - Advanced Mechanics of Materials
- EML5131 - Combustion Phenomena

- EML5932 - Special Topics in Mechanical Engineering
- EML6933 - Special Topics in Mechanical Engineering

Additional Comments:

Technical Electives
Type
Completion Requirement

Additional Comments:
No other electives are required for this degree. At the discretion and approval of the thesis committee, students may use up to 6 credits of non-Mechanical Engineering electives towards the degree. These credits can be substituted for the EML6900 Supervised Graduate Research requirement.
Graduate Credit Hours Completed Prior to Admission into MSME Program

Up to 12 credit hours of graduate level course work completed while in undergraduate status at UNF may be used towards the MSME degree. A grade of B or higher in the course(s) must be earned if the course(s) is to count towards the graduate program of study. Undergraduate students require approval by the School of Engineering Director prior to registering for graduate level course(s).

Program Details

Description
Mechanical Engineering

Code
MEC

Applied Public Health & Medical Education Research, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Applied Public Health & Medical Education Research (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:
- PHC6050 - Public Health Biostatistics I
- HSC6735 - Public Health Research

Certificate Electives

Complete at least 3 of the following courses:
- HSC6716 - Health Program Evaluation
- HSC6603 - Theoretical Foundations of Behavior Change
- PHC6051 - Public Health Biostatistics II
- EDA7410 - Research in Education: Qualitative Method
- EDF7215 - Learning and Instruction throughout the Lifespan
- EDG6285 - Fundamentals of Program Evaluation
- EME6344 - Lifelong Learning and Professional Development
- EME6442 - Curriculum and Instruction for Adult Learning
- EME6678 - Effective Training Design and Development
- Other courses with the approval of the MPH Program Director

Additional Comments:

Program Details

Description
App Pub Hlth & Med Ed Rsch

Code
MER

Management, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
- Complete course prerequisites before registering for any graduate course.
- A student must not make less than a 'C' on any MSM course and a 'B' or better on transfers.
- Your GPA will reflect all repeated courses even though credit for a course may be received only once.
- A 3.0 GPA at 6000 level, UNF & program level is required at all times.

Core Requirements (24 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:
- ACG6005 - Fundamentals of Financial Accounting
- ECO6060 - Economic Analysis
- MAN6002 - Cornerstones of Management
- MAR6055 - Fundamentals of Marketing
- FIN6407 - Fundamentals of Financial Management
- MAN6536 - Planning and Control of Business Processes

- MAN6724 - Strategy for Business
- MAN6305 - Human Resource Management

MAN6724 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN6724. Students must apply for MAN6724 the semester prior to the semester they plan to graduate and can only register with permission from Coggin Graduate Programs. Apply on the Coggin Graduate Programs website.

Additional Comments:

Major Electives (6 credits)
Type
Completion Requirement

Additional Comments:
SELECT any two (2) 6000 level courses with any of the following prefixes:

ACG | BUL | ECO | ECP | FIN | GEB | GEO | ISM | MAN | MAR | QMB | REE | TAX | TRA

Excluding: ACG6005, ECO6060, FIN6407, MAN6002, MAN6305, MAN6536, MAN6724, MAR6055

Elective courses should not be taken in the first semester of the MSM. Many suitable elective courses do not have pre-requisites, but if a pre-requisite exists for a course you choose as an elective, you must satisfy the pre-requisite prior to registering for the course.

Program Details

Description
Management

Code
MGT

Mental Health Sexology, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Mental Health Sexology (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- MHS6470 - Sexual Issues in Counseling
- MHS6905 - Directed Individual Study

Students will take 3 credits of MHS6905 in the fall and 3 credits in the spring.

Certificate Electives

Complete at least 1 of the following courses:

- HSC6138 - Sexuality Education
- HSC6165 - Global Sexuality and Reproductive Health
- Other graduate courses as approved by the Certificate Coordinator

Additional Comments:

Program Details

Description
Mental Health Sexology

Code
MHS

Medical Humanities, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Medical Humanities (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may only enroll in the certificate in conjunction with a degree-seeking program. The Medical Humanities Certificate is open to all majors. Please see the Undergraduate Certificate Programs page for more information.

Courses in the medical humanities explore the ethical, historical, literary, philosophical, and religious dimensions of medicine and health. The certificate is especially appropriate for students pursuing careers in biomedicine, health, public policy, psychology, public health, and those students in Arts and Humanities with research and creative interests in health.

Complete at least 2 of the following courses:

- AFH3252 - War, Genocide, and HIV in Mod. Africa
- ENC2451 - (GW) Writing Topics: Health
- ENG3613 - Disability Culture and Representation
- HIS3490 - History of Medicine and Disease
- PHI3400 - The Philosophy of Science
- PHI3633 - Bioethics
- SPN3036 - (FC) Spanish for Health Professions

Certificate Electives

The remaining 6 credits may come from the list under Certificate Required Courses or from the following list:

Earn at least 6 credits from the following:

- ANT3462 - Health, Illness and Culture
- CCJ4604 - Crime and Mental Illness
  OR CJE3232 - Drugs and Crime
- DEP3054 - Lifespan Developmental Psychology
- HSC3578 - Food, Health and Society
- PHI3637 - Ethical Issues in Public Health
- PHM3050 - Ethical Issues in Death and Dying
- PHI3463 - Science and Objectivity
- PHI3632 - Feminist Philosophy
  OR PHM3020 - Philosophy of Love and Sex
- SOP3004 - Social Psychology
  OR SOP3723 - Culture and Psychology
  OR SOP2772 - Human Sexual Behavior
  OR SOP3742 - Psychology of Women
- SOW4122 - Inside the Asylum
- SYP4730 - The Sociology of Aging
  OR SYO4400 - Health, Illness and Society

Or Internship approved by the Interdisciplinary Studies Director
Or Other courses with approval of the Interdisciplinary Studies Director

Additional Comments:

Program Details

Description
Medical Humanities

Code
MHU

Middle School Education: Math/Science, BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (24 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession
- MAC1105 - (GM) College Algebra
- MAC2311 - (GM) Calculus I
- STA2023C - (GM) Introductory Statistics with Recitation
- ESC2000 - Discovering Earth Science
- BSC1010C - General Biology I
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDF3151 - Educational Psychology
- EDF4444 - Assessment of Learning and Behavior
- EDG3323 - The Learning Process
- EDG4410 - Classroom Management and Communication
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings
- RED4333 - Reading and Writing Across the Curriculum

Additional Comments:
EDG3323 has a mandatory field component of 30 hours for secondary education majors.

Major Requirements (30 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- AST2002 - Discovering Astronomy
  AND AST2002L - Discovering Astronomy Lab
- BSC1011C - General Biology II
- BSC3057 - Introduction to Environmental Studies
- MTG3203 - (GM) Geometry for Middle School Teachers
- PHY1028 - Introduction to Physics
  AND PHY1028L - Introduction to Physics Laboratory
- SMT4664 - Problem-Based Instruction Math-Science
- TSL4324 - TESOL for Secondary Content Area Teachers

Additional Math/Science (7 Credits):
SELECT Additional Math from one of the following prefixes: MAA/MAC/MAD/MAP/MAS/MAT/MGF/MHF/MTG

AND/OR

SELECT Additional Science from one of the following prefixes: AST/GLY/PHY/PHZ/PSC/BCH/BOT/BSC/MCB/OCB/OCE/PCB/ZOO/CHM/CHS/IDC/COP

Additional Comments:
SMT4664 has a mandatory field component of 30 hours for secondary education majors.

Culminating Experience (12 credits)
Type
Completion Requirement

Culminating Experience

All degree coursework must be completed satisfactorily prior to enrolling in the Internship. Applications for fall internships are due on the 4th Friday of the previous spring term. Applications for spring internships are due on the 4th Friday of the previous fall term.

Complete ALL of the following Courses:

- ESE4943 - Student Internship

RED4657: Language and Cognitive Foundations of Reading (3 Credits)*

*Course pending state approval

Additional Comments:

Program Details

Description
Middle School Education

Code
MID

Multimedia Journalism, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
All courses in the major must be completed with a minimum grade of C or higher.

B.S. in Multimedia Journalism majors must complete a minimum of 61 hours outside of journalism and mass communication.

B.S. in Multimedia Journalism majors can take no more than 6 credit hours for internships.

Prerequisites (18 Credits)
Type
Completion Requirement

Additional Comments:
Course cannot include ENC or LIT prefix courses. 18 hours of coursework outside the major and beyond the 36 hours of general education requirements.

Foundation (6 Credits)
Type
Completion Requirement

Foundation

Complete ALL of the following Courses:

- SPC2608 - Fundamentals of Speech

And, select one 2000-level STA course (3 Credits)

Additional Comments:

Core Requirements (16 Credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- MMC1004 - Media Literacy
- MMC3105 - Advanced Writing for the Media
- MMC3200 - Law and Ethics of Communications
- MMC3942 - Pre Internship in Communication
- MMC4975 - Internship Senior Project

MMC4302: Mass Communication Research and Theory (3 Credits)*

*Course pending state approval

Additional Comments:

Major Requirements (24 Credits)
Type
Completion Requirement

Major Required Courses (15 Credits)

Complete ALL of the following Courses:

- MMC4500 - History of Mass Communication
- JOU3109 - Multimedia Reporting
- JOU3925 - Applied Journalism
- JOU3342 - Multimedia Storytelling
- JOU4348 - Advanced Multimedia Storytelling

Major Electives (9 Credits)

Complete at least 3 of the following courses:

- COM4430 - International Communication

Or, any 3000 or 4000 level courses with the JOU or MMC prefix

Or, any 3000 or 4000 level courses with the RTV prefix (except RTV3260 Single-camera Video Production, RTV3228 Multi-camera Video Production, and RTV4661 Advanced Television Production)

Additional Comments:

Program Details

Description
Multimedia Journalism

Code
MMJ

Materials Science & Engineering, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

The Materials Science and Engineering master's degree consists of 30 credits and requires a thesis.

Complete ALL of the following Courses:

- EMA5104 - Advanced Materials Principles I
- EMA5114 - Advanced Materials Principles II
- EMA5504 - Materials Characterization
- EMA5814C - Modeling and Simulation of Materials

Additional Comments:

Experiential Learning Requirements (18 credits)
Type
Completion Requirement

Experiential Learning Requirements

Every Materials Science and Engineering master's student is required to complete a total of 17 credits of the variable-credit course Graduate Thesis Research as well as the one credit Graduate Thesis Defense. A thesis committee must be established and the thesis proposal must be approved by the committee before more than 6 credits of Graduate Thesis Research have been completed. Graduate Thesis Defense should be taken in the student's final term.

Earn at least 18 credits from the following:

- EMA6971 - Graduate Thesis Research
- EMA6973 - Graduate Thesis Defense

Additional Comments:

Program Details

Description
Materials Science & Engineering

Code
MSE

Materials Science & Engineering, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

The Materials Science and Engineering master's degree consists of 30 credits and requires a thesis.

Complete ALL of the following Courses:

- EMA5104 - Advanced Materials Principles I
- EMA5114 - Advanced Materials Principles II
- EMA5504 - Materials Characterization
- EMA5814C - Modeling and Simulation of Materials

Additional Comments:

Experiential Learning (18 credits)
Type
Completion Requirement

Experiential Learning

Every Materials Science and Engineering master's student is required to complete a total of 17 credits of the variable-credit course Graduate Thesis Research as well as the one credit Graduate Thesis Defense. A thesis committee must be established and the thesis proposal must be approved by the committee before more than 6 credits of Graduate Thesis Research have been completed. Graduate Thesis Defense should be taken in the student's final term.

Complete ALL of the following Courses:

- EMA6971 - Graduate Thesis Research
- EMA6973 - Graduate Thesis Defense

Additional Comments:

Program Details

Description
Materials Science & Engineering

Code
MSE

Music Technology, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Music Technology (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may only enroll in the certificate in conjunction with a degree-seeking program. Please see the Undergraduate Certificate Programs page for more information.

Eligibility: Students in any major.

Courses in this certificate program require department permission for registration. Course registration priority will be given to students enrolled in the BM in Music Technology and Production degree track.

Suggestion: Students with no background in reading music and basic music theory should enroll in MUT1011: Fundamentals of Music before taking the remaining certificate courses.

Complete ALL of the following Courses:

- MUT1011 - Fundamentals of Music
- MUS3340 - Computer MIDI Score
- MUM1630 - Introduction to Digital Audio
- MUM4613 - Music Studio Recording Techniques
- MUM4636 - Audio for Media Applications
- MUM2634 - Digital Audio Production
  OR MUM1620 - Audio and Acoustics
  OR MUM4729 - Electronic Music Production Techniques

Additional Comments:

Program Details

Description
Music Technology Certificate

Code
MTC

Music Education, BME

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Freshman Year Fall Semester (11 credits)
Type
Completion Requirement

Freshman Year Fall Semester

Complete ALL of the following Courses:

- MUE2040 - Foundations of Music Education
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1111 - Theory I
- MUT1241 - Aural Theory I
- MVK1111 - Class Piano I

Select one MUN2000-level Large Ensemble (1 Credit)

Select one MV- 1XXX Applied Music (2 Credits)

Additional Comments:

Freshman Year Spring Semester (8 Credits)
Type
Completion Requirement

Freshman Year Spring Semester

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1112 - Theory II
- MUT1242 - Aural Theory II
- MVK1112 - Class Piano II

Select one MUN2000-level Large Ensemble (1 Credit)

Select one MV- 1XXX Applied Music (2 Credits)

Additional Comments:

Sophomore Year Fall Semester (10 Credits)
Type
Completion Requirement

Sophomore Year Fall Semester

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2116 - Theory III
- MUT2246 - Aural Theory III
- MVK2121 - Class Piano III

Select one MUN2000-level Large Ensemble (1 Credit)

Select one MV- 2XXX Applied Music (2 Credits)

Select 2 credits of major electives

Additional Comments:

Sophomore Year Spring Semester (13 Credits)
Type
Completion Requirement

Sophomore Year Spring Semester

Complete ALL of the following Courses:

- MUE3392 - Managing Music Classrooms and Program Administration
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2117 - Theory IV
- MUT2247 - Aural Theory IV
- MVK2122 - Class Piano IV

Select one MUN2000-level Large Ensemble (1 Credit)

Select one MV- 2XXX Applied Music (2 Credits)

Select 2 credits of major electives

Additional Comments:

Junior Year Fall Semester (10 Credits)
Type
Completion Requirement

Junior Year Fall Semester

Complete ALL of the following Courses:

- MUG3104 - Basic Conducting
- MUH3211 - Music History I
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance

Select one MUN3000-level Large Ensemble (1 Credit)

Select one MV- 3XXX Applied Music (2 Credits)

Select 2 credits of major electives

Additional Comments:

Junior Year Spring Semester (15 Credits)
Type
Completion Requirement

Junior Year Spring Semester

Complete ALL of the following Courses:

- MUE4331 - Teaching Secondary Choral Music
  OR MUE4332 - Teaching Secondary Instrumental Music
- EDF3151 - Educational Psychology
- MUH2501 - World Music
- MUH3212 - Music History II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS4970 - Senior Recital

Select one MUN3000-level Large Ensemble (1 Credit)

Select one MV- 3XXX Applied Music (2 Credits)

Note to students in the accelerated BME to MME path: Up to two courses (6 credits) of the MME program can be taken as part of the undergraduate program as listed below:

In the Spring of Junior year, choose one of the following:

- MUE 5336 Teaching Secondary Choral Music Programs (3 credits) instead of MUE 4331
- MUE 5338 Teaching Secondary Instrumental Music Programs (3 credits) instead of MUE 4332

Additional Comments:

Junior Year Summer Semester (2 Credits)
Type
Completion Requirement

Junior Year Summer Semester

Complete ALL of the following Courses:

- MUE3693 - Technology in Music Education

Additional Comments:

Senior Year Fall Semester (13 Credits)
Type
Completion Requirement

Senior Year Fall Semester

Complete ALL of the following Courses:

- EDF4444 - Assessment of Learning and Behavior
- RED4333 - Reading and Writing Across the Curriculum
- TSL4324 - TESOL for Secondary Content Area Teachers
- MUE4311 - Teaching Elementary Music
- MUG4302 - Advanced Instrumental Conducting
  OR MUG4202 - Advanced Choral Conducting

Note to students in the accelerated BME to MME path: Up to two courses (6 credits) of the MME program can be taken as part of the undergraduate program as listed below:

In the Fall of Senior year:

- MUE 5316 Teaching Elementary Music Programs (3 credits) instead of MUE 4311

Additional Comments:

Senior Year Spring Semester (8 Credits)
Type
Completion Requirement

Senior Year Spring Semester (8 Credits)

Complete ALL of the following Courses:

- MUE4940 - Internship in Music Education

Additional Comments:

Program Details

Description
Music Education

Code
MUE

Music Education: Professional Education, MME

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Master of Music Education with a Concentration in Professional Education is designed for students who have completed a Bachelor's degree in a music discipline other than music education and wish to earn a teaching certificate through a state-approved graduate program. Program-specific admissions criteria (in addition to other graduate admissions requirements) include an interview with music education faculty as well as passing scores on all portions of the Florida Department of Education General Knowledge Exam.

Prerequisites (9 Credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- EDF3151 - Educational Psychology
- RED4333 - Reading and Writing Across the Curriculum
- EDF4444 - Assessment of Learning and Behavior

Additional Comments:

Foundation (9 credits)
Type
Completion Requirement

Foundation

Similar graduate-level music history or music theory courses may substitute with prior approval of music education faculty and music history or music theory faculty.

Complete ALL of the following Courses:

- MUS5711 - Bibliography
- MUH6684 - Perspectives in Music History
- MUT6761 - Perspectives in Music Theory

Additional Comments:

Major Requirements (21 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- MUE6695 - Contemporary Issues in Pedagogy and Curriculum
- MUE6785 - Research in Music Education
- MUS6616 - Psychology of Music
- MUE5316 - Teaching Elementary Music Programs
  OR MUE5336 - Teaching Secondary Choral Music Programs
  OR MUE5338 - Teaching Secondary Instrumental Music Programs
- EDG6415 - Principles of Instruction and Classroom Management
- TSL6325 - TESOL Methods: Content Instruction

And, select one of the following courses:

MUE6081: History of Music Education (3 Credits)*

MUE6835: Philosophy of Music Education (3 Credits)*

*Courses pending state approval

Additional Comments:

Capstone Experience (6 credits)
Type
Completion Requirement

Capstone

Complete ALL of the following Courses:

- MUE6946 - Graduate Music Education Internship
- MUS6960 - Comprehensive Oral Examination

Additional Comments:

Program Details

Description
Music Education

Code
MUE

Music Education: Pedagogy and Research, MME

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Foundation (9 credits)
Type
Completion Requirement

Foundation

Complete ALL of the following Courses:

- MUS5711 - Bibliography
- MUH6684 - Perspectives in Music History
- MUT6761 - Perspectives in Music Theory

Similar graduate-level music history or music theory courses may substitute with prior approval of music education faculty and music history or music theory faculty.

Additional Comments:

Major Requirements (21 credits)
Type
Completion Requirement

Core Requirements (15 credits)

Complete ALL of the following Courses:

- MUE6785 - Research in Music Education
- MUE6695 - Contemporary Issues in Pedagogy and Curriculum
- MUS6616 - Psychology of Music

MUE6081: History of Music Education (3 Credits)*

MUE6835: Philosophy of Music Education (3 Credits)*

*Courses pending state approval

Cognate (3 credits)

Courses chosen to fulfill the professional goals of the student, chosen in cooperation with music education faculty.

MUE 5000:6999

Capstone Experience (3 credits)

Complete ALL of the following Courses:

- MUE6790 - Graduate Capstone in Music Education
- MUS6960 - Comprehensive Oral Examination

Additional Comments:

Program Details

Description
Music Education

Code
MUE

Music Performance, BM

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Music-Classical Piano Concentration Requirements
Type
Completion Requirement

Freshman Year Fall Semester (7 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1111 - Theory I
- MUT1241 - Aural Theory I
- MVK1311 - Applied Piano

And MUN2XXX Large Ensemble (1 Credit)

Freshman Year Spring Semester (7 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1112 - Theory II
- MUT1242 - Aural Theory II
- MVK1311 - Applied Piano

And MUN2XXX Large Ensemble (1 Credit)

Sophomore Year Fall Semester (11 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2116 - Theory III
- MUT2246 - Aural Theory III
- MVK2321 - Applied Piano

And MUN2XXX Large Ensemble (1 Credit)
And TAKE 1 Beginning Foreign Language (4 Credits)

Sophomore Year Spring Semester (7 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2117 - Theory IV
- MUT2247 - Aural Theory IV
- MVK2321 - Applied Piano

And MUN2XXX Large Ensemble (1 Credit)

Junior Year Fall Semester (18 credits)

Complete ALL of the following Courses:

- MUT4626 - 20th Century Music Theory
  OR MUT4311 - Orchestration
  OR MUT4421 - 18th Century Counterpoint
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MUG3104 - Basic Conducting
- MUH3211 - Music History I
- MUL4400 - Piano Literature I
- MUN2510 - Collaborative Piano I
- MUN3453 - Piano Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MVK3331 - Applied Piano

And MUN3XXX Large Ensemble (1 Credit)

AND 3 Hour of Music Electives:
3000/4000 Level from MUT MUN MUE MUO MUH MVJ MVK MVS MVV MVW MVP

Junior Year Spring Semester (16 credits)

Complete ALL of the following Courses:

- MUT4626 - 20th Century Music Theory
  OR MUT4311 - Orchestration
  OR MUT4421 - 18th Century Counterpoint
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MUH3212 - Music History II
- MUL4401 - Piano Literature II
- MUN3453 - Piano Ensemble
- MUN3513 - Collaborative Piano II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MVK3331 - Applied Piano

And MUN3XXX Large Ensemble (1 Credit)

AND 3 Hours of Music Electives:
3000/4000 Level from: MUT MUN MUE MUO MUH MVJ MVK MVS MVV MVW MVP

Senior Year Fall Semester (14 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS3340 - Computer MIDI Score
- MUT3611 - Form and Analysis
- MVK3631 - Elementary Piano Pedagogy
- MVK4341 - Applied Piano

And MUN3XXX Large Ensemble (1 Credit)

AND 3 Hours of Music Electives:
3000/4000 Level from: MUT MUN MUE MUO MUH MVJ MVK MVS MVV MVW MVP

Senior Year Spring Semester (14 credits)

Complete ALL of the following Courses:

- MUH2501 - World Music
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS4970 - Senior Recital
- MUT4650 - Composition and Improvisation
- MVK3632 - Intermediate Piano Pedagogy
- MVK4341 - Applied Piano

And CHOOSE 3 HOURS OF FREE ELECTIVES 3000/4000 Level
And MUN3XXX Large Ensemble (1 Credit)

Additional Comments:

Music-Woodwinds, Brass, Percussion Concentration Requirements
Type
Completion Requirement

Freshman Year Fall Semester (8 credits)

Students may take a piano proficiency test to waive class piano

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1111 - Theory I
- MUT1241 - Aural Theory I
- MVK1111 - Class Piano I

And ENSEMBLE MUN2000-LEVEL LARGE ENSEMBLE (1 Credit)
And SELECT 1 APPLIED MUSIC (1000 LEVEL) MVB MVW MVP (2 credits)

Freshman Year Spring Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1112 - Theory II
- MUT1242 - Aural Theory II
- MVK1112 - Class Piano II

And ENSEMBLE MUN2000-LEVEL LARGE ENSEMBLE (1 Credit)
And SELECT 1 APPLIED MUSIC (1000 LEVEL) MVB MVW MVP (2 credits)

Sophomore Year Fall Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2116 - Theory III
- MUT2246 - Aural Theory III
- MVK2121 - Class Piano III

And ENSEMBLE MUN2000-LEVEL LARGE ENSEMBLE (1 Credit)
And SELECT 1 APPLIED MUSIC (2000 LEVEL) MVB MVW MVP (2 credits)

Sophomore Year Spring Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2117 - Theory IV
- MUT2247 - Aural Theory IV
- MVK2122 - Class Piano IV

And ENSEMBLE MUN2000-LEVEL LARGE ENSEMBLE (! Credit)
And SELECT 1 APPLIED MUSIC (2000 LEVEL) MVB MVW MVP (2 credits)

Junior Year Fall Semester (16 credits)

Complete ALL of the following Courses:

- MUG3104 - Basic Conducting
- MUH3211 - Music History I
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT3611 - Form and Analysis
- MVW4640 - Woodwind Pedagogy
  OR MVB4640 - Brass Pedagogy
  OR MVP4640 - Percussion Pedagogy

And ENSEMBLE MUN3000-LEVEL LARGE ENSEMBLE (1 Credit)
And SELECT 1 APPLIED MUSIC (3000) from MVB MVW MVP (2 credits)
And TAKE 2 HOURS OF FREE ELECTIVES 3000/4000 Level (2 credits)

Junior Year Spring Semester (17 credits)

Complete ALL of the following Courses:

- MUH2501 - World Music
- MUH3212 - Music History II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS3340 - Computer MIDI Score
- MUL4441 - Woodwind Literature
  OR MUL4442 - Brass Literature
  OR MUL4460 - Percussion Literature

And ENSEMBLE MUN3000-LEVEL LARGE ENSEMBLE (1 Credit)
And SELECT 1 APPLIED MUSIC (3000 LEVEL) from MVB MVW MVP (2 credits)
And TAKE 3 HOURS OF FREE ELECTIVES 3000/4000 Level (3 credits)

Senior Year Fall Semester (11 credits)

Complete ALL of the following Courses:

- MUT4421 - 18th Century Counterpoint
  OR MUT4626 - 20th Century Music Theory
  OR MUT4311 - Orchestration
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT4650 - Composition and Improvisation

And TAKE 3 HOURS OF FREE ELECTIVES 3000/4000 Level (3 credits)
And ENSEMBLE MUN3000-LEVEL LARGE ENSEMBLE (1 Credit)
And SELECT 1 APPLIED MUSIC (4000 LEVEL) from MVB MVW MVP (2 credits)

Senior Year Spring Semester (14 credits)

Complete ALL of the following Courses:

- MUT4421 - 18th Century Counterpoint
  OR MUT4626 - 20th Century Music Theory
  OR MUT4311 - Orchestration
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS4970 - Senior Recital

And TAKE 5 HOURS OF FREE ELECTIVES 3000/4000 Level (5 credits)
And CHOOSE 3 credits 3000/4000 Music Electives
And ENSEMBLE MUN3000-LEVEL LARGE ENSEMBLE (1 Credit)
And SELECT 1 APPLIED MUSIC (4000 LEVEL) from MVB MVW MVP (2 credits)

Additional Comments:

Music-Strings Concentration Requirements
Type
Completion Requirement

Freshman Year Fall Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1111 - Theory I
- MUT1241 - Aural Theory I
- MVK1111 - Class Piano I
- MVS1411 - Applied Violin I
  OR MVS1412 - Applied Viola I
  OR MVS1413 - Applied Violoncello I
  OR MVS1314 - Applied String Bass

And ENSEMBLE MUN2000-LEVEL ENSEMBLE (1 Credit)

Freshman Year Spring Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1112 - Theory II
- MUT1242 - Aural Theory II
- MVK1112 - Class Piano II
- MVS1411 - Applied Violin I
  OR MVS1412 - Applied Viola I
  OR MVS1413 - Applied Violoncello I
  OR MVS1314 - Applied String Bass

And ENSEMBLE MUN2000-LEVEL ENSEMBLE

Sophomore Year Fall Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2116 - Theory III
- MUT2246 - Aural Theory III
- MVK2121 - Class Piano III
- MVS2421 - Applied Violin II
  OR MVS2422 - Applied Viola II
  OR MVS2423 - Applied Violoncello II
  OR MVS2324 - Applied String Bass

And ENSEMBLE MUN2000-LEVEL ENSEMBLE (1 Credit)

Sophomore Year Spring Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2117 - Theory IV
- MUT2247 - Aural Theory IV
- MVK2122 - Class Piano IV
- MVS2421 - Applied Violin II
  OR MVS2422 - Applied Viola II
  OR MVS2423 - Applied Violoncello II
  OR MVS2324 - Applied String Bass

And ENSEMBLE MUN2000-LEVEL ENSEMBLE (1 Credit)

Junior Year Fall Semester (15 credits)

Complete ALL of the following Courses:

- MVS3431 - Applied Violin III
  OR MVS3432 - Applied Viola III
  OR MVS3433 - Applied Violoncello III
  OR MVS3334 - Applied String Bass
- MUG3104 - Basic Conducting
- MUH3211 - Music History I
- MUN3411 - String Chamber Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT4626 - 20th Century Music Theory
  OR MUT4421 - 18th Century Counterpoint
  OR MUT4311 - Orchestration
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MVS3640 - Violin and Viola Pedagogy
  OR MVS3630 - Cello and Bass Pedagogy

And ENSEMBLE MUN3000-LEVEL ENSEMBLE (1 Credit)

Junior Year Spring Semester (13 credits)

Complete ALL of the following Courses:

- MVS3431 - Applied Violin III
  OR MVS3432 - Applied Viola III
  OR MVS3433 - Applied Violoncello III
  OR MVS3334 - Applied String Bass
- MUH3212 - Music History II
- MUL4420 - String Chamber Music Literature
- MUN3411 - String Chamber Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT4311 - Orchestration
  OR MUT4421 - 18th Century Counterpoint
  OR MUT4626 - 20th Century Music Theory
  OR MUT4564 - Nineteenth-Century Chromatic Harmony

And ENSEMBLE MUN3000-LEVEL ENSEMBLE

Senior Year Fall Semester (15 credits)

Complete ALL of the following Courses:

- MVS4441 - Applied Violin IV
  OR MVS4442 - Applied Viola IV
  OR MVS4443 - Applied Violoncello IV
  OR MVS4344 - Applied String Bass
- MUN3411 - String Chamber Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS3340 - Computer MIDI Score
- MUT3611 - Form and Analysis

And CHOOSE 6 HOURS OF FREE ELECTIVES 3000/4000 Level
And ENSEMBLE MUN3000-LEVEL ENSEMBLE (1 Credit)

Note: The Music Department recommends taking a String Repertory course as a free elective.

Senior Year Spring Semester (15 credits)

Complete ALL of the following Courses:

- MVS4441 - Applied Violin IV
  OR MVS4442 - Applied Viola IV
  OR MVS4443 - Applied Violoncello IV
  OR MVS4344 - Applied String Bass
- MUH2501 - World Music
- MUN3411 - String Chamber Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS4970 - Senior Recital
- MUT4650 - Composition and Improvisation

And CHOOSE 6 HOURS OF MUSIC ELECTIVES 3000/4000 Level from: MUT MUN MUE MUO MUH MVJ MVK MVS MVV MVW MVP

And ENSEMBLE MUN3000-LEVEL ENSEMBLE (1 Credit)

Additional Comments:

Piano Performance and Pedagogy Concentration Requirements
Type
Completion Requirement

Freshman Year Fall Semester (7 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1111 - Theory I

- MUT1241 - Aural Theory I
- MVK1311 - Applied Piano

And MUN2000-Level Large Ensemble (1 Credit)

Freshman Year Spring Semester (7 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1112 - Theory II
- MUT1242 - Aural Theory II
- MVK1311 - Applied Piano

And MUN2000-Level Large Ensemble (1 credit)

Sophomore Year Fall Semester (7 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2116 - Theory III
- MUT2246 - Aural Theory III
- MVK2321 - Applied Piano

And MUN2000-Level Large Ensemble (1 Credit)

Sophomore Year Spring Semester (10 credits)

Complete ALL of the following Courses:

- MUH2501 - World Music
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2117 - Theory IV
- MUT2247 - Aural Theory IV
- MVK2321 - Applied Piano

And MUN2000-Level Large Ensemble (1 Credit)

Junior Year Fall Semester (16 credits)

Complete ALL of the following Courses:

- MUT4626 - 20th Century Music Theory
  OR MUT4311 - Orchestration
  OR MUT4421 - 18th Century Counterpoint
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MUG3104 - Basic Conducting
- MUH3211 - Music History I
- MUN2510 - Collaborative Piano I
- MUN3453 - Piano Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MVK3331 - Applied Piano
- MVK3631 - Elementary Piano Pedagogy

And MUN3000-Level Large Ensemble (1 Credit)

Junior Year Spring Semester (13 credits)

Complete ALL of the following Courses:

- MUH3212 - Music History II
- MUN3453 - Piano Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT4626 - 20th Century Music Theory
  OR MUT4311 - Orchestration
  OR MUT4421 - 18th Century Counterpoint
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MVK3331 - Applied Piano
- MVK3632 - Intermediate Piano Pedagogy

And MUN3000-Level Large Ensemble (1 Credit)

Senior Year Fall Semester (16 credits)

Complete ALL of the following Courses:

- MUL4400 - Piano Literature I
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT3611 - Form and Analysis
- MVK4341 - Applied Piano
- MVK4603 - Pedagogy of Group Piano
- MVK4941 - Internship in Piano Pedagogy I

And CHOOSE 3 credits 3000/4000 electives: Select any 3000/4000 level free elective course
And MUN3000-Level Large Ensemble (1 Credit)

Senior Year Spring Semester (14 credits)

Complete ALL of the following Courses:

- MUS3340 - Computer MIDI Score
- MUL4401 - Piano Literature II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS4970 - Senior Recital
- MUT4650 - Composition and Improvisation
- MVK4341 - Applied Piano
- MVK4641 - Advanced Piano Pedagogy
- MVK4942 - Internship in Piano Pedagogy II

And MUN3000-Level Large Ensemble (1 Credit)

Additional Comments:

Music Technology & Production Concentration Requirements
Type
Completion Requirement

Freshman Year Fall Semester (11 credits)

Complete ALL of the following Courses:

- MUT1111 - Theory I
- MUT1241 - Aural Theory I
- MVK1111 - Class Piano I
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS3340 - Computer MIDI Score
- MUM1630 - Introduction to Digital Audio

And SELECT 1 1000-Level Applied Music Course (2 credits)
And SELECT 1 2000-level Large Ensemble (1 credit)

Freshman Year Spring Semester (12 credits)

Complete ALL of the following Courses:

- MUT1112 - Theory II
- MUT1242 - Aural Theory II
- MVK1112 - Class Piano II
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUM1622 - Introduction to Sound Reinforcement
- MUM2634 - Digital Audio Production

And SELECT 1 2000-level Large Ensemble (1 credit)
And SELECT 1 1000-level Applied Music Course (2 Credits)

Sophomore Year Fall Semester (11 credits)

Complete ALL of the following Courses:

- MUT2116 - Theory III
- MUT2246 - Aural Theory III
- MVK2121 - Class Piano III
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUM2677 - Sound Reinforcement and Music Production
- MUM2942 - Music Technology Practicum
- MUN3463 - Mixed Chamber Music Ensemble

And SELECT 1 2000-level Applied Music Course (2 Credits)

Sophomore Year Spring Semester (11 credits)

Complete ALL of the following Courses:

- MUT2117 - Theory IV
- MUT2247 - Aural Theory IV
- MVK2122 - Class Piano IV
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUM1620 - Audio and Acoustics
- MUM2942 - Music Technology Practicum
- MUN3463 - Mixed Chamber Music Ensemble

And SELECT 1 2000-level Applied Music Course (2 Credits)

Sophomore Year Summer Semester (3 credits)

Complete ALL of the following Courses:

- MUM3701 - The Music Business

Junior Year Fall Semester (9 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUH3215 - Western Music History and Popular Cultures I
- MUM4729 - Electronic Music Production Techniques
- MUM2942 - Music Technology Practicum
- MUM3633 - Intro to Max

Junior Year Spring Semester (11 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUH2501 - World Music
- MUH3216 - Western Music History and Popular Cultures II
- MUM4636 - Audio for Media Applications
- MUM2942 - Music Technology Practicum

And TAKE 2 HOURS OF FREE ELECTIVES 3000/4000 Level

Junior Year Summer Semester (6 credits)

Complete ALL of the following Courses:

- MUM4943 - Internship in Music Technology

Senior Year Fall Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUG3104 - Basic Conducting
- MUM4014 - Seminar in Music Technology

And TAKE 4 HOURS OF FREE ELECTIVES 3000/4000 Level

Senior Year Spring Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS4970 - Senior Recital
- MUT4626 - 20th Century Music Theory
- MUM4014 - Seminar in Music Technology
- MUH4664 - History of Electronic Music

Additional Comments:

Music-Classical Voice Concentration Requirements
Type
Completion Requirement

Informational Text

Informational Text
Each semester, Classical Voice students are assigned to a choral ensemble by the School of Music faculty. Enrollment in that ensemble fulfills the choral ensemble requirement for that semester. If additional ensembles are taken in any given semester, the 0 credit option should be used, or students must use the additional ensemble to fulfill elective credits. These additional ensembles will not count toward semesterly choral ensemble requirement.

Freshman Year Fall Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1111 - Theory I
- MUT1241 - Aural Theory I
- MVK1111 - Class Piano I
- MVV1311 - Applied Voice

And CHOOSE 1 MUN2000-3000 level choral ensemble (1 credit)

Freshman Year Spring Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT1112 - Theory II
- MUT1242 - Aural Theory II
- MVK1112 - Class Piano II
- MVV1311 - Applied Voice

And CHOOSE 1 MUN 2000-3000 level choral ensemble (1 Credit)

Sophomore Year Fall Semester (13 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS2241 - Italian Diction
- MUT2116 - Theory III
- MUT2246 - Aural Theory III

- MVK2121 - Class Piano III
- MVV2321 - Applied Voice

And CHOOSE 1 MUN 2000-3000 level choral ensemble (1 credit)
And SELECT 1 Beginning I Foreign Language Course (4 Credits)

Sophomore Year Spring Semester (8 credits)

Complete ALL of the following Courses:

- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT2117 - Theory IV
- MUT2247 - Aural Theory IV
- MVK2122 - Class Piano IV
- MVV2321 - Applied Voice

And CHOOSE one MUN 2000-3000 level choral ensemble (1 credit)

Junior Year Fall Semester (15 credits)

Complete ALL of the following Courses:

- MUG3104 - Basic Conducting
- MUH3211 - Music History I
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS2221 - French Diction
- MVV3331 - Applied Voice
- MUS3340 - Computer MIDI Score

And CHOOSE 1 Beginning II Foreign Language course (4 Credits)
And CHOOSE 1 MUN 3000 level choral ensemble (1 credit)

Junior Year Spring Semester (14 credits)

Complete ALL of the following Courses:

- MUT4626 - 20th Century Music Theory
  OR MUT4311 - Orchestration
  OR MUT4421 - 18th Century Counterpoint
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MUH3212 - Music History II
- MUL4602 - Vocal Literature
- MUO3503 - Opera Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUS2231 - German Diction
- MVV3331 - Applied Voice

And CHOOSE 1 MUN 3000 level choral ensemble (1 credit)
And SELECT 1 HOUR OF MUSIC ELECTIVES 3000/4000 Level from: MUT MUN MUE MUO MUH MVJ MVK MVS MVV MVW MVP

Senior Year Fall Semester (11 credits)

Complete ALL of the following Courses:

- MUT4626 - 20th Century Music Theory
  OR MUT4311 - Orchestration
  OR MUT4421 - 18th Century Counterpoint
  OR MUT4564 - Nineteenth-Century Chromatic Harmony
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT3611 - Form and Analysis
- MVV4341 - Applied Voice

And CHOOSE 1 MUN 3000 level choral ensemble (1 credit)
And SELECT 2 HOURS OF MUSIC ELECTIVES 3000/4000 Level from: MUT MUN MUE MUO MUH MVJ MVK MVS MVV MVW MVP

Senior Year Spring Semester (13 credits)

Complete ALL of the following Courses:

- MUH2501 - World Music
- MUO3503 - Opera Ensemble
- MUS1010 - Performance Laboratory
- MUS1011 - Concert Attendance
- MUT4650 - Composition and Improvisation
- MVV4341 - Applied Voice
- MVV4640 - Vocal Pedagogy
- MVV4971 - Senior Voice Recital

And CHOOSE 1 MUN 3000 level choral ensemble (1 credit)
And SELECT 2 HOURS OF MUSIC ELECTIVES 3000/4000 Level from: MUT MUN MUE MUO MUH MVJ MVK MVS MVV MVW MVP

Additional Comments:

Program Details

Description
Music Performance

Code
MUG

Music Performance, MM

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Conducting Concentration Requirements (36 credits)
Type
Completion Requirement

Informational Text

Informational Text
Students specializing in Choral Conducting should take the following Applied Courses:

- In Term 1, MUG 6206 (Applied Choral Conducting)
- In Terms 2 and 3 - MUG 6206 (Applied Choral Conducting) or MUG 6306 (Applied Instrumental Conducting) or any 6000-level Applied Instrument
- Large Ensembles: MUN 6315 (Graduate Choral Ensemble) or MUN 6345 (Graduate Chamber Singers) or MUN 6007 (Graduate Chorale)
- Literature Course: MUL 6645 (Choral Literature)
- Conducting & Lit. Seminar: MUG 6256 (Choral Conducting and Literature Seminar)
- Any elective courses MUST be chosen in consultation with the student's applied teacher.

Students specializing in Instrumental Conducting should take the following Applied Courses:

- In Term 1 -MUG6306 (Applied Instrumental Conducting)
- In Terms 2 and 3 - MUG6306 (Applied Instrumental Conducting) or MUG 6206 (Applied Choral Conducting) or any 6000-level Applied Instrument
- Large Ensembles: MUN 6215 (Orchestra) or MUN 6145 (Wind Symphony)
- Literature Course: MUL 5567 (Instrumental Literature)
- Conducting & Lit Seminar: MUG 6356 (Instrumental Conducting and Literature Seminar)
- Any elective courses MUST be chosen in consultation with student's applied teacher

Term One (9 credits)

Complete ALL of the following Courses:

- MUS5711 - Bibliography
- MUG6205 - Advanced Choral Conducting
  OR MUG6305 - Advanced Instrumental Conducting
- MUG6206 - Applied Choral Conducting
  OR MUG6306 - Applied Instrumental Conducting
- MUN6315 - Graduate Choral Ensemble
  OR MUN6345 - Graduate Chamber Singers
  OR MUN6007 - Graduate Chorale
  OR MUN6215 - Orchestra
  OR MUN6145 - Wind Symphony

And ELECTIVES (1 Credit): Choose any 5000 or 6000 course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Note: As an alternative to MUG6206 or MUG6306, you can instead choose Any 6000-level Applied Instrument (2 Credits).

Term Two (9 credits)

Complete ALL of the following Courses:

- MUL6645 - Choral Literature
  OR MUL5567 - Instrumental Literature
- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MUG6206 - Applied Choral Conducting
  OR MUG6306 - Applied Instrumental Conducting
- MUN6315 - Graduate Choral Ensemble
  OR MUN6345 - Graduate Chamber Singers
  OR MUN6007 - Graduate Chorale
  OR MUN6215 - Orchestra
  OR MUN6145 - Wind Symphony

Note: As an alternative to MUG6206 or MUG6306, you can instead choose Any 6000-level Applied Instrument (2 Credits).

Term Three (9 credits)

Complete ALL of the following Courses:

- MUG6205 - Advanced Choral Conducting
  OR MUG6305 - Advanced Instrumental Conducting
- MUG6206 - Applied Choral Conducting
  OR MUG6306 - Applied Instrumental Conducting
- MUN6315 - Graduate Choral Ensemble
  OR MUN6345 - Graduate Chamber Singers
  OR MUN6007 - Graduate Chorale
  OR MUN6215 - Orchestra
  OR MUN6145 - Wind Symphony

And ELECTIVE CREDIT (4 CREDITS): Choose any 5000 or 6000 level course(s) with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Note: As an alternative to MUG6206 or MUG6306, you can instead choose Any 6000-level Applied Instrument (2 Credits).

Term Four (9 credits)

Complete ALL of the following Courses:

- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MUG6356 - Instrumental Conducting and Literature Seminar
  OR MUG6256 - Choral Conducting and Literature Seminar
- MUN6315 - Graduate Choral Ensemble
  OR MUN6345 - Graduate Chamber Singers
  OR MUN6007 - Graduate Chorale
  OR MUN6215 - Orchestra
  OR MUN6145 - Wind Symphony
- MUG6954 - Graduate Conducting Lecture Recital
- MUS6960 - Comprehensive Oral Examination

And ELECTIVES Select 1 credit of electives: Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Additional Comments:

Jazz Studies Concentration Requirements (36 credits)
Type
Completion Requirement

Term One (9 credits)

Complete ALL of the following Courses:

- MUS5711 - Bibliography
- MUT5666 - Jazz Styles and Analysis I
- MVJ6456 - Applied Jazz Saxophone
  OR MVJ6458 - Applied Jazz Trombone
  OR MVJ6450 - Applied Jazz Piano
  OR MVJ6453 - Applied Guitar
  OR MVJ6454 - Applied Jazz Bass
  OR MVJ6455 - Applied Set Drums
  OR MVJ6457 - Applied Jazz Trumpet
- MUN6715 - Jazz Ensemble
  OR MUN6716 - Jazz Combo

Term Two (9 credits)

Complete ALL of the following Courses:

- MUT5667 - Jazz Styles and Analysis II
- MUT6355 - Jazz Arranging III
- MVJ6456 - Applied Jazz Saxophone
  OR MVJ6458 - Applied Jazz Trombone
  OR MVJ6450 - Applied Jazz Piano
  OR MVJ6453 - Applied Guitar
  OR MVJ6454 - Applied Jazz Bass
  OR MVJ6455 - Applied Set Drums
  OR MVJ6457 - Applied Jazz Trumpet
- MUN6715 - Jazz Ensemble
  OR MUN6716 - Jazz Combo

Term Three (9 credits)

Complete ALL of the following Courses:

- MVJ6456 - Applied Jazz Saxophone
  OR MVJ6458 - Applied Jazz Trombone
  OR MVJ6450 - Applied Jazz Piano
  OR MVJ6453 - Applied Guitar
  OR MVJ6454 - Applied Jazz Bass
  OR MVJ6455 - Applied Set Drums
  OR MVJ6457 - Applied Jazz Trumpet
- MUN6715 - Jazz Ensemble
  OR MUN6716 - Jazz Combo
- MUS6901 - Directed Individual Studies

And ELECTIVE CREDIT (3 CREDITS) Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Term Four (9 credits)

Complete ALL of the following Courses:

- MUT6761 - Perspectives in Music Theory
  OR MUH6684 - Perspectives in Music History
- MVJ6456 - Applied Jazz Saxophone
  OR MVJ6458 - Applied Jazz Trombone
  OR MVJ6450 - Applied Jazz Piano
  OR MVJ6453 - Applied Guitar
  OR MVJ6454 - Applied Jazz Bass
  OR MVJ6457 - Applied Jazz Trumpet
- MVO6451 - Graduate Recital
- MUN6715 - Jazz Ensemble
  OR MUN6716 - Jazz Combo

And ELECTIVE CREDIT (1 CREDIT) Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Additional Comments:

Piano Concentration Requirements (36 credits)
Type
Completion Requirement

Term One (9 credits)

Complete ALL of the following Courses:

- MUS5711 - Bibliography
- MVK5607 - Pedagogy of Group Piano
- MUN6465 - Graduate Chamber Music
- MVK6451 - Applied Piano

Term Two (9 credits)

Complete ALL of the following Courses:

- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MUN6465 - Graduate Chamber Music
- MVO6452 - Graduate Chamber Recital
- MVK6451 - Applied Piano
- MUN6315 - Graduate Choral Ensemble
  OR MUN6215 - Orchestra
  OR MUN6145 - Wind Symphony
  OR MUN6515 - Piano Accompanying

Term Three (9 credits)

Complete ALL of the following Courses:

- MVK6650 - Seminar in Piano Pedagogy
- MUL6416 - Special Topics in Piano Literature
- MUN6465 - Graduate Chamber Music
- MVK6451 - Applied Piano

Term Four (9 credits)

Complete ALL of the following Courses:

- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MVO6451 - Graduate Recital
- MVK6451 - Applied Piano
- MUN6465 - Graduate Chamber Music
- MUN6315 - Graduate Choral Ensemble
  OR MUN6215 - Orchestra
  OR MUN6145 - Wind Symphony
  OR MUN6515 - Piano Accompanying
- MUS6960 - Comprehensive Oral Examination

Additional Comments:

Strings Concentration Requirements (36 credits)
Type
Completion Requirement

Term One (9 credits)

Complete ALL of the following Courses:

- MUS5711 - Bibliography
- MVS6451 - Applied Violin
  OR MVS6452 - Applied Viola
  OR MVS6453 - Applied Cello
  OR MVS6454 - Applied Bass
  OR MVS6455 - Applied Harp
- MVS6551 - Violin Orchestra Repertory
  OR MVS6552 - Viola Orchestra Repertory
  OR MVS6553 - Cello Orchestra Repertory
  OR MVS6554 - Bass Orchestra Repertory
  OR MVS6555 - Harp Orchestra Repertory
- MUN6215 - Orchestra
- MUN6465 - Graduate Chamber Music

Term Two (9 credits)

Complete ALL of the following Courses:

- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MVS6451 - Applied Violin
  OR MVS6452 - Applied Viola
  OR MVS6453 - Applied Cello
  OR MVS6454 - Applied Bass
  OR MVS6455 - Applied Harp
- MUN6215 - Orchestra
- MUN6465 - Graduate Chamber Music
- MVS6977 - Graduate String Chamber Recital

And ELECTIVE CREDIT (1 CREDIT): Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Term Three (9 credits)

Complete ALL of the following Courses:

- MVS6653 - Advanced Violin and Viola Pedagogy

OR MVS6654 - Advanced Cello and Bass Pedagogy
OR MVS6655 - Advanced Harp Pedagogy
- MVS6451 - Applied Violin
  OR MVS6452 - Applied Viola
  OR MVS6453 - Applied Cello
  OR MVS6454 - Applied Bass
  OR MVS6455 - Applied Harp
- MUN6215 - Orchestra
- MUN6465 - Graduate Chamber Music

And ELECTIVE CREDIT (2 CREDITS): Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Term Four (9 credits)

Complete ALL of the following Courses:
- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MVS6451 - Applied Violin
  OR MVS6452 - Applied Viola
  OR MVS6453 - Applied Cello
  OR MVS6454 - Applied Bass
  OR MVS6455 - Applied Harp
- MUN6215 - Orchestra
- MUN6465 - Graduate Chamber Music
- MVS6976 - Graduate String Recital
- MUS6960 - Comprehensive Oral Examination

And ELECTIVE CREDIT (1 CREDIT): Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Additional Comments:

Voice Concentration Requirements (36 credits)
Type
Completion Requirement

Prerequisites (0 credits)

SELECT 1 FRENCH OR GERMAN LANGUAGE
Appropriate level of language course will be determined by the voice faculty at the entrance audition. Students must complete language prerequisites before graduation:

Complete ANY of the following Courses:
- GER1120 - (FC) Beginning German I
- GER1121 - (FC) Beginning German II
- GER2200 - (FC) Intermediate German I
- GER2201 - (FC) Intermediate German II
- FRE1120 - (FC) Beginning French I
- FRE1121 - (FC) Beginning French II
- FRE2240 - (FC) Intermediate French I
- FRE2241 - (FC) Intermediate French II

Term One (9 credits)

Complete ALL of the following Courses:
- MUS5711 - Bibliography
- MVV6651 - Vocal Pedagogy
- MVV6451 - Applied Voice
- MUO6655 - Opera Ensemble
  OR MUN6315 - Graduate Choral Ensemble
  OR MUN6345 - Graduate Chamber Singers
  OR MUN6007 - Graduate Chorale

And ELECTIVE CREDIT (1 CREDIT) Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Term Two (9 credits)

Complete ALL of the following Courses:
- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MUL6606 - Vocal Literature
- MVK6451 - Applied Piano
- MUO6655 - Opera Ensemble
  OR MUN6315 - Graduate Choral Ensemble
  OR MUN6345 - Graduate Chamber Singers
  OR MUN6007 - Graduate Chorale
- MVV6976 - Graduate Voice Recital

Term Three (9 credits)

Complete ALL of the following Courses:
- MUS6205 - Lyric Diction
- MVV6451 - Applied Voice
- MUO6655 - Opera Ensemble
  OR MUN6315 - Graduate Choral Ensemble
  OR MUN6345 - Graduate Chamber Singers
  OR MUN6007 - Graduate Chorale

And ELECTIVE CREDIT (4 CREDITS) Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Term Four (9 credits)

Complete ALL of the following Courses:
- MVV6451 - Applied Voice
- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MUO6655 - Opera Ensemble
  OR MUN6315 - Graduate Choral Ensemble
  OR MUN6345 - Graduate Chamber Singers
  OR MUN6007 - Graduate Chorale
- MVV6976 - Graduate Voice Recital
- MUS6960 - Comprehensive Oral Examination

And ELECTIVE CREDIT (2 CREDITS) Choose any 5000 or 6000 level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Additional Comments:

Woodwinds, Brass, Percussion Concentration Requirements (36 credits)
Type
Completion Requirement

Term One (9 credits)

Complete ALL of the following Courses:
- MUS5711 - Bibliography
- MVW6650 - Woodwind Pedagogy
  OR MVB6650 - Brass Pedagogy
  OR MVP6650 - Percussion Pedagogy
- MVW6451 - Applied Flute
  OR MVW6452 - Applied Oboe
  OR MVW6453 - Applied Clarinet

OR MVW6454 - Applied Bassoon
OR MVW6455 - Applied Saxophone
OR MVB6451 - Applied Trumpet
OR MVB6452 - Applied French Horn
OR MVB6453 - Applied Trombone
OR MVB6454 - Applied Euphonium
OR MVB6455 - Applied Tuba
OR MVP6451 - Applied Percussion
- MUN6465 - Graduate Chamber Music

Term Two (9 credits)

Complete ALL of the following Courses:

- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MVW6451 - Applied Flute
  OR MVW6452 - Applied Oboe
  OR MVW6453 - Applied Clarinet
  OR MVW6454 - Applied Bassoon
  OR MVW6455 - Applied Saxophone
  OR MVB6451 - Applied Trumpet
  OR MVB6452 - Applied French Horn
  OR MVB6453 - Applied Trombone
  OR MVB6454 - Applied Euphonium
  OR MVB6455 - Applied Tuba
  OR MVP6451 - Applied Percussion
- MUN6465 - Graduate Chamber Music
- MVO6452 - Graduate Chamber Recital
- MUN6215 - Orchestra
  OR MUN6145 - Wind Symphony

Term Three (9 credits)

Complete ALL of the following Courses:

- MUL6452 - Woodwind Literature
  OR MUL6453 - Brass Literature
  OR MUL6465 - Percussion Literature
- MVW6451 - Applied Flute
  OR MVW6452 - Applied Oboe
  OR MVW6453 - Applied Clarinet
  OR MVW6454 - Applied Bassoon
  OR MVW6455 - Applied Saxophone
  OR MVB6451 - Applied Trumpet
  OR MVB6452 - Applied French Horn
  OR MVB6453 - Applied Trombone
  OR MVB6454 - Applied Euphonium
  OR MVB6455 - Applied Tuba
  OR MVP6451 - Applied Percussion
- MUN6465 - Graduate Chamber Music

And ELECTIVES (3 CREDITS) Choose any 5000- or 6000-level course with any of the following prefixes: MUC, MUS, MUT, MUN, MUE, MUG, MUO, MUH, MUM, MVB, MVJ, MVK, MVS, MVV, MVW.

Term Four (9 credits)

Complete ALL of the following Courses:

- MUH6684 - Perspectives in Music History
  OR MUT6761 - Perspectives in Music Theory
- MVW6451 - Applied Flute
  OR MVW6452 - Applied Oboe
  OR MVW6453 - Applied Clarinet
  OR MVW6454 - Applied Bassoon
  OR MVW6455 - Applied Saxophone
  OR MVB6451 - Applied Trumpet
  OR MVB6452 - Applied French Horn
  OR MVB6453 - Applied Trombone
  OR MVB6454 - Applied Euphonium
  OR MVB6455 - Applied Tuba
  OR MVP6451 - Applied Percussion
- MUN6465 - Graduate Chamber Music
- MVO6451 - Graduate Recital
- MUN6215 - Orchestra
  OR MUN6145 - Wind Symphony
- MUS6960 - Comprehensive Oral Examination

Additional Comments:

Program Details

Description
Music Performance

Code
MUG

Anesthesiology Nursing, DNP

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:

- Satisfactorily complete all courses required by the program and approved by the university.
- Satisfactorily complete all clinical requirements.
- Complete all coursework within the prescribed timeline of being admitted into the program.
- Attain a 3.0 GPA average in all work counting toward the graduate degree.
- Earn no more than 2 grades of less than B throughout the program.
- Be in good standing; not subject to any sanction by the University community or School of Nursing.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook.
- Meet graduation requirements applicable to all University students; such as residency hours and final requirements.
- If you earned graduate level (5000/6000 level) credit from another institution, consult with your Program Director.

- Apply for graduation online through myWings by the 2nd week of the semester you are graduating (see academic calendar at www.unf.edu for specific deadlines).

1st Semester (12 credits)
Type
Completion Requirement

Spring Semester

Complete ALL of the following Courses:

- NGR6740 - Role Development in Advanced Practice Nursing
- NGR7871 - Healthcare Informatics for Advanced Practice
- NGR6892 - Public Policy Implications for Advanced Practice
- NGR5141 - Advanced Pathophysiology

Additional Comments:

2nd Semester (16 credits)
Type
Completion Requirement

Summer Semester

Complete ALL of the following Courses:

- NGR6673 - Principles of Epidemiology for Advanced Practice
- NGR5110 - Theoretical Framework for Practice
- NGR5003C - Health Assessment and Diagnostics
- NGR5810 - Research Methods for Evidence-Based Nursing Practice
- NGR7843 - Statistical Interpretation for Advanced Practice

Additional Comments:

3rd Semester (11 credits)
Type
Completion Requirement

Fall Semester

Complete ALL of the following Courses:

- NGR5172 - Pharmacotherapeutics
- NGR6421 - Principles of Anesthesiology Nursing I
- NGR6400 - Chemistry and Physics of Anesthesiology Nursing I
- NGR6460 - Pharmacology of Anesthesiology Nursing I
- NGR6492 - Professional Aspects of Anesthesiology Nursing
- NGR6431L - Anesthesiology Nursing Practicum I
- NGR6493 - Technology in Anesthesiology Nursing

Additional Comments:

4th Semester (13 credits)
Type
Completion Requirement

Spring Semester

Complete ALL of the following Courses:

- NGR6490 - Regional Anesthesia
- NGR6422 - Principles of Anesthesiology Nursing II
- NGR6461 - Pharmacology of Anesthesiology Nursing II
- NGR6401 - Chemistry and Physics for Anesthesiology Nursing II
- NGR7768 - Advanced Practice Nursing Role Transition
- NGR6432L - Anesthesiology Nursing Practicum II

Additional Comments:

5th Semester (12 credits)
Type
Completion Requirement

Summer Semester

Complete ALL of the following Courses:

- NGR6404 - Advanced Bioscience for Anesthesiology Nursing I
- NGR6423 - Principles of Anesthesiology Nursing III
- NGR7850 - Evidence Based Practice I
- NGR6433L - Anesthesiology Nursing Practicum III

Additional Comments:

6th Semester (12 credits)
Type
Completion Requirement

Fall Semester

Complete ALL of the following Courses:

- NGR7851 - Evidence Based Practice II
- NGR6405 - Advanced Bioscience for Anesthesiology Nursing II
- NGR6434L - Anesthesiology Nursing Practicum IV

Additional Comments:

7th Semester (13 credits)
Type
Completion Requirement

Spring Semester

Complete ALL of the following Courses:

- NGR6424 - Principles of Anesthesiology Nursing IV
- NGR6494 - Advanced Modalities in Pain Management
- NGR6435L - Anesthesiology Nursing Practicum V
- NGR7974 - Doctoral Project

Additional Comments:

8th Semester (11 credits)
Type
Completion Requirement

Summer Semester

Complete ALL of the following Courses:

- NGR6894 - Global Health Care and Culture
- NGR7974 - Doctoral Project
- NGR7946 - Residency in Advanced Nursing Practice

Additional Comments:

9th Semester (11 credits)
Type
Completion Requirement

Fall Semester

Complete ALL of the following Courses:

- NGR6491 - Advanced Anesthesiology Nursing Seminar
- NGR7974 - Doctoral Project
- NGR7946 - Residency in Advanced Nursing Practice

Additional Comments:

Program Details

Description
Anesthesiology Nursing

Code
NAP

Nutrition & Dietetics: Integrated Graduate Nutrition Program, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (21 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- HUN6612 - Nutrition Education and Counseling
- DIE6248 - Clinical Nutrition and Assessment
- HUN6249 - Nutrition and Metabolism
- HUN6911 - Nutrition and Dietetics Seminar
- HUN6910 - Nutrition and Dietetics Research
- HUN6123 - Sociocultural Influences on Nutrition
- HUN6916 - Advanced Concepts in Nutrition and Dietetics

Additional Comments:

Concentration Requirements (18 credits)
Type
Completion Requirement

Concentration Requirements

Complete ALL of the following Courses:

- DIE6128 - Food Service Management I
- HUN6523 - Community Nutrition
- HUN6408 - Nutrition Through Life Span
- HUN6615 - Advanced Nutrition Counseling Skills
- DIE6138 - Food Service Management II
- DIE6241 - Advanced Medical Nutrition Therapy

Additional Comments:

Program Details

Description
Nutrition & Dietetics

Code
NDI

Nonprofit Management, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Nonprofit Management (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

The Graduate Certificate in Nonprofit Management is composed of 4 required courses (3 common courses and one approved elective) and consists of 12 credit hours that provide participants with detailed knowledge and skills in nonprofit management. Students are not required to be admitted to the MPA or any other UNF graduate program to earn the certificate. However, students enrolled in any UNF graduate program can earn the certificate by taking the following courses.

Complete ALL of the following Courses:

- PAD6142 - Management of Nonprofit Organizations
- PAD6164 - Nonprofit Stakeholder Relations
- PAD6208 - Nonprofit Financial Management

Minor Electives

Complete at least 1 of the following courses:

- PAD6239 - e-Governance
- EDA6930 - Grants Development and Project Design

Additional Comments:

Program Details

Description
Nonprofit Management Cert

Code
NMC

Nutrition & Dietetics, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (38 credits)
Type
Completion Requirement

Prerequisites

Must be completed with a grade of "C" or higher

Complete ALL of the following Courses:

- MAC1105 - (GM) College Algebra
- STA2023 - (GM) Introductory Statistics
- POS2041 - Introduction to American Government
- FSS1202 - Food Fundamentals
- FSS1202L - Food Fundamentals Laboratory
- HUN2201 - Basic Principles of Human Nutrition
- BSC1010C - General Biology I
- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- MCB2010C - Microbiology

Additional Comments:

Major Requirements (33 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- HUN3800 - Nutrition Science Research and Ethics
- HUN3403 - Life Span Nutrition
- HSC3578 - Food, Health and Society
- DIE3310 - Community Nutrition
- FOS4041 - Food Science and Composition
  AND FOS4041L - Food Science and Composition Laboratory
- HUN3014 - Nutrition and Fitness
- HUN4601C - Nutrition Education
- DIE4122 - Management of Food and Nutrition Services I
- DIE4931 - Nutrition Trends/Leadership
- DIE4125 - Management of Food and Nutrition Services II

Additional Comments:

Community Nutrition and Food Concentration Requirements (15 credits)
Type
Completion Requirement

Community Nutrition and Food Concentration Requirements

Must be completed with a grade of "C" or higher.

Complete ALL of the following Courses:

- SPC2608 - Fundamentals of Speech
- FSS3800 - Seminar in Food Systems and Sustainability
- HUN4614 - Nutrition Communication
- HUN3534 - Food as Medicine
- FSS4945 - Professional Capstone in Community Nutrition & Food Management

Additional Comments:

Didactic Program in Dietetics Concentration Requirements (23 credits)
Type
Completion Requirement

Didactic Program in Dietetics Concentration Requirements - Requisites

Must be completed with a grade of "C" or higher

Complete ALL of the following Courses:

- BCH3023 - Survey of Organic and Biological Chemistry
  AND BCH3023L - Survey of Organic and Biological Chemistry Laboratory

Didactic Program in Dietetics Concentration Requirements

Must be completed with a grade of "C" or higher

Students enrolled in Didactic program in Dietetics (DPD) must follow BS/DPD Nutrition Program Sequencing Schedule in the Undergraduate Nutrition Student Handbook at to avoid delaying graduation. See the program website.

Complete ALL of the following Courses:

- HUN3230 - Metabolism of Macronutrients
- HUN3231 - Metabolism of Micronutrients
- DIE3213 - Nutrition Therapy I
- DIE3246 - Nutrition Therapy II
- HUN4016C - Nutrition Counseling and Communication
- DIE4515 - Nutrition and Dietetics Professional Capstone

Additional Comments:

Program Details

Description
Nutrition & Dietetics

Code
NUD

Nutrition & Dietetics: Dietetic Internship, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (21 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- HUN6612 - Nutrition Education and Counseling
- DIE6248 - Clinical Nutrition and Assessment
- HUN6249 - Nutrition and Metabolism
- HUN6911 - Nutrition and Dietetics Seminar
- HUN6910 - Nutrition and Dietetics Research
- HUN6123 - Sociocultural Influences on Nutrition

- HUN6916 - Advanced Concepts in Nutrition and Dietetics

Additional Comments:

Concentration Requirements (9 credits)
Type
Completion Requirement

Concentration Requirements

Complete ALL of the following Courses:

- DIE6940 - Clinical Practice in Nutrition and Dietetics I
- DIE6941 - Clinical Practice in Nutrition and Dietetics II
- DIE6942 - Clinical Practice in Nutrition and Dietetics III

Additional Comments:

Program Details

Description
Nutrition & Dietetics

Code
NUD

Nutrition & Dietetics: Dietetic Professional Studies, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (21 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- HUN6612 - Nutrition Education and Counseling
- DIE6248 - Clinical Nutrition and Assessment
- HUN6249 - Nutrition and Metabolism
- HUN6911 - Nutrition and Dietetics Seminar
- HUN6910 - Nutrition and Dietetics Research
- HUN6123 - Sociocultural Influences on Nutrition
- HUN6916 - Advanced Concepts in Nutrition and Dietetics

Additional Comments:

Concentration Requirements (9 credits)
Type
Completion Requirement

Concentration Requirements

Choose from the following courses. Additional courses may be approved at the discretion of the Program Director.

Earn at least 9 credits from the following:

- DIE6970 - Thesis
- DIE6912 - Projects in Nutrition and Dietetics
- DIE6906 - Dietetics Independent Study and Research
- HUN6408 - Nutrition Through Life Span
- HUN7788 - Nutritional Genomics
- HUN7525 - Advanced Nutrition Leadership and Public Policy
- HUN7645 - Current Trends in Nutrition and Dietetics

Students opting for either DIE6970 Thesis or DIE6912 Projects in Nutrition/Dietetics should complete a total of 6 credits for their selected course and 3 credits of another course for a total of 9 credits.

Additional Comments:

Program Details

Description
Nutrition & Dietetics

Code
NUD

Nursing, BSN

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (27 credits)
Type
Completion Requirement

Prerequisites

Concentration: Prelicensure Nursing

In progress enrollment does not constitute completion/meeting your prerequisite requirements. You must successfully complete all required coursework to remain a viable School of Nursing applicant. You must maintain a 3.40 or higher prerequisite GPA for consideration at the time of the application deadline in addition to the minimum 3.00 cumulative GPA required. Priority consideration given to 3.6 or higher pre-requisite GPA. At least 6 of the 8 nursing-specific prerequisite courses, including no less than 3 of the 4 required science courses (MCB, A&P I w/lab, A&P II w/lab, & Additional Science), must be completed by the application deadline. Proof of enrollment in all remaining courses must be supplied to the School of Nursing Admissions Office by the deadline. Non-UNF courses do not appear on degree evaluations until UNF receives and processes official transcripts with final grades in your file.

Complete ALL of the following Courses:

- DEP3054 - Lifespan Developmental Psychology
- HUN2201 - Basic Principles of Human Nutrition
- MCB2010C - Microbiology

- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II

And

- SELECT One social science course
  Any PSYXXXX, SOPXXXX, or SYGXXXX is acceptable.
- SELECT Additional science course
  Any CHMXXXX, BCHXXXX, BSCXXXX, PCBXXXX, or PHYXXXX with a minimum of 3 credit hours is acceptable.

Additional Comments:

Prelicensure Nursing Concentration Requirements (60 Credits)
Type
Completion Requirement

1st Semester (16 Credits)

Must be completed with a grade of "C" or higher.

Complete ALL of the following Courses:

- NUR3028L - Foundations of Nursing Practice Lab
- NUR3065L - Health Assessment, Wellness, and Health Promotion Across the Lifespan Lab
- NUR3065 - Health Assessment, Wellness, and Health Promotion Across the Lifespan
- NUR3028 - Foundations of Nursing Practice
- NUR3118L - Foundations of Nursing Practice Clinical
- NUR3816 - Professional Nursing Concepts
- NUR3684 - Introduction to Population Health
- NUR3090L - Integrated Simulation Lab I

2nd Semester (16 Credits)

Complete ALL of the following Courses:

- NUR3215 - Adult Health I Concepts
- NUR3215L - Adult Health I Clinical
- NUR3531 - Psychiatric/Mental Health Nursing Concepts
- NUR3531L - Psychiatric/Mental Health Nursing Clinical
- NUR3196 - Pathopharmacology I
- NUR3167 - Introduction to Research and Evidence-based Practice
- NUR3678 - Nursing Care of Vulnerable Populations
- NUR3091L - Integrated Simulation Lab II

3rd Semester (15 Credits)

Complete ALL of the following Courses:

- NUR3226 - Adult Health II Concepts
- NUR3226L - Adult Health II Clinical
- NUR4491 - Maternity and Women's Health Nursing Concepts
- NUR4491L - Maternity and Women's Health Nursing Clinical
- NUR3198 - Pathopharmacology II
- NUR3096L - Integrated Simulation Lab III

4th Semester (13 Credits)

Complete ALL of the following Courses:

- NUR4828 - Role Transition

Additional Comments:

Freshman Admit Nursing (FAN) Concentration Requirements (120 Credits)
Type

Completion Requirement

Freshman Year Fall Semester (16 Credits)

Complete ALL of the following Courses:

- NUR1010 - Introduction to Nursing
- ENC1101 - (GW) Writing for Audience and Purpose
- BSC1010C - General Biology I
- MAC1105 - (GM) College Algebra
- HUN2201 - Basic Principles of Human Nutrition

Freshman Year Spring Semester (13 Credits)

Complete ALL of the following Courses:

- BSC2085C - Human Anatomy and Physiology I
- ENC1143 - (GW) Writing with Evidence and Style
- PSY2012 - Introduction to Psychology
- CHM1025 - Introduction to Chemistry
  AND CHM1025L - Introduction to Chemistry Laboratory

Freshman Year Summer Semester (4 Credits)

Complete ALL of the following Courses:

- MCB2010C - Microbiology

Sophomore Year Fall Semester (16 Credits)

Complete ALL of the following Courses:

- HSC3537 - Medical Terminology
- BSC2086C - Human Anatomy and Physiology II
- DEP3054 - Lifespan Developmental Psychology

And, Select 1 General Education English Course

Sophomore Year Spring Semester (11 Credits)

All BSN program prerequisites must be completed prior to the start of clinical courses. BSN-FAN students must attain college cumulative GPA and BSN prerequisite GPA of 3.0 or higher no later than Sophomore year/ Spring semester in order to remain in the program.

Complete ALL of the following Courses:

- POS2041 - Introduction to American Government
  OR AMH2020 - United States History since 1877
- PHI2010 - (GW) Introduction to Philosophy
  OR MUL2010 - Introduction to Music Literature

Select one General Education Core Humanities (3 Credits)

Select one elective, any course at 1000-4000 level (2 credits)

Junior Year Fall Semester (16 Credits)

Complete ALL of the following Courses:

- NUR3065 - Health Assessment, Wellness, and Health Promotion Across the Lifespan
- NUR3065L - Health Assessment, Wellness, and Health Promotion Across the Lifespan Lab
- NUR3028 - Foundations of Nursing Practice
- NUR3028L - Foundations of Nursing Practice Lab
- NUR3118L - Foundations of Nursing Practice Clinical
- NUR3816 - Professional Nursing Concepts
- NUR3684 - Introduction to Population Health
- NUR3090L - Integrated Simulation Lab I

Junior Year Spring Semester (16 Credits)

Complete ALL of the following Courses:

- NUR3215 - Adult Health I Concepts
- NUR3215L - Adult Health I Clinical
- NUR3531 - Psychiatric/Mental Health Nursing Concepts
- NUR3531L - Psychiatric/Mental Health Nursing Clinical
- NUR3196 - Pathopharmacology I
- NUR3167 - Introduction to Research and Evidence-based Practice
- NUR3678 - Nursing Care of Vulnerable Populations
- NUR3091L - Integrated Simulation Lab II

Senior Year Fall Semester (15 Credits)

Complete ALL of the following Courses:

- NUR3226 - Adult Health II Concepts
- NUR3226L - Adult Health II Clinical
- NUR4491 - Maternity and Women's Health Nursing Concepts
- NUR4491L - Maternity and Women's Health Nursing Clinical
- NUR3198 - Pathopharmacology II
- NUR3096L - Integrated Simulation Lab III

Senior Year Spring Semester (13 Credits)

Complete ALL of the following Courses:

- NUR4828 - Role Transition

Additional Comments:

Nursing-RN Concentration Requirements (60 Credits)
Type
Completion Requirement

Nursing-RN Concentration Requirements

Must be completed with a grade of "C" or higher. A minimum 2.7 cumulative GPA is required for admission and enrollment in the RN-BSN track. Once the RN-BSN program is started, it must be completed within three years. All of RN-BSN major courses must be completed at UNF. BSN courses transferred do not substitute for major requirements.

Complete ALL of the following Courses:

- NUR3065L - Health Assessment, Wellness, and Health Promotion Across the Lifespan Lab
- NUR3166 - Introduction to Nursing Science
- NUR3619 - Family/Community Assessment
- NUR3805 - Socialization to Professional Nursing
- NUR3082 - Perspectives in Chronicity
- NUR3082L - Perspectives in Chronicity: Nursing Practice
- NUR4826 - Ethical-Legal Concepts in Nursing and Healthcare
- NUR4827 - Leadership and Management Concepts in Nursing
- NUR4168 - Research Translation
- NUR4635 - Community Partnerships
- NUR4635L - Community Nursing Practice
- NUR4906 - Professional Nursing Transition
- NUR4906L - Professional Nursing Transition:Nursing Practice

NCLEX Validation Credit Requirements

Thirty hours of Nursing Validation Credits are awarded in the student's last semester of enrollment in the BSN. These 30 hours are awarded based upon validation of previous nursing knowledge through satisfactory completion of NCLEX examination.

NUR3000X

Additional Comments:

Program Details

Description
Nursing

Code
NUR

Nursing: Management & Leadership, MSN

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

- Satisfactorily complete all courses required by the program and approved by the university.
- Satisfactorily complete all clinical requirements.
- Complete all coursework within the prescribed timeline of being admitted into the program.
- Attain a 3.0 GPA average in all work counting toward the graduate degree.
- Earn no more than 2 grades of less than B throughout the program.
- Be in good standing; not subject to any sanction by the University community or School of Nursing.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook.
- Meet graduation requirements applicable to all University students; such as residency hours and final requirements.
- Meet program and university admission requirements
- Previously accrued graduate level courses (5000/6000 level) from another accredited program will need to be evaluated by the Program Director if a student wishes to request a course waiver. No undergraduate-level coursework will be considered.
- Apply for graduation online through myWings by the 2nd week of the semester you are graduating (see academic calendar at www.unf.edu for specific deadlines).

Required Courses (35 Credits)
Type
Completion Requirement

Required Courses

Complete ALL of the following Courses:

- NGR6662 - Equitable Management of Diverse Populations
- NGR6192 - Promoting Innovation in Nursing Practice
- NGR6721C - Human Resource Management and Development
- NGR6766 - Leadership Theory and Evidence-based Practice
- HSA6512 - Leadership and Organizational Behavior in Healthcare

- NGR6870C - Introduction to Health Informatics: Management and Decision-making
- NGR6816 - Applied Nursing Research
- NGR6702C - Quality and Safety in Healthcare: An Interdisciplinary Perspective
- NGR6896 - Value-informed Financing for Healthcare Services
- NGR6734C - Nursing Management and Leadership Project
- NGR6735C - Residency and Seminar in Nursing Management and Leadership

Additional Comments:

Program Details

Description
Nursing

Code
NUR

Nursing: Nursing Education, MSN

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Effective Fall 2025, this program is no longer admitting students.

- Satisfactorily complete all courses required by the program and approved by the university.
- Satisfactorily complete all clinical requirements.
- Complete all coursework within the prescribed timeline of being admitted into the program.
- Attain a 3.0 GPA average in all work counting toward the graduate degree.
- Earn no more than 2 grades of less than B throughout the program.
- Be in good standing; not subject to any sanction by the University community or School of Nursing.
- All students in the Brooks College of Health programs will be held accountable to the most recent Code of Ethics, Guides for Professional Conduct, and/or Position Statements as developed by their respective disciplines. Refer to your program handbook.
- Meet graduation requirements applicable to all University students; such as residency hours and final requirements.
- If you earned graduate-level (5000/6000 level) credit from another institution, consult with your Program Director.
- Apply for graduation online through myWings by the 2nd week of the semester you are graduating (see academic calendar at www.unf.edu for specific deadlines).

Core Requirements (9 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- NGR5110 - Theoretical Framework for Practice
- NGR5810 - Research Methods for Evidence-Based Nursing Practice
- NGR6816 - Applied Nursing Research

Additional Comments:

Nursing Education Concentration (25 credits)
Type
Completion Requirement

Nursing Education Concentration

Complete ALL of the following Courses:

- NGR5057 - Health Assessment and Pharmacology
- NGR5141 - Advanced Pathophysiology
- NGR7871 - Healthcare Informatics for Advanced Practice
- NGR6710 - Teaching Nursing: Implementing an Innovative Learning Environment
- NGR6712 - Curriculum and Instruction
- NGR6718 - Evaluation Techniques
- NGR6942 - Capstone in Nursing Education
- NGR6970 - Nursing Project

A minimum of 3 credits in NGR6970 is required in this concentration.

Additional Comments:

Program Details

Description
Nursing

Code
NUR

Public Administration, MPA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Prerequisites

Prerequisites

SELECT 1 American Government course:
1 undergraduate course in American Government, or American Political System, or POS 2041 Intro to American Government.

SELECT 1 Statistics course:
1 undergraduate course in Statistics; or the UNF POS 3733 POS 3734 sequence.

Additional Comments:

Mid-career credit for all concentrations except National Security:
Applicants for the UNF-MPA program with relevant professional experience may be eligible to have 3 or 6 credits waived from the default 42 credit requirement. Recent graduates from a Bachelor's degree program, and with little professional work experience, will require a total of 42 credits: 39 credits of course work, as well as PAD6946 Internship in Public Administration (3 Credits). Applicants with at least one year of full-time relevant professional experience will require 39 credits of course work, with the internship requirement waived. Applicants with at least five years of professional experience, at the managerial level (with budget authority, or in policy development) may have 3 elective credits waived in addition to the internship, and so will require a total of 36 credits. In the case of either the 36 or 39 credit option, the student must submit a letter from the relevant supervisor(s) attesting to the requisite level of experience. This must be done on application to the program, or by the end of the first semester of coursework.

Mid-career credit for National Security concentration:
As mid-career Navy officers or equivalent, applicants for the UNF-MPA program National Security concentration are eligible to have 6 credits waived from the default 42 credit requirement.

Undergraduate Accelerated Bachelor to MPA program:
Accelerated Bachelor to MPA students are not eligible for mid-career credit. Students from the UNF Accelerated Bachelor to MPA program who have successfully met the admission requirements of the MPA program, may count toward the MPA 12 credits of 5000-6000 level MPA classes taken as they must take the remainder of the MPA curriculum, an undergraduate, in which grades of B or higher are earned, including PAD6946 Internship (3 Credits).

In order to graduate from the program: grades of C or above are required in all MPA courses; grades of B or above are required in at least 6 of the 7 required core courses; and MPA students must meet the minimum graduation requirements for master's degree students at the university. All students must apply for graduation during registration for the last semester of courses in the program. Deadlines are published online.

Core Requirements (21 credits)
Type
Completion Requirement

Core Requirements (21 credits)

NOTE: PAD5700 is a prerequisite for PAD6706, PAD6066, PUP6006, and PUP6007. PAD6060 is a prerequisite for PAD6066.

Complete ALL of the following Courses:

- PAD6060 - Public Administration in Modern Society
- PAD5700 - Public Administration Research Methods
- PAD6417 - Human Resources for Public and Nonprofit Management
- PAD6227 - Government Budgeting and Finance
- PAD6106 - Administrative Behavior in Public Organizations
- PUP6006 - Program Evaluation for Public and Nonprofit Management
- PAD6066 - Capstone Seminar

Additional Comments:

Generalist Option Concentration Requirements (15-21 credits)
Type
Completion Requirement

Major Electives (21 credits)

Students are required to take 15-21 credits, depending on mid-career credit and Accelerated Bachelor to MPA status, to reach the requisite total credits. Recent graduates require 18 credits plus PAD6946 Internship in Public Administration (3 credits); students with 1+ year of relevant professional experience requires 18 credits; and students with 5+ years of managerial experience require 15 credits. Other electives from outside the MPA program may by approved by the MPA Director.

SELECT 5-7 additional MPA courses

Additional Comments:

Health Administration Concentration Requirements (15-21 credits)
Type
Completion Requirement

Major Requirements (12 credits)

Students selecting this option must meet the prerequisites or other requirements of the Brooks College of Health and the Health Administration program.

Complete ALL of the following Courses:

- HSA6114 - Health Organization and Delivery
- HSA6905 - Policy and Law in Healthcare
- HSA6435 - Health Economics
- HSA5177 - Health Care Finance
  OR HSA6149 - Healthcare Planning and Project Management
  OR HSA6198 - Health Information Technology
  OR HSA6342 - Healthcare Human Resources
  OR HSA6385 - Quality Management in Health Care
  OR

Major Electives (9 credits)

Students are required to take 3-9 credits, depending on mid-career credit status, to reach the requisite total credits. Recent graduates require 6 credits plus PAD6946 Internship in Public Administration (3 credits); students with 1+ year of relevant professional experience require 6 credits; and students with 5+ years of managerial experience require 3 credits. Other electives from outside the MPA program may be approved by the MPA Director.

SELECT 1-3 additional MPA courses

Additional Comments:

Local Government Policy & Administration Concentration Requirements (15-21 credits)
Type
Completion Requirement

Major Requirements (12 credits)

Complete ALL of the following Courses:

- PAD6807 - Urban Administration

- POS6158 - Politics and Policy in Local Government
- PAD6207 - Economics and Municipal Finance

And SELECT 1 Local Government elective (3 credits)

Major Electives (9 credits)

Students are required to take 3-9 credits, depending on mid-career credit status, to reach the requisite total credits. Recent graduates require 6 credits plus PAD6946 Internship in Public Administration (3 credits); students with 1+ year of relevant professional experience require 6 credits; and students with 5+ years of managerial experience require 3 credits. Other electives from outside the MPA program may be approved by the MPA Director.

SELECT 1-3 additional MPA courses

Additional Comments:

National Security Concentration Requirements (15 credits)
Type
Completion Requirement

Major Requirements (12 credits)

National security concentration students must transfer 12 hours from the Naval War College nonresidential seminar program. This concentration is offered in conjunction with the Naval War College nonresidential seminar program, open only to serving Navy Officers, Officers from other uniformed services, and some senior personnel from federal agencies.

SELECT 12 Naval War College credits

Major Electives (3 credits)

SELECT 1 additional MPA course (3 Credits)
Students are required to take 3 credits to reach the requisite 36 total credits. Students may select courses in graduate programs other than the MPA program with the approval of the MPA director.

Additional Comments:

Non-Profit Management Concentration Requirements (15-21 credits)
Type
Completion Requirement

Major Requirements (12 credits)

Complete ALL of the following Courses:

- PAD6142 - Management of Nonprofit Organizations
- PAD6208 - Nonprofit Financial Management
- PAD6164 - Nonprofit Stakeholder Relations

And SELECT 1 Nonprofit Management elective

Major Electives (9 credits)

Students are required to take 3-9 credits, depending on mid-career credit status, to reach the requisite total credits. Recent graduates require 6 credits plus PAD6946 Internship in Public Administration (3 credits); students with 1+ year of relevant professional experience require 6 credits; and students with 5+ years of managerial experience require 3 credits. Other electives from outside the MPA program may be approved by the MPA Director.

SELECT 1-3 additional MPA courses

Additional Comments:

Public Policy Concentration Requirements (15-21 credits)
Type
Completion Requirement

Major Requirements (12 credits)

Complete ALL of the following Courses:

- PUP6007 - Policy Analysis
- PAD6706 - Research Design for Public Administrators
- PAD6207 - Economics and Municipal Finance

And SELECT 1 Public Policy elective

Major Electives (9 credits)

Students are required to take 3-9 credits, depending on mid-career credit status, to reach the requisite total credits. Recent graduates require 6 credits plus PAD6946 Internship in Public Administration (3 credits); students with 1+ year of relevant professional experience require 6 credits; and students with 5+ years of managerial experience require 3 credits. Other electives from outside the MPA program may be approved by the MPA Director.

SELECT 1-3 additional MPA courses

Additional Comments:

Program Details

Description
Public Administration

Code
PAD

Public Administration, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Public Administration (24 credits)
Type
Completion Requirement

Minor Informational Text

Informational Text
No more than 6 semester hours, or 2 courses, may be transferred in to satisfy minor course requirements. A grade of B or higher is required for all Fast Track minor courses. Students in the UNF undergraduate Political Science Major, as well as other UNF majors, may apply for admission to the undergraduate Public Administration Fast Track minor. Admitted students take 12 credits MPA classes which count both toward the undergraduate Political Science major, and the MPA program. Tuition is charged at the graduate rate. The Public Administration Fast Track undergraduate minor does not guarantee admission to the MPA program. Subsequent application for admission to the Master of Public Administration program, admission requirements for the program must also be met. Fast Track MPA

students will need 33 graduate credits to complete the MPA, with PAD6106 Admin. Behavior in Public Organizations waived from the core requirements.

Eligibility: Students who have

- completed 90 undergraduate hours
- completed 15 undergraduate hours in Political Science
- attained a minimum undergraduate GPA of 3.0 in the students's undergraduate major
- attained a minimum undergraduate GPA of 3.0 overall
  The Public Administration Fast Track undergraduate minor does not guarantee admission to the MPA program. However students admitted to the Public Administration Fast Track undergraduate minor who achieve grades of B or better in all MPA classes taken as an undergraduate can expect to be admitted to the MPA, so long as other admission requirements for the program are also met.

Minor Prerequisites

Complete ALL of the following Courses:

- POS2041 - Introduction to American Government
- POS3733 - Research Design for Political Scientists
- POS3734 - Research Analysis for Political Scientists
- PAD4003 - Public Administration

Minor Required Course

Complete ALL of the following Courses:

- PAD6060 - Public Administration in Modern Society

Minor Core Courses

Complete at least 2 of the following courses:

- PAD6106 - Administrative Behavior in Public Organizations
- PAD6436 - Ethics, Leadership and Accountability in Public Service
- PAD6417 - Human Resources for Public and Nonprofit Management
- PAD6227 - Government Budgeting and Finance

Minor Elective

Select 1 Additional Course
Select one elective or concentration class with approval of the MPA Director

Additional Comments:

Program Details

Description
Public Administration

Code
PAD

Public Service Leadership, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The Public Service Leadership Minor is available to all UNF undergraduate students. Students learn about the importance of leadership in public service, acquiring the skills and learning the approaches necessary to positively impact their communities and influence public policy. Through experiential learning, students interact directly with government and the nonprofit sector, creating a network of opportunities to gain first-hand experience in the field, build their resumes, and make contacts with stakeholders - keys to future employment and leadership in public service.

A UNF GPA of 3.0 or higher is required for the Public Service Leadership Minor. A grade of C or higher is required in all minor coursework. Transfer credit may not be applied to satisfy minor requirements – all minor coursework must be completed at UNF.

*Students may substitute public service internship/field experience credits from other departments/majors with the permission of the Public Service Leadership Program Director.

Requirements (12 credits)
Type
Completion Requirement

Required Courses (6 credits)

Complete ALL of the following Courses:

- LDR3003 - Introduction to Leadership
- POS4945 - Internship/Field Experience

Electives (6 credits)

Complete at least 2 of the following courses:

- POS3114 - Issues in State and Local Government
- POS3142 - Politics and Policy in Urban Government
- PAD4003 - Public Administration
- PAD4144 - Nonprofit Management

Additional Comments:

Program Details

Description
Public Service Leadership

Code
PAD

Public Health, MPH

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (24 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- HSC6215 - Environmental Health
- HSC6585 - Health Communication
- HSC6587 - Public Health Program Planning
- HSC6735 - Public Health Research
- PHC6000 - Epidemiology I
- PHC6050 - Public Health Biostatistics I
- PHC6102 - Public Health Policy and Advocacy
- PHC6149 - Public Health Leadership and Management

Additional Comments:

Major Electives (6 credits)
Type
Completion Requirement

Major Electives

SELECT 2 courses with an HSA, HSC, or PHC prefix.
A list of additional approved electives is posted on the MPH website. Other graduate-level courses may be taken with the approval of the MPH Program Director.

Additional Comments:

Epidemiology Concentration Requirements (15 credits)
Type
Completion Requirement

Epidemiology Concentration Requirements

Complete ALL of the following Courses:

- PHC6002 - Infectious Disease Epidemiology
- PHC6011 - Epidemiology II
- PHC6051 - Public Health Biostatistics II
- PHC6940 - Public Health Capstone
- PHC6945 - Public Health Internship

Additional Comments:

Social and Behavioral Science Concentration Requirements (15 credits)
Type
Completion Requirement

Social and Behavioral Science Concentration Requirements

Complete ALL of the following Courses:

- HSC6603 - Theoretical Foundations of Behavior Change
- HSC6716 - Health Program Evaluation
- PHC6940 - Public Health Capstone
- PHC6945 - Public Health Internship

HSC 6XXX: Data Analysis for Health Disparities (3 Credits)*

*Course pending state approval

Additional Comments:

Program Details

Description
Public Health

Code
PBH

Performers Program, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Performers Program (8 credits)
Type
Completion Requirement

Informational Text

Informational Text
Students may only enroll in the certificate in conjunction with a degree-seeking program. Please see the Undergraduate Certificate Programs page for more information.

Certificate Requirements (8 credits plus Performance Requirement)

Statement of Goals: This selective applied program is designed to draw a small group of talented young artists to our musical community, where they can benefit from personal instruction and artistic interaction in chamber music, ensemble, and solo performance activity. The program curriculum stresses applied study and directed performance activity. It is intentionally flexible so students may benefit from a uniquely personal experience. The full-time, 2-6 semester certificate program includes a minimum of four (4) academic credit hours per semester to be selected in consultation with the major advisor. The program also mandates extensive practice/rehearsal time and presentations/performances on campus and in the community. Applicants must demonstrate live or taped audition that they possess the musical competence and promise sufficient to justify admission to this very selective program. The certificate requires a minimum residency of one year (2 semesters), which may be extended to up to 3 years (6 semesters) with the approval of the major advisor.

Certificate Required Courses

Academic Required Courses (4 credits)
Applied Lessons (2 Credits)
Chamber Music (1 Credit)
Ensemble (1 credit)

Certificate Electives

Earn at least 4 credits from the following:

- MUS4905 - Directed Individual Studies
- MUS3930 - Special Topics in Music

Or Free Electives (0-4 Credits)

Certificate Performance Requirements

Performance Requirements

- Practice/rehearsals (minimum 20 hours per week)

- Presentations/performances on campus and in the community (minimum one per semester)
- Full solo recital(s) (minimum one per year)

Additional Comments:

Program Details

Description
Performers Certificate Program

Code
PCP

Performers Program, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Performers Program (8 credits)
Type
Completion Requirement

Informational Text

Informational Text
Students may only enroll in the certificate in conjunction with a degree-seeking program. Please see the Undergraduate Certificate Programs page for more information.

Certificate Requirements (8 credits plus Performance Requirement)

Statement of Goals: This selective applied program is designed to draw a small group of talented young artists to our musical community, where they can benefit from personal instruction and artistic interaction in chamber music, ensemble, and solo performance activity. The program curriculum stresses applied study and directed performance activity. It is intentionally flexible so students may benefit from a uniquely personal experience. The full-time, 2-6 semester certificate program includes a minimum of four (4) academic credit hours per semester to be selected in consultation with the major advisor.

The program also mandates extensive practice/rehearsal time and presentations/performances on campus and in the community. Applicants must demonstrate live or taped audition that they possess the musical competence and promise sufficient to justify admission to this very selective program. The certificate requires a minimum residency of one year (2 semesters), which may be extended to up to 3 years (6 semesters) with the approval of the major advisor.

Certificate Required Courses

Academic Required Courses (4 credits)
Applied Lessons (2 Credits)
Chamber Music (1 Credit)
Ensemble (1 credit)

Certificate Electives

Earn at least 4 credits from the following:
- MUS4905 - Directed Individual Studies
- MUS3930 - Special Topics in Music

Or Free Electives (0-4 Credits)

Certificate Performance Requirements

Performance Requirements
- Practice/rehearsals (minimum 20 hours per week)
- Presentations/performances on campus and in the community (minimum one per semester)
- Full solo recital(s) (minimum one per year)

The satisfactory completion of the Performance Requirements will be overseen by the student's applied teacher.

Additional Comments:

Program Details

Description
Performers Certificate Program

Code
PCP

Professional Education, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Professional Education (21 credits)
Type
Completion Requirement

Minor Required Courses

Students must earn a "C" grade or higher and an overall 2.5 GPA in the minor. Must get registration approval for all minor courses from the College of Education.

Complete ALL of the following Courses:
- EDF1005 - Introduction to the Teaching Profession
- EDF3151 - Educational Psychology
- EDG3323 - The Learning Process
- EDF4444 - Assessment of Learning and Behavior
- EDG4410 - Classroom Management and Communication
- LAE4335 - Special Methods: Secondary English
  OR SSE4384 - Special Methods: Social Studies
  OR MUE4311 - Teaching Elementary Music
  OR RED4333 - Reading and Writing Across the Curriculum
  OR RED3310 - Teaching Reading as a Process

Minor Electives

Complete at least 1 of the following courses:

- EDF2085 - Introduction to Diversity for Educators
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings
- TSL3080 - ESOL Foundations: Culture and Language

Additional Comments:

Program Details

Description
Professional Education

Code
PED

Public Health, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Public Health (18 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- HSC6215 - Environmental Health
- HSC6587 - Public Health Program Planning
- PHC6000 - Epidemiology I
- PHC6102 - Public Health Policy and Advocacy
- PHC6050 - Public Health Biostatistics I
- PHC6149 - Public Health Leadership and Management

Additional Comments:

Program Details

Description
Public Health Certificate

Code
PHC

Philosophy, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Required Courses (6 credits)
Type
Completion Requirement

Required Courses

Requires grades of C or higher

Complete ALL of the following Courses:

- PHI2101 - Introduction to Logic
- PHI3084 - Philosophical Methods

Additional Comments:

General Philosophical Studies Concentration (27 credits)
Type
Completion Requirement

History Electives (6 credits)

Select 2 courses, each from a different history category:

Complete at least 2 of the following courses:

- PHH3100 - Ancient Greek Philosophy
  OR PHH3104 - Socrates and the Sophists
  OR PHH3230 - Islamic Philosophy
  OR PHH3930 - Topics in History of Philosophy
- PHH3400 - Modern Philosophy
  OR PHH3500 - Kant to Nietzsche
  OR PHH3930 - Topics in History of Philosophy
  OR PHP3786 - Existentialism
- PHH3820 - (FC) Chinese Philosophy
  OR PHH3840 - (FC) Philosophies of India
  OR PHH3860 - (FC) Japanese Philosophy
  OR PHH3930 - Topics in History of Philosophy

Knowledge and Reality (3 credits)

Complete at least 1 of the following courses:

- PHI3300 - Introduction to Epistemology
- PHI3320 - Philosophy of Mind
- PHI3400 - The Philosophy of Science
- PHI3463 - Science and Objectivity
- PHI3500 - Introduction to Metaphysics
- PHI3700 - Philosophy of Religion
- PHI3939 - Selected Topics in Knowledge and Reality
- PHP3790 - American Philosophy

Value Theory (6 credits)

Complete at least 2 of the following courses:

- PHI2885 - Philosophy through Fiction
- PHI3601 - Ethics
- PHI3632 - Feminist Philosophy
- PHI3633 - Bioethics
- PHI3637 - Ethical Issues in Public Health

- PHI3640 - Environmental Ethics
- PHI3664 - Ethics East and West
- PHI3670 - Relativism and Disagreement
- PHI3800 - Aesthetics
- PHI3880 - Philosophy of Film
- PHI3934 - Selected Topics in Value Theory
- PHI4641 - Business Ethics
- PHI4881 - Philosophy of Music
- PHM3020 - Philosophy of Love and Sex
- PHM3050 - Ethical Issues in Death and Dying
- PHM3304 - Political Philosophy
- PHM3361 - Philosophy of Democracy
- PHM3400 - Philosophy of Law
- PHM4100 - Social Philosophy

Diverse Methods and Perspectives (3 credits)

Complete at least 1 of the following courses:

- PHH3810 - Introduction to Buddhism
- PHH3811 - The Philosophy of Zen Buddhism
- PHI3931 - East and West: Selected Topics
- PHI3932 - Special Topics in Asian Thought and Practice
- PHM3128 - Philosophy of Race and Racism
- PHM3362 - Global Justice

OR

- Any 3000 or 4000 level REL course

Major Electives (9 credits)

Students are free to select 3 major electives from any 3000- or 4000-level philosophy courses offered by the program; one elective must be from the 4000-level. PHI 3084 Philosophical Methods is a prerequisite for some 4000-level courses, and is strongly suggested for all 4000 level courses. No more than 15 hours of transfer credit may be used. Only 3 hours of PHI 4905 and only 3 hours of PHI 4941 may be used in the major. Grades of C or higher are required in courses used toward the major.

Select 3 PHH/PHI/PHM/PHP 3000/4000 level courses

Additional Comments:

Law, Politics, and Ethics Concentration (27 credits)
Type
Completion Requirement

Select one of following (3 credits)

Complete at least 1 of the following courses:

- PHI3601 - Ethics
- PHM3304 - Political Philosophy
- PHM3400 - Philosophy of Law

History Options(6 credits)

Select 2 courses, each from a different history category

Complete at least 2 of the following courses:

- PHH3100 - Ancient Greek Philosophy
  OR PHH3104 - Socrates and the Sophists
  OR PHH3230 - Islamic Philosophy
  OR PHH3930 - Topics in History of Philosophy
- PHH3400 - Modern Philosophy
  OR PHH3500 - Kant to Nietzsche
  OR PHH3930 - Topics in History of Philosophy
  OR PHP3786 - Existentialism
- PHH3820 - (FC) Chinese Philosophy
  OR PHH3840 - (FC) Philosophies of India
  OR PHH3860 - (FC) Japanese Philosophy
  OR PHH3930 - Topics in History of Philosophy

Knowledge and Reality Course (3 credits)

Complete at least 1 of the following courses:

- PHI3300 - Introduction to Epistemology
- PHI3500 - Introduction to Metaphysics
- PHI3700 - Philosophy of Religion
- PHP3790 - American Philosophy
- PHI3400 - The Philosophy of Science
- PHI3320 - Philosophy of Mind
- PHI3939 - Selected Topics in Knowledge and Reality

Major Electives (12 credits)

Select at least 12 hours from the following track courses. The remaining 3 hours may be selected from the track or any other approved philosophy course. At least 3 hours of electives must be at the 4000 level. No more than 15 hours of transfer credit may be used. Only 3 hours of PHI 4905 may be used in the major. Grades of C or higher are required in courses used toward the major.

Complete at least 4 of the following courses:

- PHH3100 - Ancient Greek Philosophy
- PHH3104 - Socrates and the Sophists
- PHH3930 - Topics in History of Philosophy
- PHI3453 - Philosophy of Psychology
- PHI3601 - Ethics
- PHI3632 - Feminist Philosophy
- PHI3633 - Bioethics
- PHI3637 - Ethical Issues in Public Health
- PHI3640 - Environmental Ethics
- PHI3664 - Ethics East and West
- PHI3670 - Relativism and Disagreement
- PHI3674 - Lies and Self Deception
- PHI3930 - Selected Topics
- PHI3934 - Selected Topics in Value Theory
- PHI4420 - Philosophy of the Social Sciences
- PHI4641 - Business Ethics
- PHI4905 - Directed Individual Study
- PHI4930 - Special Topics in Philosophy
- PHM3020 - Philosophy of Love and Sex
- PHM3050 - Ethical Issues in Death and Dying
- PHM3128 - Philosophy of Race and Racism
- PHM3304 - Political Philosophy
- PHM3361 - Philosophy of Democracy
- PHM3362 - Global Justice
- PHM3400 - Philosophy of Law
- PHM4100 - Social Philosophy
- PHM4340 - Contemporary Political Philosophy
- PHP3786 - Existentialism
- PHP3790 - American Philosophy
- REL3127 - Religion and the Courts

Additional Elective(3 credits)

Select 1 PHH/PHI/PHM/PHP 3000/4000 level course

Additional Comments:

Minor Required

Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select 1 two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Philosophy

Code
PHI

Philosophy, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Philosophy (15 credits)
Type
Completion Requirement

Minor Required Courses

A minimum of 9 semester hours in philosophy must be taken at UNF. 6 semester hours may be transferred towards the minor. A grade of C or better is required for all minor courses.

Complete ALL of the following Courses:
- PHI3084 - Philosophical Methods

Minor Electives

Select 12 Additional Credits in Philosophy
9 credits must be upper-level Philosophy courses.

Additional Comments:

Program Details

Description
Philosophy

Code
PHI

Public History, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Public History (12 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

The Post-Baccalaureate Certificate in Public History is composed of 4 courses and consists of 12 credit hours. This certificate offers advanced training for students interested in pursuing a career in public history and those already working in the field. The certificate program is open to all UNF History Graduate students. Courses taken to complete the certificate also count toward the History Master's Degree. With special permission, UNF graduate students in other graduate programs and post-baccalaureate students may also earn the certificate. Subject to relevant college and university policies and accreditation limitations, post-baccalaureate students who are subsequently admitted into the UNF History MA program may count credits earned in the certificate program toward their MA degree.

Complete ALL of the following Courses:

- HIS5067 - Public History
- HIS6946 - Internship in History

Certificate Electives

Students may select one or two courses from this course list.

Earn at least 3 credits from the following:

- AMH5587 - Native Southerners
- AMH5934 - Selected Topics: US History
- HIS5165 - Digital History
- HIS5077 - Oral History
- HIS6915 - Public History Seminar
- AMH6429 - Early Florida

Certificate Additional Elective Options

Students may select only one course from this course list.

Complete ANY of the following Courses:

- ENC5235 - Grant Writing
- FIL5305 - Documentary Workshop
- FIL5377 - Advanced Documentary Production
- GIS6051 - GIS and Geospatial Technologies
- HIS6946 - Internship in History
- PAD6142 - Management of Nonprofit Organizations
- PAD6208 - Nonprofit Financial Management
- PAD6164 - Nonprofit Stakeholder Relations

Or Approved graduate-level ANT or DIG courses (3 credits)
Or Other relevant courses with approval of the Public History Program director

Additional Comments:

Program Details

Description
Public History

Code
PHS

Physical Therapy, DPT

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites
Type
Completion Requirement

Prerequisites

The requirements listed below are prerequisites for the Doctor of Physical Therapy (DPT). The course numbers listed under each requirement are course numbers from the University of North Florida. Any substitutions to these requirements are made at the time of evaluation for admission into the DPT.

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- PHY2053C - Algebra-based Physics I
- PHY2054C - Algebra-based Physics II
- BSC2085C - Human Anatomy and Physiology I
- BSC2086C - Human Anatomy and Physiology II
- BSC1010C - General Biology I
- BSC1011C - General Biology II
- PSY2012 - Introduction to Psychology
- DEP3054 - Lifespan Developmental Psychology
- STA2023 - (GM) Introductory Statistics
- HSC3537 - Medical Terminology

Additional Comments:

1st Semester (15 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- PHT6110C - Gross Anatomy for Physical Therapists
- PHT5005 - Foundations of Professional Practice and Clinical Education
- PHT5257C - Clinical Skills
- PHT6153C - Human Physiology

Additional Comments:

2nd Semester (16 credits)
Type
Completion Requirement

Requirements (Total semester credits will increase if PHT6910 is taken.)

Complete ALL of the following Courses:

- PHT6267C - Examination and Intervention
- PHT6161C - Clinical Neuroanatomy and Physiology
- PHT5806 - Clinical Practicum
- PHT6606C - Foundations of Evidence-Based Practice
- PHT6126C - Kinesiology
- PHT6910 - Independent Study - Research

PHT6910: Elective - the course can be completed up to 3 times any time after the 1st semester of the DPT program.

Additional Comments:

3rd Semester (11 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- PHT6218C - Therapeutic Modalities
- PHT7551 - Leadership in Physical Therapy
- PHT6070 - Imaging in Rehabilitation
- PHT6191C - Motor Control

Additional Comments:

4th Semester (13 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- PHT6318C - Orthopedic Physical Therapy I: Extremities
- PHT6314C - Neurology I: Pathology, Examination and Intervention
- PHT6306 - Pathology-Pharmacology

Additional Comments:

5th Semester (14 Credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- PHT7385C - Exercise Physiology/Cardiopulmonary Physical Therapy
- PHT7183C - Orthopedic Physical Therapy II: Spine and Occupational Health
- PHT7315C - Neurology II: Advanced Examination and Intervention
- PHT7608C - Research Application for EBP

Additional Comments:

6th Semester (10 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- PHT6941C - DPT 2A Clinical
- PHT6942C - DPT 2B Clinical

Additional Comments:

7th Semester (15 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- PHT7009C - Differential Diagnosis
- PHT7741C - Spinal Cord Injuries and Prosthetics
- PHT7328C - Lifespan: Pediatrics
- PHT7374C - Lifespan Geriatrics
- PHT7936 - Advanced Seminar

Additional Comments:

8th Semester (10 credits)
Type
Completion Requirement

Requirements

Complete ALL of the following Courses:

- PHT7943C - DPT 3A Clinical
- PHT7944C - DPT 3B Clinical

Additional Comments:

Program Details

Description
Physical Therapy

Code
PHT

Physics, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (28 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab

Additional Comments:

No Concentration Requirements (50 credits)
Type
Completion Requirement

Contextual Courses (6 credits)

Complete ALL of the following Courses:

- COP2220 - Programming I
- MAP2302 - (GM) Ordinary Differential Equations

Required Courses (38 credits)

The Physics major is very sequential as most courses are prerequisites to the next; many courses are only offered in fall semester or spring semester. Please see your academic advisor to discuss course sequencing. Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. Grades of C or above must be earned in all physics requirements.

Complete ALL of the following Courses:

- PHY1024 - Exploring Majoring in Physics
- PHY3101 - Modern Physics
  AND PHY3101L - Modern Physics Laboratory
- PHZ3113C - Mathematical Physics
- PHY3220 - Classical Mechanics
- PHY4320 - Electricity and Magnetism
- PHY3424C - Optics with Laboratory
- PHY3722C - Electronics for Scientists
- PHY3604 - Quantum Mechanics
- PHY4523 - Thermodynamics and Statistical Mechanics
- PHY4610 - Applications of Quantum Mechanics
- PHY4802L - Advanced Physics Laboratory
- PHY4910 - Physics Research and Seminar 1
- PHY4911 - Physics Research and Seminar 2

Major Electives (6 credits)

Complete at least 2 of the following courses:

- AST3217 - Astrophysics I
- AST3402 - Astrophysics II
- PHZ4404 - Solid State Physics
- PHZ4160 - Advanced Topics in Physics
- PHZ4303 - Nuclear Physics
- PHY4660 - Introduction to Quantum Field Theory

Accelerated Pathway BS to MS

For students interested in the Accelerated BS Physics to MS Materials Science and Engineering Program, please see information at the link below and speak to your academic advisor about the opportunity. The combined BS to MSMSE program is 144 credits, 120 for the undergraduate degree and 30 credits for the master's degree. However, up to 6 graduate hours may be counted towards both degrees. Students complete the undergraduate degree first, taking no more than 6 credits of graduate coursework in their senior year, which will then be used to satisfy both degrees.

Physics (BS) to Materials Science and Engineering (MS)

Additional Comments:

Astrophysics Concentration (60 credits)
Type
Completion Requirement

Core Requirements (15 credits)

The Physics major is very sequential as most courses are prerequisites to the next; many courses are only offered in fall semester or spring semester. Please see your academic advisor to discuss course sequencing. Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. Grades of C or above must be earned in all physics requirements.

Complete ALL of the following Courses:

- COP2220 - Programming I
- PHY1024 - Exploring Majoring in Physics
- PHY3101 - Modern Physics
  AND PHY3101L - Modern Physics Laboratory
- PHZ3113C - Mathematical Physics
- PHY4802L - Advanced Physics Laboratory
- PHY4910 - Physics Research and Seminar 1
- PHY4911 - Physics Research and Seminar 2

Major Requirements (21 Credits)

Grades of C or above must be earned in all major requirements.

Complete ALL of the following Courses:

- MAP2302 - (GM) Ordinary Differential Equations
- PHY3220 - Classical Mechanics
- PHY4320 - Electricity and Magnetism
- PHY3604 - Quantum Mechanics
- PHY4523 - Thermodynamics and Statistical Mechanics
- PHY4610 - Applications of Quantum Mechanics

Concentration Requirements (24 Credits)

Grades of C or above must be earned in all concentration requirements.

Complete ALL of the following Courses:

- PHY3424C - Optics with Laboratory
- PHY3722C - Electronics for Scientists
- AST3303 - Galactic Astronomy
- AST3414 - Cosmology

AST3110: Stellar Astronomy (3 Credits)*

AST3120: Planetary Astronomy (3 Credits)*

*Courses pending state approval

Additional Comments:

Computing Concentration (60 credits)
Type
Completion Requirement

Contextual Courses (6 credits)

Complete ALL of the following Courses:

- COP2220 - Programming I
- MAP2302 - (GM) Ordinary Differential Equations

Major Requirements (30 credits)

The Physics major is very sequential as most courses are prerequisites to the next; many courses are only offered in fall semester or spring semester. Please see your academic advisor to discuss course sequencing. Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. Grades of C or above must be earned in all physics requirements.

Complete ALL of the following Courses:

- PHY1024 - Exploring Majoring in Physics
- PHY3101 - Modern Physics
  AND PHY3101L - Modern Physics Laboratory

- PHZ3113C - Mathematical Physics
- PHY3220 - Classical Mechanics
- PHY4320 - Electricity and Magnetism
- PHY3604 - Quantum Mechanics
- PHY4523 - Thermodynamics and Statistical Mechanics
- PHY4610 - Applications of Quantum Mechanics
- PHY4802L - Advanced Physics Laboratory
- PHY4910 - Physics Research and Seminar 1
- PHY4911 - Physics Research and Seminar 2

Concentration Requirements (17 Credits)

Complete ALL of the following Courses:

- PHY3424C - Optics with Laboratory
- PHY3722C - Electronics for Scientists
- COT3100 - Computational Structures
- COP3503 - Programming II
- COP3530 - Data Structures

Major Electives (7 Credits)

Grades of C or higher required in all computer science requirements and computer science electives.

Select 7 3000-4000 Level Credits
AST / PHY / PHZ / CAI / CAP / CDA / CEN / CIS / CNT / COP / COT

At least 3 of these credits must be in a computing course (CAI / CAP / CDA / CEN / CIS / CNT / COP / COT)

Additional Comments:

Pre-Medical Physics Concentration (60-61 credits)
Type
Completion Requirement

Contextual Courses (19 credits)

Complete ALL of the following Courses:

- BSC1010C - General Biology I
- BSC1011C - General Biology II
- MAP2302 - (GM) Ordinary Differential Equations
- CHM2210 - Organic Chemistry I
  AND CHM2210L - Organic Chemistry I Laboratory
- CHM2211 - Organic Chemistry II
  AND CHM2211L - Organic Chemistry II Laboratory

Major Requirements (38 credits)

The Physics major is very sequential as most courses are prerequisites to the next; many courses are only offered in fall semester or spring semester. Please see your academic advisor to discuss course sequencing. Courses must be taken in prerequisite order. Grades of C or above must be earned in all physics requirements.

Complete ALL of the following Courses:

- PHY1024 - Exploring Majoring in Physics
- PHY3101 - Modern Physics
  AND PHY3101L - Modern Physics Laboratory
- PHZ3113C - Mathematical Physics
- PHY3220 - Classical Mechanics
- PHY4320 - Electricity and Magnetism
- PHY3424C - Optics with Laboratory
- PHY3722C - Electronics for Scientists
- PHY3604 - Quantum Mechanics
- PHY4523 - Thermodynamics and Statistical Mechanics
- PHY4610 - Applications of Quantum Mechanics
- PHY4802L - Advanced Physics Laboratory
- PHY4910 - Physics Research and Seminar 1
- PHY4911 - Physics Research and Seminar 2

Major Electives (3-4 credits)

Complete at least 1 of the following courses:

- BSC2012C - General Biology III
- BCH4033 - Biochemistry I
  AND BCH4033L - Biochemistry I Lab
- CHM3120 - Quantitative Analytical Chemistry
  AND CHM3120L - Quantitative Analytical Chemistry Laboratory
- PCB3023C - Molecular and Cell Biology
- PCB3063 - Genetics
- PHZ4404 - Solid State Physics
- PHZ4303 - Nuclear Physics

Additional Comments:

Engineering Physics Concentration (60 Credits)
Type
Completion Requirement

Contextual Courses (6 Credits)

Complete ALL of the following Courses:

- COP2220 - Programming I
- MAP2302 - (GM) Ordinary Differential Equations

Major Requirements (30 Credits)

Complete ALL of the following Courses:

- PHY1024 - Exploring Majoring in Physics
- PHY3101 - Modern Physics
- PHY3101L - Modern Physics Laboratory
- PHZ3113C - Mathematical Physics
- PHY3220 - Classical Mechanics
- PHY4320 - Electricity and Magnetism
- PHY3604 - Quantum Mechanics
- PHY4523 - Thermodynamics and Statistical Mechanics
- PHY4610 - Applications of Quantum Mechanics
- PHY4802L - Advanced Physics Laboratory
- PHY4910 - Physics Research and Seminar 1
- PHY4911 - Physics Research and Seminar 2

Major Electives (24 Credits)

At least 15 credits must come from courses with a prefix of EEE, EEL, EGN, EIN, EMA, EML, CES, or CWR.

Earn at least 24 credits from the following:

- EGN1001C - Introduction to Engineering I
- PHY3424C - Optics with Laboratory
- PHY3722C - Electronics for Scientists
- PHZ4404 - Solid State Physics
- MAS3105 - (GM) Linear Algebra
- STA3032 - (GM) Probability and Statistics for Engineers
- STA4321 - (GM) Probability and Statistics
- COP3503 - Programming II
- EEL3111 - Circuit Analysis I
- EEL3112 - Circuit Analysis II
- EEE3308 - Microelectronics I
- EEE4309 - Microelectronics II

- EEL3117L - Electrical Circuits Laboratory
- EEL3013 - Modeling and Simulation in Electrical Engineering
- EEL3135 - Signals and Systems
- EEL3216 - Introduction to Power Systems
- EEL3701 - Introduction to Digital Systems
- EEL3701L - Introduction to Digital Systems Lab
- EGN3203 - Modern Computational Methods
- EGN3311 - Statics
- EGN3321 - Dynamics
- EGN3331 - Strength of Materials
- CES3100 - Analysis of Structures
- CWR3201 - Fluid Mechanics
- EML3100 - Thermodynamics I
- EML3101 - Thermodynamics II
- EML3015 - Fluids
- EML3535C - Modern Engineering CAD
- EMA3010 - Introduction to Materials Science and Engineering
- EMA4502 - Materials Characterization
- EMA4704 - Materials Selection
- EIN3390 - Materials Processing

Additional Comments:

Program Details

Description
Physics

Code
PHY

Physics, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Physics (20 credits)
Type
Completion Requirement

Minor Required Courses

All courses required for the minor may be transferred with prior approval of the department chair. A cumulative average of 2.5 is required.

Complete ALL of the following Courses:

- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab
- PHY3101 - Modern Physics
  AND PHY3101L - Modern Physics Laboratory

Minor Electives

Complete at least 2 of the following courses:

- PHZ3113C - Mathematical Physics
- PHY3220 - Classical Mechanics
- PHY4320 - Electricity and Magnetism
- PHY3424C - Optics with Laboratory
- PHY3722C - Electronics for Scientists
- PHY3604 - Quantum Mechanics
- PHY4523 - Thermodynamics and Statistical Mechanics
- PHZ4404 - Solid State Physics
- PHZ4303 - Nuclear Physics
- AST3217 - Astrophysics I
- AST3402 - Astrophysics II

Additional Comments:

Program Details

Description
Physics

Code
PHY

Partnerships with Individuals with Disabilities & Families, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Partnerships with Individuals with Disabilities & Families (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EEX5053 - Foundations of Exceptional Education and Services
- EEX6402 - Communication, Collaboration, and Consultation Skills for Special Education
- EEX6732 - Facilitation of Parent Interaction
- EEX6283 - Social, Personal, and Career Skills for Exceptional Students
- EEX6841 - Practicum in Special Education

Additional Comments:

Program Details

Description
Cert Partner Ind Disabil & Fam

Code
PID

Psychiatric Mental Health NP, Certificate (CM)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Psychiatric Mental Health NP (36 credits)
Type
Completion Requirement

Semester 1

Complete ALL of the following Courses:
- NGR6530 - Neuropathophysiology of Mental Illness for PMHNP
- NGR6538 - Psychopharmacology

Semester 2

Complete ALL of the following Courses:
- NGR6532 - Advanced Practice in Mental Health Nursing I: Psychiatric Assessment across the Lifespan
- NGR6532L - Advanced Practice in Mental Health Nursing Clinical Experience I: Assessment

Semester 3

Complete ALL of the following Courses:
- NGR6533 - Advanced Practice in Mental Health Nursing II: Diagnostic Reasoning and Management of Adults
- NGR6533L - Advanced Practice in Mental Health Nursing Clinical Experience II: Adults

Semester 4

Complete ALL of the following Courses:
- NGR6534 - Advanced Practice in Mental Health Nursing III: Diagnostic Reasoning and Management in Pediatrics
- NGR6534L - Advanced Practice in Mental Health Nursing Clinical Experience III: Pediatrics

Semester 5

Complete ALL of the following Courses:
- NGR6535 - Advanced Practice in Mental Health Nursing IV: Simulation
- NGR6536 - Advanced Practice in Mental Health Nursing V: Practicum
- NGR6536L - Advanced Practice in Mental Health Nursing Clinical Experience V: Practicum

Additional Comments:

Program Details

Description
Psychiatric Mental Health NP

Code
PMH

Political Campaigns, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Political Campaigns (15 credits)
Type
Completion Requirement

Minor Required Courses

A grade of C or higher is required in all minor coursework. Only 2 courses, or 6 semester hours, may be transferred in to satisfy minor requirements. No more than 1 course, or 3 semester hours, at the lower level may apply toward the minor. Students with previous significant, documented campaign experience can petition the Chair of the Department of Political Science and Public Administration for a waiver of the internship requirement, to be substituted with a minor elective from the list below.

Complete ALL of the following Courses:
- POS3444 - Parties, Campaigns and Elections
- POS4945 - Internship/Field Experience
- POS4750 - Survey Research

Minor Electives

Complete at least 2 of the following courses:
- ADV3008 - Principles of Advertising
- ADV3101 - Advertising Creative Strategy
- MMC3402 - Political Advertising
- POS3114 - Issues in State and Local Government
- POS3142 - Politics and Policy in Urban Government
- POS3413 - The American Presidency
- POS3424 - Congress and the Legislative Process
- POS4905 - Directed Individual Study
- PUP4003 - The Policy-Making Process
- PUR3000 - Principles of Public Relations
- PUR3100 - Public Relations Writing
- PUR4400 - Crisis Communications
- PUR4450 - Public Relations and Event Planning
- RTV3601 - Multimedia Announcing and Performance

Additional Comments:

Program Details

Description
Political Campaigns

Code
POC

Political Science, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (6 credits)
Type
Completion Requirement

Prerequisites

Requires grades of C or above.

Complete at least 2 of the following courses:

- POS2041 - Introduction to American Government
- CPO2002 - Introduction to Comparative Politics
- INR2002 - Introduction to International Relations

Additional Comments:

Major Requirements (30 credits)
Type
Completion Requirement

Core Requirements (6 credits)

Requires grades of C or above.

Complete ALL of the following Courses:

- POS3733 - Research Design for Political Scientists
- POS3734 - Research Analysis for Political Scientists

Major Electives (24 credits)

SELECT any 8 3000/4000 level political science courses with CPO, INR, PAD, POS, POT, or PUP prefixes that have not been used in above areas.

18 Credits Political Science 3000/4000 Level

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.

See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor. Double majors who have already taken a research design class in another department (PSY3213, SYA3300, ANT4083) are exempt from POS3733 (Research Design) as a required class, but not POS3734 (Research Analysis).

Foreign Language/Foreign Cultures
Type

Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select 1 two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Political Science

Code
POS

Political Science, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Political Science (15 credits)

Type
Completion Requirement

Minor Required Courses

No more than 6 semester hours, or 2 courses, may be transferred in to satisfy minor course requirements. A grade of C or better is required in all minor courses.

Complete ALL of the following Courses:

- POS2041 - Introduction to American Government

Minor Elective Courses

Select 4 3000-4000 Level Courses
CPO / INR / PAD / POS / POT / PUP

Additional Comments:

Program Details

Description
Political Science

Code
POS

Pre-Med, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Pre-Med
Type
Completion Requirement

Additional Comments:
Students may only enroll in the certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

The practice of medicine is based on modern biology, chemistry, and physics. Candidates for medical professional schools must study in these disciplines to:

- confirm their interest in and capacity for advanced study in medical science
- enable professional schools to judge their potential for success in medicine
- meet requirements of state laws governing licensure

Minimum requirements for admission to professional schools are not uniform. Also, many schools recommend, but do not require, additional courses such as calculus, statistics, advanced biology courses, English, humanities, economics, psychology, and social science courses. Students should ascertain the minimum and recommended courses of professional schools to which they plan to apply well in advance of planning their undergraduate studies.

Program Details

Description
Post-Bacc Pre-Med Certificate

Code
PPM

Psychological Science, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

The MS in the Psychological Science program has two options, a BS/MS degree for undergraduate students enrolled at UNF, and a stand-alone MS degree that is open to any individual who has already obtained a bachelor's degree. No GRE score is required for either program. Current BS students can apply for the accelerated BS/MS in Psychological Science during the Spring of their junior year (the Spring before they would begin the graduate-course sequence). Students must earn a 3.2 GPA in all major requirements to qualify for admission to the Master's degree in Psychological Science. Contact the Graduate Program Director for more information about the accelerated BS/MS or the MS in Psychological Science.

Students in the accelerated BS/MS program must complete these courses, which will apply to both degrees, during the semester before transitioning to the MS program: Research Design and Analysis I (PSY 6214: 3 credits); Colloquium (PSY 6937: 1 credit); Supervised Research (PSY 6910: 2 credits); and one 3-credit content course (DEP 6055, EXP 6506, or SOP 6069).

Activity Code: BS/MS in Psychological Science or MS in Psychological Science

Prerequisites
Type
Completion Requirement

Prerequisites - Statistics and Research Methods (7 credits)

Complete ALL of the following Courses:

- PSY3213 - Research Methods in Psychology
- PSY3213L - Research Methods Lab

Prerequisites - Experimental Course (4 credits)

Complete at least 1 of the following courses:

- EAB3013C - Foundations of Experimental Analysis of Behavior Lab
- EXP3461C - Human Learning and Performance
- EXP3680C - Experimental Cognitive Psychology
- PSY4302C - Psychological Testing
- SOP3214C - Experimental Social Psychology
- EXP3703C - Computer Applications in Psychological Research

Prerequisites - Select 2 (6 credits)

Complete at least 2 of the following courses:

- CLP4143 - Psychology of Abnormal Behavior
- DEP3054 - Lifespan Developmental Psychology

- EXP3604 - Cognitive Psychology
- PPE4003 - Theories of Personality
- PSB3002 - Behavioral Neuroscience
- SOP3004 - Social Psychology

Additional Comments:

Major Requirements (36 credits)
Type
Completion Requirement

Major Requirements

A minimum of 36 credit hours is required for the MS in Psychological Science. Grades of B or better are required in all Major Requirement courses. The record of any student who receives a grade of C or lower will be referred to the graduate coordinator for review to determine whether the student may continue in the program. Students must apply for graduation during registration for the last semester of courses. Deadlines are published online.

Complete ALL of the following Courses:

- PSY6214 - Research Design and Analysis I
- PSY6910 - Supervised Research
- PSY6937 - Colloquium in Psychological Research
- DEP6055 - Human Development
- EXP6506 - Learning and Cognition
- SOP6069 - Advanced Social and Personality Psychology
- PSB6031 - Advanced Biopsychology
- PSY6217 - Research Design and Analysis II
- PSY6936 - Seminar on Discrimination, Marginalization, and Racism
- PSY6971 - Thesis A
- PSY6972 - Thesis B
- PSY6973 - Thesis C

And Graduate-level electives (3 Credits)

Students in the accelerated program must complete 1 credit hour of PSY 6937, 2 credit hours of PSY 6910, PSY 6214 (3 credits), and one 3-credit content course (DEP 6055, EXP 6506, or SOP 6069) during the semester before transitioning to the MS program.

Additional Comments:

Program Details

Description
Psychological Science

Code
PSS

Psychology, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (12 credits)
Type
Completion Requirement

Prerequisites (9 credits)

Requires grades of C or above.

Complete ALL of the following Courses:

- PSY2012 - Introduction to Psychology

AND

- Select 1 Additional Psychology Course: CLP DEP EAB EXP INP PCO PPE PSB PSY SOP
- Statistics Requirement: Select 1 STA course

Science Prerequisites (3-4 credits)

Requires grades of C or above.

Complete at least 1 of the following courses:

- BSC1010C - General Biology I
- BSC1005 - Principles of Biology
  AND BSC1005L - Principles of Biology Lab

Additional Comments:

Foundation Courses (5 credits)
Type
Completion Requirement

Foundation

All Bachelor of Arts students must have completed PSY 3213 and PSY 3213L with grades of C or better.

Complete ALL of the following Courses:

- PSY3021 - Professional Opportunities in Psychology Seminar
- PSY3213 - Research Methods in Psychology
- PSY3213L - Research Methods Lab

Additional Comments:

Experimental Courses (4 credits)
Type
Completion Requirement

Experimental Courses

PSY3213-Research Methods & PSY3213L-Research Methods Lab must be completed with a grade of C or better before attempting the experimental courses. Effective

Complete at least 1 of the following courses:

- EAB3013C - Foundations of Experimental Analysis of Behavior Lab
- EXP3680C - Experimental Cognitive Psychology
- EXP3703C - Computer Applications in Psychological Research
- EXP3461C - Human Learning and Performance
- PSY4302C - Psychological Testing
- SOP3214C - Experimental Social Psychology
- EXP4252C - Human Factors and Ergonomics

Additional Comments:

Child Psychology Concentration (24 credits)

Type
Completion Requirement

Required Courses (6 credits)

Requires grades of C or higher.

Complete ALL of the following Courses:

- CLP4143 - Psychology of Abnormal Behavior
- DEP3054 - Lifespan Developmental Psychology

Required Electives (9 credits)

Complete at least 3 of the following courses:

- CBH3004 - Comparative Psychology
- EXP3412 - Learning Theory
- EXP3604 - Cognitive Psychology
- EXP3104 - Human Sensory Perception
- PPE4003 - Theories of Personality
- PSB3002 - Behavioral Neuroscience
- PSY4604 - History of Psychology
- SOP3004 - Social Psychology

Advanced Psychology Elective (3 credits)

Complete at least 1 of the following courses:

- DEP4104 - Advanced Child Psychology
- DEP4304 - Advanced Adolescent Psychology

Additional Elective (3 credits)

Complete at least 1 of the following courses:

- CLP4134 - Childhood Psychopathology
- DEP4060 - Applied Developmental Psychology

Research/Practicum (3 credits)

Focus of research or practicum must be child or adolescent psychology

Earn at least 3 credits from the following:

- PSY3911 - Supervised Research
- PSY4906 - Directed Individual Study
- PSY4904 - (GW) Honors Research
- PSY4945 - Practicum in Applied Psychology

Additional Comments:
A maximum of 3 hours of honors research may count for both honors in the major and the major electives area. A total of 3 hours in any combination of Directed Individual Study, Supervised Research, Honors Research, or Practicum may be used as major elective credits. Additional hours of these courses may be taken and used in honors in the major and/or as free elective credits. See your advisor for details.

No Concentration Requirements (24 credits)
Type
Completion Requirement

Required Courses (15 credits)

Complete at least 5 of the following courses:

- CBH3004 - Comparative Psychology
- CLP4143 - Psychology of Abnormal Behavior
- DEP3054 - Lifespan Developmental Psychology
- EXP3412 - Learning Theory
- EXP3604 - Cognitive Psychology
- EXP3104 - Human Sensory Perception
- PPE4003 - Theories of Personality
- PSB3002 - Behavioral Neuroscience
- PSY4604 - History of Psychology
- SOP3004 - Social Psychology

Major Electives (9 credits)

Students will select 9 credits of upper level psychology coursework. Additional hours taken beyond the requirement for the Major Requirements Area may be used.

A maximum of 3 hours of honors research may count for both honors in the major and the major electives area. A total of 3 hours in any combination of Directed Individual Study, Supervised Research, Honors Research, or Practicum may be used as major elective credits.

Additional hours of these courses may be taken and used in honors in the major and/or as free elective credits. See your advisor for details.

Psychology Subject Codes: CBH CLP DEP EAB EXP INP PCO PPE PSB PSY SOP

9 Credits Psychology 3000/4000 level

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.*

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 hrs of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from the minor requirement.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select 1 two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.

- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Psychology

Code
PSY

Psychology, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (12 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- PSY2012 - Introduction to Psychology
- AND Select 1 additional Psychology Course. (Subjects: CLP DEP EAB EXP INP PCO PPE PSB PSY SOP)
- Biology Requirement: BSC1010C or BSC1005 and BSC 1005L
- Statistics Requirement: Select One Statistics Course

Additional Comments:

Foundation (5 credits)
Type
Completion Requirement

Foundation

All Bachelor of Science students must complete PSY3213 and PSY3213L with grades of B or better.

Complete ALL of the following Courses:

- PSY3021 - Professional Opportunities in Psychology Seminar
- PSY3213 - Research Methods in Psychology
  AND PSY3213L - Research Methods Lab

Additional Comments:

No Concentration Requirements (30 credits)
Type
Completion Requirement

Select 1 of the following

Complete at least 1 of the following courses:

- CBH3004 - Comparative Psychology
- EXP3104 - Human Sensory Perception
- PSB3002 - Behavioral Neuroscience

Select 1 of the following

Complete at least 1 of the following courses:

- EXP3412 - Learning Theory
- EXP3604 - Cognitive Psychology

Select 2 of the following

Complete at least 2 of the following courses:

- SOP3004 - Social Psychology
- PSY4604 - History of Psychology
- PPE4003 - Theories of Personality
- DEP3054 - Lifespan Developmental Psychology

Select 2 of the following

Complete at least 2 of the following courses:

- CBH3004 - Comparative Psychology
- DEP3054 - Lifespan Developmental Psychology
- EXP3412 - Learning Theory
- EXP3104 - Human Sensory Perception
- PPE4003 - Theories of Personality
- PSY4604 - History of Psychology
- CLP4143 - Psychology of Abnormal Behavior
- CLP4313 - Health Psychology
- SOP3004 - Social Psychology
- PSB3002 - Behavioral Neuroscience
- EXP3604 - Cognitive Psychology

Major Electives (12 credits)

Students will select 12 credits upper level psychology coursework. Additional hours taken beyond the requirement for the Major Requirements Area may be used. A maximum of 3 hours of honors research may count for both honors in the major and the major electives area. A total of 3 hours in any combination of Directed Individual Study, Supervised Research, Honors Research, or Practicum may be used as major elective credits. Additional hours of these courses may be taken and used in honors in the major and/or as free elective credits. See your Advisor for details.

Select 12 hours from the following subjects: CBH CLP DEP EAB EXP INP PCO PPE PSB PSY SOP (3000/4000)

A total of 10 hours of major electives for this degree counts concurrently for the Masters in Science in Psychological Science degree. These required courses for the MS degree's 2-year program are counted under Major Electives for the accelerated BS/MS in Psychological Sciences.

Psychology (BS) to Psychological Science (MS)

Additional Comments:

Child Psychology Concentration (30 credits)
Type
Completion Requirement

Required Courses (18 credits)

Earn at least 18 credits from the following:

- CLP4143 - Psychology of Abnormal Behavior
- DEP3054 - Lifespan Developmental Psychology
- CBH3004 - Comparative Psychology
  OR EXP3104 - Human Sensory Perception
  OR PSB3002 - Behavioral Neuroscience
- EXP3412 - Learning Theory
  OR EXP3604 - Cognitive Psychology
- SOP3004 - Social Psychology
  OR PSY4604 - History of Psychology
  OR PPE4003 - Theories of Personality
- CBH3004 - Comparative Psychology
  OR EXP3412 - Learning Theory
  OR EXP3104 - Human Sensory Perception
  OR PPE4003 - Theories of Personality
  OR PSY4604 - History of Psychology
  OR SOP3004 - Social Psychology
  OR PSB3002 - Behavioral Neuroscience
  OR EXP3604 - Cognitive Psychology

Concentration Electives (6 credits)

Complete ALL of the following Courses:

- DEP4104 - Advanced Child Psychology
  OR DEP4304 - Advanced Adolescent Psychology
- CLP4134 - Childhood Psychopathology
  OR DEP4060 - Applied Developmental Psychology

Concentration Electives Continued (6 credits)

Earn at least 3 credits from the following:

- PSY3911 - Supervised Research
- PSY4906 - Directed Individual Study
- PSY4904 - (GW) Honors Research
- PSY4945 - Practicum in Applied Psychology

AND Select 3 Credits from the following subject: CBH, CLP, DEP, EAB, EXP, INP, PCO, PSB, PPE, PSY, SOP (3000/4000)

Additional Comments:

Program Details

Description
Psychology

Code
PSY

Psychology, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Psychology (18 credits)
Type
Completion Requirement

Minor Required Courses

Students must complete the PSY 2012 (General Psychology) prerequisite in order to minor in psychology. No more than 50% of the courses required for the minor may be transferred from another institution. No more than 3 hours of lower-level credit may be used to fulfill the minor. A grade of C or better is required for all minor courses, including prerequisites.

Complete ALL of the following Courses:

- PSY2012 - Introduction to Psychology
- CLP4143 - Psychology of Abnormal Behavior
  OR DEP3054 - Lifespan Developmental Psychology
  OR PPE4003 - Theories of Personality
  OR SOP3004 - Social Psychology
- EXP3412 - Learning Theory
  OR PSB3002 - Behavioral Neuroscience
  OR PSY3213 - Research Methods in Psychology
  OR PSY4604 - History of Psychology

Minor Electives

Select 3 3000-4000 Level Courses
CBH / CLP / DEP / EAB / EXP / INP / PCO / PPE / PSY / SOP / PSB

Additional Comments:

Program Details

Description
Psychology

Code
PSY

Public Health, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Public Health (15 credits)
Type
Completion Requirement

Minor Required Courses

Complete ALL of the following Courses:

- HSC3500 - Epidemiology
- HSA4111 - U.S. Health Care System
- HSC4210 - Environmental Health

Minor Electives

Complete at least 2 of the following courses:

- HSC4133 - Sexual & Reproductive Health Promotion
- HSC4134 - Mental & Emotional Health Promotion
- HSC4150 - Substance Abuse and Violence Prevention
- HSC4238 - Promoting Physical Activity & Healthy Eating
- HSC3555 - Human Diseases: Pathophysiology, Prevention and Treatment

Additional Comments:

Program Details

Description
Public Health

Code
PUH

Public Relations, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
All courses in the major must be completed with a minimum grade of C or higher.

B.S. in Public Relations majors must complete a minimum of 61 hours outside of journalism and mass communication.

B.S. in Public Relations majors can take no more than 6 credit hours for internships.

Prerequisites (18 Credits)
Type
Completion Requirement

Additional Comments:
Course cannot include ENC or LIT prefix courses. 18 hours of coursework outside the major and beyond the 36 hours of general education requirements.

Foundation (6 Credits)
Type

Completion Requirement

Foundation

Complete ALL of the following Courses:

- SPC2608 - Fundamentals of Speech

And, select one 2000-level STA course (3 Credits)

Additional Comments:

Core Requirements (16 Credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- MMC1004 - Media Literacy
- MMC3105 - Advanced Writing for the Media
- MMC3200 - Law and Ethics of Communications
- MMC3942 - Pre Internship in Communication
- MMC4975 - Internship Senior Project

MMC4302: Mass Communication Research and Theory (3 Credits)*

*Course pending state approval

Additional Comments:

Major Requirements (24 Credits)
Type
Completion Requirement

Major Required Courses (15 Credits)

Complete ALL of the following Courses:

- PUR3000 - Principles of Public Relations
- PUR3100 - Public Relations Writing
- ADV3203 - Advertising Media Graphics
- PUR4800 - Public Relations Campaigns
- PUR4801 - Public Relations Cases

Major Electives (9 Credits)

Complete at least 3 of the following courses:

- PUR4400 - Crisis Communications
- ADV3008 - Principles of Advertising
- ADV3101 - Advertising Creative Strategy
- ADV3200C - Advertising Design
- ADV4404 - Strategic Branding
- MMC3402 - Political Advertising
- MMC4251 - Creating Health Messages for Mass Media
- SPC4064 - Public Speaking for Professionals
- MMC4630 - Understanding Emerging Media
- PUR4450 - Public Relations and Event Planning
- RTV3601 - Multimedia Announcing and Performance
- MMC3002 - Social Media for Communication
- MMC4732 - Social Media Management
- RTV3220C - Television Production/Visual Arts Television
- MMC4422 - Advertising & PR Research

Additional Comments:

Program Details

Description
Public Relations

Code
PUR

Religious Studies, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (30 credits)
Type
Completion Requirement

Foundation (3 credits)

Complete ALL of the following Courses:

- REL2300 - (GW) Comparative Religion

Core Requirements (6 credits)

Students must earn a grade of C or better.

Complete ALL of the following Courses:

- REL3102 - Religion as Culture
- REL3040 - Theories of Religious Studies
  OR ANT4241 - Anthropology of Religion
  OR REL4159 - Sociology of Religion

Major Electives (18 credits)

Students must take 18 credits of upper-level courses designated as REL, earning a grade of C or higher.

REL 3000/4000

Capstone (3 credits)

This course should bring together the theoretical and methodological skills developed in the major and apply them to a specific area of data that could vary by instructor and/or by student interest. It will be one context in which the assessment of the Religious Studies Major can take place. Students must obtain a grade of C or higher.

Complete ALL of the following Courses:

- REL4910 - Senior Seminar Capstone

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select 1 two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Religious Studies

Code
REL

Religious Studies, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Religious Studies (15 credits)
Type
Completion Requirement

Minor Required Courses

A grade of C or better is required for all minor courses. A minimum of 6 semester hours of upper-level course work must be taken at UNF. 9 semester hours may be transferred into the minor.

Complete ALL of the following Courses:

- REL2300 - (GW) Comparative Religion
- REL3102 - Religion as Culture

Minor Electives

Complete at least 3 of the following courses:

- ANT4241 - Anthropology of Religion
- ANT4931 - Selected Topics in Cultural Anthropology
- LIT3930 - Special Topics: Literature
- AMH3932 - Selected Topics: US History
- PHI3700 - Philosophy of Religion
- PHH3811 - The Philosophy of Zen Buddhism
- REL3120 - Religion in America
- REL3127 - Religion and the Courts
- REL3101 - Religion and Popular Culture
- REL4900 - Directed Independent Study Religious Studies
- REL3148 - Religion and Violence
- REL3213 - Hebrew Bible/Old Testament
- REL3241 - New Testament
- REL3330 - Religions of India
- REL3420 - Twentieth Century Religious Thought
- REL3930 - Selected Topics: History of Religion
- REL3152 - Race and Religion in the United States
- REL3168 - Religion and Nature
- REL3380 - American Indian Religions
- REL3110 - Religion and the Arts in the US
- REL3111 - Religion and Film
- REL3074 - Myths and Rituals

Additional Comments:

Program Details

Description
Religious Studies

Code
REL

K-12 Reading Endorsement, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: K-12 Reading Endorsement (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- RED6657 - Evidence-Based Literacy Instruction
- RED6656 - Advanced Foundations of Reading
- RED5846 - Practicum in Reading

Certificate Electives

Select 2 Electives at 5000-Level or Higher
Students pursuing the K-12 Reading Endorsement Certificate should choose 2 electives in consultation with a faculty advisor. Electives must enhance pedagogical, curricular, or content knowledge, thus electives may be selected from graduate courses both/either inside and outside of the College of Education and Human Services. Students should consult with their faculty advisor to select courses that will benefit their personal educational goals.

Additional Comments:

Program Details

Description
K-12 Reading Endorsement

Code
RLC

Joint Statistical Analysis with SAS, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Joint Statistical Analysis with SAS (13 credits)
Type
Completion Requirement

Certificate Required Courses

Students may only enroll in the certificate in conjunction with a degree-seeking program. Please see the Undergraduate Certificate Programs page for more information.

To be eligible for this certificate, students must be enrolled at UNF and must complete all course prerequisites before registering for any certificate courses. To earn the certificate, you must receive at least a grade of C in each of the five required certificate courses.

Current UNF students will need to meet with their academic advisor to add the certificate to their program of study.

Complete ALL of the following Courses:

- STA3163 - (GM) Statistical Methods I
- STA3164 - (GM) Statistical Methods II
- STA4945 - Capstone Experience in Statistics
- STA4912 - Research Experience in Statistics - Independent Study
- STA4853 - Statistical Techniques for Time Series and Forecasts
  AND STA4504 - (GM) Categorical Data Analysis

Additional Comments:

Program Details

Description
Joint Stat Analy Cert with SAS

Code
SAS

Secondary Education, MAT

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (21 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EDF6687 - Foundations of Multicultural and Urban Education
- EDG6415 - Principles of Instruction and Classroom Management
- EDF6237 - Principles of Learning and Introduction to Classroom Assessment
- RED6334 - Reading and Writing Across the Content
- RED6657 - Evidence-Based Literacy Instruction
- EEX5075 - Teaching Students with Exceptionalities in Inclusive Settings
- TSL6325 - TESOL Methods: Content Instruction

Additional Comments:

Culminating Experience (6 credits)
Type
Completion Requirement

Culminating Experience

Complete ALL of the following Courses:

- EDG6427 - Teacher Inquiry for Internship
- ESE6947 - Professional Internship

Additional Comments:

No Concentration (6 credits)
Type
Completion Requirement

Requirements for no concentration

Complete ALL of the following Courses:

- TSL6325 - TESOL Methods: Content Instruction
- LAE6339 - Special Methods in Teaching English
  OR SCE6337 - Special Methods in Teaching Science
  OR SSE6385 - Special Methods in Teaching Social Studies
  OR MAE6336 - Special Methods in Teaching Mathematics

Additional Comments:

Biology Teaching Concentration (3 credits)
Type
Completion Requirement

Biology Teaching Concentration - Concentration Requirements

Each concentration will require passing scores for the Florida Teacher Competency Exam prescribed in Rule 6A-4.0021 F.A.C. Graduates of the Master's level program in Biology Teaching (Grades 6 -12) may receive a transcript endorsement indicating "the completion of a state-approved program in the following certification are: "Biology (Grades 6-12), Master's level"

Complete ALL of the following Courses:

- SMT6315 - Problem-Based Instruction in Math-Science

This course has a mandatory field component of 60 hours for MAT students.

Additional Comments:

Chemistry Teaching Concentration (3 credits)
Type
Completion Requirement

Chemistry Teaching Concentration - Concentration Requirements

Each concentration will require passing scores for the Florida Teacher Competency Exam prescribed in Rule 6A-4.0021 F.A.C. Graduates of the Master's level program in Chemistry Teaching (Grades 6-12) may receive a transcript endorsement indicating "the completion of a state-approved program in the following certification are: "Chemistry (Grades 6-12), Master's level"

Complete ALL of the following Courses:

- SMT6315 - Problem-Based Instruction in Math-Science

This course has a mandatory field component of 60 hours for MAT students

Additional Comments:

Mathematics Teaching Concentration (3 credits)
Type
Completion Requirement

Mathematics Teaching Concentration - Concentration Requirements

Each concentration will require passing scores for the Florida Teacher Competency Exam prescribed in Rule 6A-4.0021 F.A.C. Graduates of the Master's level program in Mathematics Teaching (Grades 6 -12) may receive a transcript endorsement indicating "the completion of a state-approved program in the following certification are: "Mathematics (Grades 6-12), Master's level"

Complete ALL of the following Courses:

- SMT6315 - Problem-Based Instruction in Math-Science

This course has a mandatory field component of 60 hour for MAT students.

Additional Comments:

Physics Teaching Concentration (3 credits)
Type
Completion Requirement

Physics Teaching Concentration - Concentration Requirements

Each concentration will require passing scores for the Florida Teacher Competency Exam prescribed in Rule 6A-4.0021 F.A.C. Graduates of the Master's level program in Physics Teaching (Grades 6 -12) may receive a transcript endorsement indicating "the completion of a state-approved program in the following certification are: "Physics (Grades 6-12), Master's level"

Complete ALL of the following Courses:

- SMT6315 - Problem-Based Instruction in Math-Science

This course has a mandatory field component of 60 hours for MAT students.

Additional Comments:

Social Studies Teaching Concentration (3 credits)
Type
Completion Requirement

Social Studies Teaching Concentration - Concentration Requirements

Graduates of the Master's level program in Social Studies Teaching (Grades 6 -12) may receive a transcript endorsement indicating "the completion of a state-approved program in the following certification are: "Social Studies (Grades 6-12), Master's level'

Complete ALL of the following Courses:

- SSE6385 - Special Methods in Teaching Social Studies

This course has a mandatory field component of 60 hours for MAT students.

Additional Comments:

Program Details

Description
Secondary Education

Code
SCE

Secondary Education: English/ESOL Teaching, MAT

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Major Requirements (21 Credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EDF6687 - Foundations of Multicultural and Urban Education
- EDG6415 - Principles of Instruction and Classroom Management
- EDF6237 - Principles of Learning and Introduction to Classroom Assessment
- RED6334 - Reading and Writing Across the Content
- EEX5053 - Foundations of Exceptional Education and Services
- ESE6947 - Professional Internship

Additional Comments:

English/ESOL Teaching Concentration Requirements (9 Credits)
Type
Completion Requirement

Concentration Requirements

Graduates of the Master's level program in English (Grades 6-12)/ESOL Endorsement may receive a transcript endorsement indicating "the completion of a state-approved program in the following certification are: "English (Grades 6-12)/ESOL Endorsement, Master's level"

Complete ALL of the following Courses:

- LAE6339 - Special Methods in Teaching English
- TSL6245 - ESOL Language and Literacy Development
- TSL6325 - TESOL Methods: Content Instruction

Additional Comments:

Culminating Experience (3 Credits)
Type
Completion Requirement

Culminating Experience

Complete ALL of the following Courses:

- EDG6427 - Teacher Inquiry for Internship

Additional Comments:

Program Details

Description
Secondary Education

Code
SCE

Science Education, BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDF3151 - Educational Psychology
- EDF4444 - Assessment of Learning and Behavior
- EDG3323 - The Learning Process
- EDG4410 - Classroom Management and Communication
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings
- RED4333 - Reading and Writing Across the Curriculum

EDG3323 has a mandatory field component of 30 hours for secondary education majors.

Additional Comments:

Biology (6-12) Concentration Requirements (65 Credits)
Type
Completion Requirement

Prerequisites (23 Credits)

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession
- MAC2311 - (GM) Calculus I
- BSC1010C - General Biology I
- BSC1011C - General Biology II
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory

NOTE: In addition to the prerequisites listed above, UNF strongly recommends prospective Biology Education Majors to complete the following courses, if possible, while completing their general education lower division coursework:

- EDF 2085 Introduction to Diversity for Educators (3 credits)
- EME 2040 Introduction to Technology for Educators (3 credits)
- PHY 2053/2053L Algebra-Based Physics I and Lab (4 credits)
  - Acceptable substitute: PHY 2048/2048L Calculus-based Physics 1 and Lab

Foundation Courses (8 Credits)

Complete ALL of the following Courses:

- BSC2012C - General Biology III
- CHM2210 - Organic Chemistry I
- CHM2210L - Organic Chemistry I Laboratory

Major Courses (22 Credits)

A minimum grade of "C" or higher is required.

Complete ALL of the following Courses:

- MCB3020C - Microbial Biology
- PCB3023C - Molecular and Cell Biology
- PCB3063 - Genetics
  AND PCB3063L - Genetics Lab
- PCB3043C - Ecology
- SMT4664 - Problem-Based Instruction Math-Science
- TSL4324 - TESOL for Secondary Content Area Teachers

SMT4664 has a mandatory field component of 30 hours for secondary education majors.

Culminating Experience (12 Credits)

All degree coursework must be completed satisfactorily before enrolling in the Internship. Fall internship applications are due on the 4th Friday of the previous spring term. Spring internship applications are due on the 4th Friday of the previous fall term.

Complete ALL of the following Courses:

- ESE4943 - Student Internship

RED4657: Language and Cognitive Foundations of Reading (3 Credits)*

*Course pending state approval

Additional Comments:

Chemistry (6-12) Concentration Requirements (65 Credits)
Type
Completion Requirement

Prerequisites (23 Credits)

A minimum grade of "C" or higher is required.

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession
- MAC2311 - (GM) Calculus I
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory
- PHY2053C - Algebra-based Physics I
- PHY2054C - Algebra-based Physics II

NOTE: In addition to the prerequisites listed above, UNF strongly encourages prospective Chemistry Education Majors to complete the following courses, if possible, while completing their general education and lower division coursework:

- EDF 2085 Intro to Diversity for Educators (3 credits)
- EME 2040 Intro to Technology for Educators (3 credits)
- BSC 1010C General Biology I (4 credits)

Foundation Courses (12 Credits)

Complete ALL of the following Courses:

- CHM2210 - Organic Chemistry I

- CHM2210L - Organic Chemistry I Laboratory
- CHM2211 - Organic Chemistry II
- CHM2211L - Organic Chemistry II Laboratory
- MAC2312 - (GM) Calculus II

Major Courses (18 Credits)

Complete ALL of the following Courses:

- CHM3120 - Quantitative Analytical Chemistry
- CHM3120L - Quantitative Analytical Chemistry Laboratory
- CHM3610 - Inorganic Chemistry
- CHM4400 - Survey of Physical Chemistry
- CHM4400L - Survey of Physical Chemistry Lab
- SMT4664 - Problem-Based Instruction Math-Science
- TSL4324 - TESOL for Secondary Content Area Teachers

And, select an additional Science from one of the following prefixes (1 Credit)

AST / GLY / PHY / PHZ / PSC / BCH / BOT / BSC / MCB / OCB / OCE / PCB / ZOO / CHM / CHS / IDC / COP

Culminating Experience (12 Credits)

All degree coursework must be completed satisfactorily before enrolling in the Internship. Fall internship applications are due on the 4th Friday of the previous spring term. Spring internship applications are due on the 4th Friday of the previous fall term.

Complete ALL of the following Courses:

- ESE4943 - Student Internship

RED4657: Language and Cognitive Foundations of Reading (3 Credits)*

*Course pending state approval

Additional Comments:

Physics (6-12) Concentration Requirements (73 Credits)
Type
Completion Requirement

Prerequisites (31 Credits)

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- PHY2048C - Calculus-based Physics I
- PHY2049 - Calculus-based Physics II
  AND PHY2049L - Calculus-based Physics II Lab
- CHM2045 - General Chemistry I
  AND CHM2045L - General Chemistry I Laboratory
- CHM2046 - General Chemistry II
  AND CHM2046L - General Chemistry II Laboratory

NOTE: In addition to the prerequisites listed, UNF strongly encourages prospective Physics Education majors to complete the following courses, if possible, while completing their general education and lower division coursework:

- EDF 2085 Intro to Diversity for Educators
- EME 2040 Intro to Technology for Educators

Foundation Courses (4 Credits)

Complete ALL of the following Courses:

- AST2002 - Discovering Astronomy
- AST2002L - Discovering Astronomy Lab

Major Courses (18 Credits)

Complete ALL of the following Courses:

- PHY3101 - Modern Physics
- PHY3101L - Modern Physics Laboratory
- PHY3424C - Optics with Laboratory
- PHY4523 - Thermodynamics and Statistical Mechanics
- SMT4664 - Problem-Based Instruction Math-Science
- TSL4324 - TESOL for Secondary Content Area Teachers

SMT4664 has a mandatory field component of 30 hours for secondary education majors.

Major Electives (8 Credits)

Earn at least 8 credits from the following:

- AST3217 - Astrophysics I
- PHY3722C - Electronics for Scientists
- PHY4802L - Advanced Physics Laboratory
- PHZ4404 - Solid State Physics
- PHY3220 - Classical Mechanics
- PHY4320 - Electricity and Magnetism

Culminating Experience (12 Credits)

All degree course work must be completed satisfactorily before enrolling into Internship. Fall internship applications are due the 4th Friday of the previous spring term. Spring internship applications are due the 4th Friday of the previous fall term.

Complete ALL of the following Courses:

- EDE4943 - Student Teaching Internship

RED4657: Language and Cognitive Foundations of Reading (3 Credits)*

*Course pending state approval

Additional Comments:

Program Details

Description
Science Education

Code
SCI

Special Education: Applied Behavior Analysis, MED

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (6 credits)

Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EEX5053 - Foundations of Exceptional Education and Services
- EEX6402 - Communication, Collaboration, and Consultation Skills for Special Education

Additional Comments:

Practicum (12 credits)
Type
Completion Requirement

Practicum

Complete ALL of the following Courses:

- EEX5852 - Practicum in Applied Behavior Analysis I
- EEX6853 - Practicum in Applied Behavior Analysis II
- EEX6854 - Practicum in Applied Behavior Analysis III
- EEX6856 - Practicum in Applied Behavior Analysis IV

Additional Comments:

Major Requirements (15 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- EEX5308 - Single Case Research Design
- EEX5612 - Concepts and Principles of Applied Behavior Analysis
- EEX6747 - Ethics and Professionalism in Applied Behavior Analysis and Exceptional Student Education
- EEX6636 - Research-Based Design for Behavioral Intervention
- EEX6615 - Implementation of Evidence Based Behavioral Intervention

Additional Comments:

Concentration Requirements (12 credits)
Type
Completion Requirement

Concentration Requirements

Complete ALL of the following Courses:

- EEX6635 - Positive Behavioral Interventions and Supports
- EEX6617 - Comprehensive Behavioral Intervention for Skill Acquisition
- EEX6664 - Advanced Practices in Applied Behavior Analysis
- EEX6627 - Supervision and Case Management in Applied Behavior Analysis and Education

Additional Comments:

Program Details

Description
Special Education

Code
SED

ASL/English Interpreting, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
Policies:

- Transferring ASL Classes: Students with ASL courses from another institution must be evaluated for appropriate placement (contact Michael.stultz@unf.edu for information)
- ENC 1101 Grade: If a 'B' or higher is not earned in ENC 1101 or its subsequent course an additional writing course may be required
- Field Experience: Transfer students who are admitted without 100 hours of prior interpreting field experience will be required to take INT 2303 Interpreting Field Experience.

Prerequisites (26 credits)
Type
Completion Requirement

Prerequisites

A grade of B or higher is required in ASL2140, ASL2150, INT1000, and ENC1101.

Complete ALL of the following Courses:

- ASL2140 - American Sign Language I
- ASL2150 - American Sign Language II
- ENC1101 - (GW) Writing for Audience and Purpose
- INT1000 - Introduction to Interpreting
- INT2010 - Discourse Analysis
- INT2113 - English and ASL Translation
- INT2204 - Interpreting in Community Settings
- INT2303 - Interpreting Field Experience

Additional Comments:

Core Requirements (12 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- ASL3514 - Deaf Culture

- ASL4131 - American Sign Language III
- ASL4211 - American Sign Language IV
- INT3011 - Linguistics for Interpreters

Additional Comments:

Major Requirements (30 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:
- ASL3226 - Advanced ASL Proficiency
- INT3134 - Applied Ethics in Interpreting
- INT3205 - Cognitive Processing
- INT3270 - Advanced ASL Classifiers for Interpreting
- INT4947 - Interpreting Practicum
- INT3275 - ASL Prosody
- INT3290 - Interpreting Skill Development I
- INT4291 - Interpreting Skill Development II
- INT4292 - Interpreting Skill Development III

Additional Comments:

Educational Interpreting Concentration Requirements (18 credits)
Type
Completion Requirement

Educational Interpreting Concentration Requirements

Complete ALL of the following Courses:
- EHD4311 - Psychology and Education of the Deaf
- EHD4245 - Language and Literacy Assessment & Instruction for DHH Students
- INT4404 - Interpreting in Educational Settings
- INT4931 - Issues and Trends in Educational Interpreting
- INT4409 - Interpreting Academic Subjects
- INT4455 - Interpreting for Diverse Populations

Additional Comments:

Community Interpreting Concentration Requirements (18 credits)
Type
Completion Requirement

Community Interpreting Concentration Requirements

Complete ALL of the following Courses:
- INT3951 - Service Learning in the Deaf Community
- INT4404 - Interpreting in Educational Settings
- INT4461 - Technology and Interpreting
- INT3411 - Deaf Perspectives on Interpreting
- INT4293 - Interpreting Skill Development IV
- INT4410 - Interpreting for Persons who are Deaf-Blind

Additional Comments:

Program Details

Description
ASL/English Interpreting

Code
SLI

ASL/English Interpreting, MS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Educational Interpreting Concentration (30 credits)
Type
Completion Requirement

Core Requirements (15 credits)

Complete ALL of the following Courses:
- INT5457 - Interpreting in Intercultural Contexts
- INT5805 - Mentoring in Interpreter Education
- INT6416 - Deaf Perspectives on Interpreting
- INT6911 - Applied Research in Interpretation
- INT6415 - DeafBlind Interpreting

Practicum (3 credits)

Complete ALL of the following Courses:
- INT6946 - Interpreting Internship

Concentration Requirements (12 credits)

Complete ALL of the following Courses:
- INT5408 - Interpreting in Educational Settings
- INT6405 - Interpreting Academic Subjects
- INT6932 - Issues and Trends in Educational Interpreting
- INT6416 - Deaf Perspectives on Interpreting

Additional Comments:

General Practice Concentration (30 credits)
Type
Completion Requirement

Core Requirements (15 credits)

Complete ALL of the following Courses:
- INT5457 - Interpreting in Intercultural Contexts
- INT5805 - Mentoring in Interpreter Education
- INT6416 - Deaf Perspectives on Interpreting
- INT6911 - Applied Research in Interpretation
- INT6415 - DeafBlind Interpreting

Concentration Requirements (15 credits)

Complete ALL of the following Courses:
- INT5954 - Service Learning in the Deaf Community
- INT6105 - Foundations of Interpreting Studies
- INT6425 - Legal Interpreting
- INT6435 - Mental Health Interpreting
- INT6436 - Healthcare Interpreting

Additional Comments:

Interpreting Pedagogy Concentration (30 credits)
Type
Completion Requirement

Concentration Requirements (30 credits)

Complete ALL of the following Courses:

- INT5800 - Legacies and Leadership in Interpreter Education
- INT6802 - Methods for Teaching Interpreting
- INT6807 - Teaching Translation
- INT6810 - Curriculum Development and Revision
- INT6811 - Performance Assessment
- INT6830 - Adult and Transformative Learning in Interpreter Education
- INT6840 - Distance Learning in Interpreter Education
- INT6911 - Applied Research in Interpretation
- INT6930 - Special Topics in Interpreter Education
- INT6942 - Pedagogy Internship

Additional Comments:

Program Details

Description
ASL/English Interpreting

Code
SLI

Sacred Music, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Sacred Music (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a undergraduate degree or as a standalone certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

Eligibility: Student in any major; non-degree seeking students.

Courses in the certificate program require department permission for registration. Course registration priority will be given to students enrolled in the Bachelor of Music degree tracks.

Students who are non-music majors will be asked to take a music proficiency test before they begin the certificate. This test may be waived for students who have taken either MUT1011 (Fundamentals of Music) or MUT1111 (Theory 1). Based on the test, students may be asked to participate in a UNF music ensemble and/or take MUT1011 before starting the program to ensure they have an adequate background in reading music and basic music theory.

Complete ALL of the following Courses:

- MUS3340 - Computer MIDI Score
- MUE2410 - Choral Techniques for Instrumentalists
- MUM4613 - Music Studio Recording Techniques
  OR MUM3701 - The Music Business
  OR MUM2634 - Digital Audio Production
  OR MUH2501 - World Music

And MUNXXXX Ensemble

Additional Comments:

Program Details

Description
Sacred Music Certificate

Code
SMU

Sociology, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (6 credits)
Type
Completion Requirement

Additional Comments:
Select 2 INTRO SOCIOLOGY (1000/2000): SYG/SYA/SYD/SYO/SYP

Core Requirements (6 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- SYA3300 - Sociological Research Methods
- SYA4010 - Sociological Theory

Additional Comments:

No Concentration (21 credits)
Type
Completion Requirement

Research Course (3 credits)

Complete at least 1 of the following courses:

- SYA3310 - Qualitative Research Methods
- SYA3450C - Social Science Data Analysis
- SYA4654 - Sociological Approaches to Program Evaluation

Electives (18 credits)

Complete at least 6 of the following courses:

- SYA3310 - Qualitative Research Methods
- SYA3450C - Social Science Data Analysis
- SYA4654 - Sociological Approaches to Program Evaluation
- SYA4930 - Special Topics in Sociology
- SYA4905 - Directed Individual Study
- SYA4914 - Sociological Research Experience
- SYA4943 - Sociology Internship
- SYO4200 - Sociology of Religion
- SYD4510 - Environment and Society
- SYO4370 - Sociology of Work
- SYD3410 - Urban Sociology
- SYD3700 - Sociology of Race & Ethnicity
- SYD3800 - Gender and Society
- SYD4702 - Race, Place and Inequality
- SYO3110 - Sociology of Sexualities
- SYO3530 - Social Stratification
- SYO4100 - Sociology of the Family
- SYO4300 - Political Sociology
- SYO4400 - Health, Illness and Society
- SYO4461 - Media & Pop Culture
- SYP3440 - Social Change and International Development
- SYP3570 - Deviance and Social Control
- SYP4050 - The Sociology of Human Interaction
- SYP4351 - Social Movements and Social Change
- SYP4730 - The Sociology of Aging
- SYD4237 - Sociology of Immigration
- SYP4713 - Sociology of Childhood and Youth
- SYP4013 - Sociology of the Body and Movement
- SYO4536 - Social Inequality

Additional Comments:

Social Research Concentration (21 credits)
Type
Completion Requirement

Required Courses (9 credits)

Complete ALL of the following Courses:

- SYA3310 - Qualitative Research Methods
- SYA3450C - Social Science Data Analysis
- SYA4654 - Sociological Approaches to Program Evaluation

Elective Options (3 credits)

Complete at least 1 of the following courses:

- ANT4497 - Ethnographic Methods
- ECO3421 - Econometrics
- ENG3816 - Digital Methods in Literary Studies
- GIS3043 - Introduction to Geographic Information Systems
- HSC3500 - Epidemiology
- HSC4730 - Public Health Research
- IDC2000 - The Beauty and Joy of Computing
- MMC4420 - Mass Communications Research
- POS3734 - Research Analysis for Political Scientists
- SOW3403 - Social Work Research Methods

Elective Options (9 credits)

Complete at least 3 of the following courses:

- SYA4930 - Special Topics in Sociology
- SYA4905 - Directed Individual Study
- SYA4914 - Sociological Research Experience
- SYA4943 - Sociology Internship
- SYO4200 - Sociology of Religion
- SYD4510 - Environment and Society
- SYO4370 - Sociology of Work
- SYD3410 - Urban Sociology
- SYD3700 - Sociology of Race & Ethnicity
- SYD3800 - Gender and Society
- SYD4702 - Race, Place and Inequality
- SYO3110 - Sociology of Sexualities
- SYO3530 - Social Stratification
- SYO4100 - Sociology of the Family
- SYO4300 - Political Sociology
- SYO4400 - Health, Illness and Society
- SYO4461 - Media & Pop Culture
- SYP3440 - Social Change and International Development
- SYP3570 - Deviance and Social Control
- SYP4050 - The Sociology of Human Interaction
- SYP4351 - Social Movements and Social Change
- SYP4730 - The Sociology of Aging
- SYP4713 - Sociology of Childhood and Youth
- SYD4237 - Sociology of Immigration
- SYP4013 - Sociology of the Body and Movement
- SYO4536 - Social Inequality

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select 1 two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level

will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.

- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Sociology

Code
SOC

Sociology, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Sociology (15 credits)
Type
Completion Requirement

Minor Required Courses

No more than 2 courses (6 semester hours) may be transferred in to satisfy minor course requirements. No more than 1 course (3 semester hours) may be at the lower division. A grade of C or better must be earned in each minor course.

SELECT 5 2000-4000 Level Courses
SYA / SYD / SYG / SYO / SYP

Additional Comments:

Program Details

Description
Sociology

Code
SOC

Social Work, BSW

Program Requirements

Simple Requisites

Degree Requirements

Prerequisites (15 Credits)
Type
Completion Requirement

Prerequisites - Required (12 credits)

Prior to being admitted to the BSW program, students must successfully complete 15 hours of state-mandated common prerequisites with a C or better. Select one course in each of the following disciplines (UNF course offerings are listed; equivalent courses from other institutions are also acceptable)

Complete ALL of the following Courses:

- POS2041 - Introduction to American Government
- PSY2012 - Introduction to Psychology
- SYG2000 - Introduction to Sociology
- ECO2013 - Principles of Macroeconomics
  OR ECO2023 - Principles of Microeconomics

Prerequisites - Biology (3 credits)

Complete ANY of the following Courses:

- BSC1005 - Principles of Biology
  AND BSC1005L - Principles of Biology Lab
- BSC2085C - Human Anatomy and Physiology I
- BSC1010C - General Biology I

Additional Comments:

Major Requirements (36 Credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- SOW3203 - Social Welfare Institutions
- SOW4101 - Human Behavior and the Social Environment I
- SOW3293 - Social Work Communication
- SOW3403 - Social Work Research Methods
- SOW4302 - Social Work with Individuals and Families
- SOW4102 - Human Behavior and the Social Environment II
- SOW4323 - Social Work Practice with Groups
- SOW4322 - Social Work with Organizations and Communities
- SOW4511 - Field Education I
- SOW4522 - Field Seminar I
- SOW4512 - Field Education II
- SOW4523 - Field Seminar II

Additional Comments:

Social Work Diversity Requirement (6 Credits)
Type
Completion Requirement

Social Work Diversity Requirement

Complete ALL of the following Courses:

- SOW3620 - Social Work with Marginalized Groups
- SYD3700 - Sociology of Race & Ethnicity
  OR SYD3800 - Gender and Society
  OR ANT3212 - (FC) Peoples and Cultures of the World

Additional Comments:

Major Electives (12 Credits)
Type
Completion Requirement

Major Electives

Complete at least 4 of the following courses:

- SOW4122 - Inside the Asylum
- SOW4930 - Special Topics in Social Welfare
- SOW4700 - Substance Abuse and Social Work Practice
- SOW4602 - Social Work in Health Care
- SYA4654 - Sociological Approaches to Program Evaluation
- SYO3110 - Sociology of Sexualities
- SYO4100 - Sociology of the Family
- SYO4400 - Health, Illness and Society
- SYP3570 - Deviance and Social Control
- SYP4730 - The Sociology of Aging
- CJC3410 - Methods of Offender Treatment
- CCJ4681 - Family Violence
- CJJ3010 - Juvenile Delinquency and Juvenile Justice
- SOW4651 - Child Abuse and Neglect
- SOW4724 - Child Welfare Practice

Additional Comments:

Concentration

No Requirement Level

Program Details

Description
Social Work

Code
SOW

Special Education: Disability Services, BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (3 credits)
Type
Completion Requirement

Prerequisites

Grade of "C" or higher required

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession

Additional Comments:

Core Requirements (3 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EEX4753 - Cooperative Consultation in Special Education

Additional Comments:

Concentration Courses (45 credits)
Type
Completion Requirement

Concentration Courses (30 credits)

Complete ALL of the following Courses:

- EEX3005 - Introduction to Disabilities
- EEX4024 - Disability Laws and Policies
- EEX4779 - Disability, Employment, and Community Engagement
- EEX3004 - Disability and Community Support Agencies
- LDR3003 - Introduction to Leadership
- EEX3070 - Inclusion of Individuals with Disabilities
- EEX3754 - Impact of Disabilities on Families, Schools, and Communities
- EME3334 - UDL: Universal Design for Learning
- EME3351 - Adult Learning Theory and Curriculum Development
- EEX4607 - Introduction to Applied Behavior Analysis
  OR EEX4604 - Classroom and Behavior Management

Concentration Practicum (15)

Complete ALL of the following Courses:

- EEX3846 - Clinical: Employment and Law
- EEX3843 - Clinical: Community and Participation
- EEX3844 - Clinical: Family and Social Capital
- EEX4845 - Clinical: Senior Capstone

Additional Comments:

Electives (12 credits)
Type
Completion Requirement

Additional Comments:
Four 3-credit elective classes are required. When considering electives, please consult with advising and the program director.

Program Details

Description
Special Education

Code
SPE

Special Education, MED

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (6 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EEX6402 - Communication, Collaboration, and Consultation Skills for Special Education
- EEX5308 - Single Case Research Design

Additional Comments:

Disability Services Concentration (24 credits)
Type
Completion Requirement

Disability Services Concentration - Concentration Requirements (12 credits)

Complete ALL of the following Courses:

- EEX6025 - Issues and Trends in Exceptional Education Services
- EME6609 - Universal Design for Learning (UDL): Diversity and Inclusion Practices for Training and Development
- EME6344 - Lifelong Learning and Professional Development **OR** EME6678 - Effective Training Design and Development
- EDF6480 - Foundations of Educational Research **OR** EDG6911 - Action Research in Education **OR** EDG6067 - Introduction to Teacher Inquiry

Disability Services Concentration - Electives (12 credits)

A minimum of 12 credit hours (5000-6000 Level) is to be selected by the student with permission from their advisor.

Additional Comments:

Exceptional Student Education Concentration (24 credits)
Type
Completion Requirement

Exceptional Student Education Concentration - Concentration Requirements (6 credits)

Complete ALL of the following Courses:

- EEX6025 - Issues and Trends in Exceptional Education Services
- EME6609 - Universal Design for Learning (UDL): Diversity and Inclusion Practices for Training and Development

Exceptional Student Education Concentration (3 credits)

Complete at least 1 of the following courses:

- EDF6480 - Foundations of Educational Research
- EDG6911 - Action Research in Education
- EDG6067 - Introduction to Teacher Inquiry

Exceptional Student Education Concentration (9 credits)

Complete at least 3 of the following courses:

- EEX5075 - Teaching Students with Exceptionalities in Inclusive Settings
- EEX6515 - Special Education Policy and Leadership
- EEX6766 - Instructional and Assistive Technology in Special Education
- EEX5612 - Concepts and Principles of Applied Behavior Analysis
- EEX6052 - Curriculum and Instruction for Learners with Exceptionalities

Exceptional Student Education Concentration - Electives (6 Credits)

Complete at least 2 of the following courses:

- EEX6635 - Positive Behavioral Interventions and Supports
- EEX6617 - Comprehensive Behavioral Intervention for Skill Acquisition
- EDE6205 - Effective Practices for Differentiating Instruction
- EDE6225 - Elementary School Curriculum and Instruction
- EDF6607 - Education in America
- EDF6687 - Foundations of Multicultural and Urban Education
- EDG6070 - Teacher Thinking and Decision Making In School Settings
- EDG6348 - Coaching and Mentoring for Effective Teaching and Instruction
- EDS6050 - Instructional Leadership (Instructional Leadership IV)
- EEC6205 - Curriculum and Instruction in Early Childhood Education
- EEC6611 - Early Childhood Education
- EEC6756 - Social-Emotional Learning and the Young Child
- EME5403 - Technology in Education
- EME6046 - Technology and Literacy
- EME6055 - Trends and Issues in Technology, Education, and Training
- ESE6215 - The Secondary School Curriculum
- IDC6015 - Computational Thinking in Elementary STEM Plus C Environments
- MAE6317 - Teaching Elementary Mathematics Using Technology
- RED6345 - Motivation and Engagement in Literacy Learning
- RED6656 - Advanced Foundations of Reading
- RED6657 - Evidence-Based Literacy Instruction
- SCE6735 - Trends and Issues in Elementary Science Teaching and Learning
- SMT6316 - Developing Creativity and Innovation in Elementary STEM Classrooms
- TSL6142 - ESOL Curriculum Development
- TSL6345 - Methods of Teaching in ESOL and Bilingual Settings

Additional Comments:

Program Details

Description
Special Education

Code
SPE

Disability Services, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Disability Services (12 credits)
Type
Completion Requirement

Minor Required Courses

Complete ALL of the following Courses:

- EEX3005 - Introduction to Disabilities
- EEX3070 - Inclusion of Individuals with Disabilities
- EEX4753 - Cooperative Consultation in Special Education
- EEX4024 - Disability Laws and Policies
  OR EEX3754 - Impact of Disabilities on Families, Schools, and Communities
  OR EEX3004 - Disability and Community Support Agencies
  OR EEX4779 - Disability, Employment, and Community Engagement

Additional Comments:

Program Details

Description
Disability Services

Code
SPE1

Sport Management, BS

Program Requirements

Simple Requisites

Degree Requirements

Informational Text
Type
Completion Requirement

Additional Comments:
To graduate with a bachelor's degree from the College of Education and Human Services, you must earn a minimum of 48 upper-level credits out of a minimum 120-degree applicable required credit hours.

Prerequisites (9 Credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ECO2013 - Principles of Macroeconomics
- SPM2000 - Introduction to Sport Management

Additional Comments:

Major Requirements (33 Credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- SPM3044 - Sport Governance
- SPM3104 - Sport & Entertainment Facility Management
- SPM3306 - Sport Marketing
- SPM3948C - Sport Management Practicum
- SPM4516 - Sales & Fundraising in Sport
- SPM4703 - Sport Business Analytics

SPM3473: Sport Communication Strategies (3 Credits)*

SPM3493: Issues in Sport (3 Credits)*

SPM4113: Management and Leadership in Sport (3 Credits)*

SPM4464: Sport Finance (3 Credits)*

SPM4476: Sport Law (3 Credits)*

*Course pending state approval

Additional Comments:

Internship Requirements (12 Credits)
Type
Completion Requirement

Internship Requirements

Complete at least 1 of the following courses:

- SPM4941 - Sport Management Internship

Or, SPM 4940: Sport Management Internship II (6 Credits)*

Students must complete an approved 6-credit hour internship during their last three semesters (summer, spring or fall) **AND one of the following**:

Repeat SPM4940 Sport Management Internship II* **OR** Complete 6 credit hours of 3000/4000 sport management electives (SPM)

*Course pending state approval

Additional Comments:

Concentration

No Requirement Level

Major Elective (3 Credits)
Type
Completion Requirement

Option 1: Statistics

Complete ALL of the following Courses:

- STA2023 - (GM) Introductory Statistics

If a student has completed STA2023 previously, select option 2.

Option 2: Elective

Select one 3000-4000 SPM Course

Additional Comments:

No Concentration Requirements (12 credits)
Type
Completion Requirement

Option 1: Complete a Minor

Complete a University approved minor

Option 2: Select Elective Courses

Earn at least 12 credits from the following:

- SPM3180 - Developing the Student Athlete
- SPB3603 - Diversity in Sport

SPM3703: Sport Performance Analytics (3 Credits)*

SPM4705: Applied Sport Analytics (3 Credits)*

SPM3XXX: Data Visualization in Sport (3 Credits)*

SPM4910: Directed Study (May be repeated up to 6 Credits)*

SPM4931: Special Topics in Sport Management (May be repeated up to 12 Credits)*

SPM4992: NIL and Branding (3 Credits)*

*Course pending state approval

Additional Comments:

Marketing Concentration Requirements (12 credits)
Type
Completion Requirement

Concentration Options (12 Credits)

Complete one of the following options
Option One: Select Marketing Minor available only to students majoring outside of Business. The minor requires 12 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/ concurrent enrollment at another institution is not permitted.

Option Two: Select Business Management Minor. This minor is available only to students majoring outside Business. The minor requires 12 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Additional Comments:

Sport Analytics Concentration Requirements (12 Credits)
Type
Completion Requirement

Concentration Required Courses

Complete the following 4 courses:

SPM3703 Sport Performance Analytics (3 Credits)*

SPM4707 Data Visualization in Sport (3 Credits)*

SPM4705 Applied Sport Analytics (3 Credits)*

SPM4931 Special Topics in Sport Analytics (3 Credits)*

*Courses pending state approval

Additional Comments:

Program Details

Description
Sport Management

Code
SPL

Sport Management, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Sport Management (15 credits)
Type
Completion Requirement

Minor Required Courses

Complete ALL of the following Courses:

- SPM2000 - Introduction to Sport Management

Minor Electives

Complete at least 4 of the following courses:

- SPM3306 - Sport Marketing
- PET4464 - Sport Finance
- PET3473 - Communication in Sport
- PET3493 - Issues in Sport
- PET4476 - Sport Law
- SPM3104 - Sport & Entertainment Facility Management
- SPM3044 - Sport Governance

Additional Comments:

Program Details

Description
Sport Management

Code
SPL

Sport Management, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Sport Management (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Students who have an undergraduate degree in Sport Management would not be required to take SPM 6008 Foundation of Sport Management, therefore, completing the certificate in 12 hours.

Complete ALL of the following Courses:

- SPM5206 - Ethics and Issues in Sport
- SPM5308 - Marketing and Promotions in Sport
- SPM5506 - Sport Finance
- SPM5605 - Sport Governance and Compliance
- SPM6008 - Foundations of Sport Management

Additional Comments:

Program Details

Description
Sport Management

Code
SPM

Spanish, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Core Requirements (9 credits)
Type
Completion Requirement

Core Requirements

Grades of C or above are required in all major courses.

Note: Students should select their first SPN or SPW course according to placement test results and departmental recommendation. Please contact the Department of Languages, Literatures, and Cultures about course placement and retroactive credit.

Complete ALL of the following Courses:

- SPN2200 - (FC) Intermediate Spanish I
- SPN2201 - (FC) Intermediate Spanish II

FOT3000: Career Pathways in Language and Culture Study (3 Credits)*

*Course pending state approval

Students who place out of SPN2200 Spanish Intermediate I and SPN2201 Intermediate Spanish II may waive SPN2200 and/or SPN2201; substitute any SPN, SPW, or FOL electives at the 3000 level or above; or apply for retroactive credit.

Additional Comments:

Major Requirements (9 credits)
Type
Completion Requirement

Required Courses (9 credits)

Complete ALL of the following Courses:

- SPN3242 - Spanish Conversation
- SPN3300 - Spanish Composition
- SPW3030 - Introduction to Literature in Spanish
- For non-heritage speakers of Spanish only. The requirement to take SPN3242 Spanish Conversation is waived for native/heritage speakers of Spanish. However, native/heritage speakers (students who grew up speaking Spanish) are encouraged to take the public speaking course SPN3351 Communication and Communities for Heritage Speakers
- Native and heritage speakers may take SPN3350 Spanish for Heritage-Speakers instead of SPN3300 Spanish Composition.

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.* (Credits will vary)

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 credit hours of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from a minor.

Major Electives (18 Credits)
Type
Completion Requirement

Major Elective Course Options

At least one course must be at the 4000-level.

Complete at least 6 of the following courses:

- FOL3953 - (FC) Advanced Foreign Language Study Abroad
- SPN3350 - Spanish for Heritage Speakers
- SPN3351 - Communication and Communities for Heritage Speakers
- SPN3503 - U.S. Hispanic Cultures
- SPN3524 - Latin American Cultures
- SPN3510 - Cultures of Spain
- SPN3036 - (FC) Spanish for Health Professions
- SPN4400 - Advanced Grammar and Translation
- SPN4905 - Directed Independent Study in Spanish
- SPN4940 - Internship for Service/Employment in Spanish

SPN3000: Spanish in the Age of AI and Digital Media (3 Credits)*

SPN3392: Film in Spanish (3 Credits)*

SPN3530: Theater in Spanish (3 Credits)*

*Courses pending state approval

Elective Options Taught in English

Students may count among their major electives up to 1 of the following courses taught in English by the Department of Languages, Literatures, and Cultures

Complete ANY of the following Courses:

- LAS3020 - (FC) Peoples and Cultures of the Caribbean
- LAS3102 - (FC) Pirates on the Spanish Seas
- LAS3930 - (FC) Cultures of Latin America
- FOT3500 - (FC) Peoples and Cultures of Spain
- LAS3132 - (FC) Women and Violence in Latin American Literature and Film
- LAS3130 - (FC) Latin American Pop Culture

Other courses in English may be counted by permission of the chair of Languages, Literatures, and Cultures.

Additional Comments:

Program Details

Description
Spanish

Code
SPN

Spanish, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Spanish (15 credits)
Type
Completion Requirement

Minor Required Courses

The Spanish minor consists of 15 credit hours above the beginning level: Intermediate Spanish I, Intermediate Spanish II, and 3 additional 3000 or 4000 level SPN or SPW electives. Students who place at the 3000 level on the department's computerized placement test may apply for retroactive credit for Intermediate Spanish I and Intermediate Spanish II (see policy on Placement and Retroactive Credit) At least 3 upper-level courses (9 semester hours) must be completed at UNF. A grade of C or better is required for all minor courses.
Note: Native/Heritage speakers of Spanish must first consult with a member of the Spanish faculty or the chair of Languages, Literatures, and Cultures for appropriate courses to take as Spanish electives.

Select 5 Courses Taught in Spanish

Additional Comments:

Program Details

Description
Spanish

Code
SPN

Spanish for the Professions, Certificate (CU)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Spanish for the Professions (15 credits)
Type
Completion Requirement

Informational Text

Informational Text
Students may only enroll in the certificate as a non-degree seeking student. Please see the Undergraduate Certificate Programs page for more information.

This undergraduate certificate consists of 15 credits (6 credits of prerequisites and an additional 9 hours of certificate course requirements) at the 3000-4000 level with the goal of providing students with the linguistic skills and cultural competency necessary for an increasingly global community, focusing on building cultural background and communicative proficiency while providing profession-specific language and cultural experience.

- At least 9 of the 15 credits must be earned with the UNF Spanish program in the Department of Languages, Literatures, and Cultures.
- Study abroad courses or internships in Spanish-speaking countries, may be accepted with the approval of the Chair of the Department of Languages, Literatures, and Cultures.
- All prerequisites as well as courses for the certificate must be passed with a C or better.

Certificate Prerequisites for Non-Native Speakers

Complete at least 2 of the following courses:

- SPN3300 - Spanish Composition
- SPN3242 - Spanish Conversation

Or any (SPN) Culture or (SPW) Literature course (3 credit hours)

Certificate Prerequisites for Heritage Speakers

Complete at least 2 of the following courses:

- SPN3351 - Communication and Communities for Heritage Speakers
- SPN3300 - Spanish Composition
- SPN3350 - Spanish for Heritage Speakers

Or any (SPN) Culture or (SPW) Literature course (3 credit hours)

Certificate Required Course

Complete at least 1 of the following courses:

- SPN3013 - (FC) Spanish For Business
- SPN3036 - (FC) Spanish for Health Professions

Additional Certificate Requirements

Complete at least 2 of the following courses:

- SPN4940 - Internship for Service/Employment in Spanish

Or 3000-or 4000-level, profession-specific course conducted in Spanish at UNF or as part of a UNF affiliated dual-degree or study-abroad program.

Or any 3000 or 4000-level SPN or SPW course that is taught in Spanish and that you have not taken before to suit your academic and professional interest.

Additional Comments:

Program Details

Description
Spanish for the Professions

Code
SPP

Social Studies Education (6-12), BAE

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (15 credits)
Type
Completion Requirement

Prerequisites

A grade of C or higher is required in all prerequisite courses.

Complete ALL of the following Courses:

- EDF1005 - Introduction to the Teaching Profession
- POS2041 - Introduction to American Government
- AMH2010 - United States History to 1877
- AMH2020 - United States History since 1877

ADDITIONAL Social Studies course. Select 1 course from the following disciplines:
Anthropology (ANT)
Cultural Geography (GEO, GEA)
Economics (ECO)
Psychology (PSY)
Sociology (SOC)
NOTE: ECO 2023 IS RECOMMENDED FOR THE ABOVE SELECTION.
NOTE: In addition to the prerequisites listed above, UNF strongly encourages prospective Social Studies majors to complete the following courses, if possible, while completing their General Education and lower division course work. ECO 2013, WOH 1012, WOH 1022, select 1 from: ANT 2000, SYG 2000, PSY 2012

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

Complete ALL of the following Courses:

- EDF3151 - Educational Psychology
- EDG3323 - The Learning Process
- EDF4444 - Assessment of Learning and Behavior
- EDG4410 - Classroom Management and Communication
- EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings
- RED4333 - Reading and Writing Across the Curriculum

Additional Comments:

Major Requirements (18 credits)
Type
Completion Requirement

Major Requirements

Complete ALL of the following Courses:

- AMH3420 - Florida History
- GEO3372 - Conservation of Natural Resources
- HIS3051 - (GW) The Craft of the Historian
- INR3016 - Global Issues in Contemporary Politics
- SSE4384 - Special Methods: Social Studies
- TSL4324 - TESOL for Secondary Content Area Teachers

Additional Comments:

Culminating Experience (12 credits)
Type
Completion Requirement

Culminating Experience

All degree coursework must be completed satisfactorily before enrolling in an Internship. Fall internship applications are due on the 4th Friday of the previous spring term. Spring internship applications are due on the 4th Friday of the previous fall term.

Complete ALL of the following Courses:

- ESE4943 - Student Internship

RED4657: Language and Cognitive Foundations of Reading (3 Credits)*

*Course pending state approval

Additional Comments:

Major Electives (12 credits)
Type
Completion Requirement

Additional Comments:

- Social Studies Electives (6 Credits) - Choose From: AMH/ECO/EUH/HIS/INR/LAH/POS/PSY/SOP/SYA/SYG
- SELECT 1 ASH 3000-4000 Level course (3 Credits)
- SELECT 1 LAH 3000-4000 Level course (3 Credits)

Program Details

Description
Social Studies Education

Code
SST

Statistics, BA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (26 credits)
Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III

AND

- Select 1 Statistics (STA) Course
- Select 1 Scientific Computer Programming Course

  Department recommends a computer programming language course (COP) in PASCAL, FORTRAN, C, C+, C++
- Select 2 Lab Science Courses in BSC CHM PHY GLY

  Must be designed for science majors

Additional Comments:

Major Requirements (34 credits)
Type
Completion Requirement

Required Courses (19 credits)

Complete ALL of the following Courses:

- MAS3105 - (GM) Linear Algebra
- STA3163 - (GM) Statistical Methods I
- STA3164 - (GM) Statistical Methods II
- STA4321 - (GM) Probability and Statistics
- STA4322 - (GM) Statistical Theory

Electives (12 credits)

Grades of C or higher required in all major electives.

Complete at least 4 of the following courses:

- MAP4231 - (GM) Operations Research
- STA4504 - (GM) Categorical Data Analysis
- MAA4211 - (GM) Advanced Calculus I
- MAA4212 - (GM) Advanced Calculus II
- MAP3170 - Financial Mathematics for Actuarial Science
- MHF3202 - (GM) Foundation of Mathematics
- STA4202 - (GM) Design of Experiments
- STA4222 - Design of Sample Surveys
- STA4664 - Statistical Quality Control
- STA4502 - (GM) Nonparametric Methods in Statistics
- STA4672 - Probability Models with Applications to Actuarial Science
- STA4853 - Statistical Techniques for Time Series and Forecasts
- STA4906 - Directed Individual Studies

Capston Experience (3 credits)

Graduation requirement: students must maintain a portfolio according to department guidelines and submit it to their capstone professor.

Complete at least 1 of the following courses:

- STA4945 - Capstone Experience in Statistics
- STA4912 - Research Experience in Statistics - Independent Study

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
A minor is required for this major.*

The minor must be selected from the list of approved minors, including those outside the college of the major.
See List of Minors in the Undergraduate Catalog. Minors are generally completed during the last 60 hrs of your program. Your minor may require prerequisites, so choosing a minor early is beneficial. See your Advisor to declare a minor.

*Double majors are exempt from the minor requirement.

Foreign Language/Foreign Cultures
Type
Completion Requirement

Additional Comments:
Foreign Language (8 CHs)/Foreign Culture Requirement (6 CHs): All BA students in the College of Arts and Sciences are required to complete either (i) the Foreign Language option or (ii) the Foreign Culture option, in either case with grades of C or higher.

TAKE 8 HOURS OF FOREIGN LANGUAGE

- Select 1 two-course sequence of Spanish, French, Chinese, German, Latin, or American Sign Language.
- The first course in each of the two-course sequences is typically offered in the fall; the second course in each of the two-course sequences is typically offered in the spring.
- To determine whether to enroll in the first or the second course of the two-course French or Spanish sequences, incoming students with prior experience in French or Spanish must take a placement exam. Students who place above the beginning level will satisfy the Foreign Language option by earning a "C" or better in the second French or second Spanish course into which they have placed.
- Students who complete a 3000-level French or Spanish course with a "C" or above have demonstrated the mastery that is required in the two-course French or Spanish sequence and may request retroactive credit for the sequence. The retroactive credit will either be 3 or 6 credits, depending on their placement following the exam.
- This policy applies to Chinese as well, placement being determined by the professor of the program.

FC Foreign Culture Option

- Students who successfully completed 2 years of foreign language in high school have the option of taking 6 hours of foreign culture courses instead of 8 hours of college level foreign language.
- Foreign cultures contain (FC) in the course title.
- A complete list of foreign culture courses can be found in the Arts & Sciences Advising Office.

Program Details

Description
Statistics

Code
STA

Statistics, BS

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (26 credits)
Type
Completion Requirement

Prerequisites

All transfer courses require prior approval of department chairperson. A grade of C or better is required in all statistics prerequisites.

Complete ALL of the following Courses:
- MAC2311 - (GM) Calculus I
- MAC2312 - (GM) Calculus II
- MAC2313 - (GM) Calculus III
- SELECT 1 STATISTICS (STA) COURSE
- SCIENTIFIC COMPUTER PROGRAMMING COURSE

  Department recommends a computer programming language course (COP) in PASCAL, FORTRAN, C, C+, C++
- SELECT 2 LAB SCIENCE COURSES in BSC CHM PHY GLY

  Must be designed for science majors

Additional Comments:

Core Major Requirements (19 credits)
Type
Completion Requirement

Core Major Requirements

Grades of C or higher required in all major courses.

Complete ALL of the following Courses:
- MAS3105 - (GM) Linear Algebra
- STA3163 - (GM) Statistical Methods I
- STA3164 - (GM) Statistical Methods II
- STA4321 - (GM) Probability and Statistics
- STA4322 - (GM) Statistical Theory

Additional Comments:

Capstone Experience (3 credits)
Type
Completion Requirement

Capstone Experience

Complete ALL of the following Courses:
- STA4945 - Capstone Experience in Statistics
- STA4912 - Research Experience in Statistics - Independent Study

Additional Comments:

Minor Required
Type
Completion Requirement

Additional Comments:
Bachelor of Science students majoring in mathematics or statistics must select a minor from among biology, physics, computer science, statistics (for mathematics majors only), chemistry, economics, business, or mathematics (for statistics majors only). Double majors are exempt from a minor

No Concentration Requirements (15 credits)

Type
Completion Requirement

Concentration Electives

Grades of C or higher required in all major electives.

Complete at least 5 of the following courses:

- STA4504 - (GM) Categorical Data Analysis
- MAA4211 - (GM) Advanced Calculus I
- MAA4212 - (GM) Advanced Calculus II
- MAP3170 - Financial Mathematics for Actuarial Science
- MAP4231 - (GM) Operations Research
- MHF3202 - (GM) Foundation of Mathematics
- STA4202 - (GM) Design of Experiments
- STA4222 - Design of Sample Surveys
- STA4664 - Statistical Quality Control
- STA4502 - (GM) Nonparametric Methods in Statistics
- STA4672 - Probability Models with Applications to Actuarial Science
- STA4853 - Statistical Techniques for Time Series and Forecasts

Additional Comments:

Actuarial Science Concentration Requirements (21 credits)
Type
Completion Requirement

Required Courses

Complete ALL of the following Courses:

- MAP3170 - Financial Mathematics for Actuarial Science
- STA4672 - Probability Models with Applications to Actuarial Science
- STA4853 - Statistical Techniques for Time Series and Forecasts

Concentration Electives

Complete at least 4 of the following courses:

- MAP4231 - (GM) Operations Research
- MHF3202 - (GM) Foundation of Mathematics
- STA4202 - (GM) Design of Experiments
- STA4222 - Design of Sample Surveys
- STA4502 - (GM) Nonparametric Methods in Statistics
- STA4504 - (GM) Categorical Data Analysis
- STA4664 - Statistical Quality Control
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- RMI3011 - Risk Management and Insurance

Additional Comments:

Program Details

Description
Statistics

Code
STA

Statistics, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Statistics (19-21 credits)
Type
Completion Requirement

Minor Required Courses

A grade of C or better is required for all minor courses and prerequisites.

Complete ALL of the following Courses:

- STA3163 - (GM) Statistical Methods I
- STA3164 - (GM) Statistical Methods II

Minor Electives

Earn at least 12 credits from the following:

- STA2023 - (GM) Introductory Statistics
- STA4202 - (GM) Design of Experiments
- STA4222 - Design of Sample Surveys
- MAP4231 - (GM) Operations Research
- STA4321 - (GM) Probability and Statistics
- STA4322 - (GM) Statistical Theory
- STA4502 - (GM) Nonparametric Methods in Statistics
- STA4504 - (GM) Categorical Data Analysis
- STA4664 - Statistical Quality Control
- STA4672 - Probability Models with Applications to Actuarial Science
- STA4853 - Statistical Techniques for Time Series and Forecasts

Additional Comments:

Program Details

Description
Statistics

Code
STA

Social Welfare, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Social Welfare (18 credits)
Type
Completion Requirement

Minor Prerequisite

No more than 6 semester hours, or 2 courses may be transferred in to satisfy minor course requirements. No more than 3 semester hours, or 1 course carrying lower division numbers may be used to satisfy any minor requirement. A grade of C or better is required for all minor courses.

Select 1 1000/2000 SYG/SOW course (3 credits)

Minor Required Courses

Complete ALL of the following Courses:

- SOW3213 - Social Welfare Policy
- SOW4352 - Principles of Social Service Provision
- SYD3800 - Gender and Society
  OR SYD3700 - Sociology of Race & Ethnicity
  OR ANT3212 - (FC) Peoples and Cultures of the World
  OR SOW3620 - Social Work with Marginalized Groups

Minor Electives

Complete at least 2 of the following courses:

- SYD3700 - Sociology of Race & Ethnicity
- SYO3110 - Sociology of Sexualities
- SYO4100 - Sociology of the Family
- SYO4400 - Health, Illness and Society
- SYP3570 - Deviance and Social Control
- SYP4730 - The Sociology of Aging
- CJC3410 - Methods of Offender Treatment
- CCJ4681 - Family Violence
- CJJ3010 - Juvenile Delinquency and Juvenile Justice
- SOW4930 - Special Topics in Social Welfare
- SYA4654 - Sociological Approaches to Program Evaluation
- SOW4905 - Directed Independent Study - Social Work
- SOW4122 - Inside the Asylum
- SOW4700 - Substance Abuse and Social Work Practice
- SOW4602 - Social Work in Health Care
- SOW4651 - Child Abuse and Neglect
- SOW4724 - Child Welfare Practice
- SYP4713 - Sociology of Childhood and Youth
- SYD4237 - Sociology of Immigration

Additional Comments:

Program Details

Description
Social Welfare

Code
SWE

Teaching Diverse Learners, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Teaching Diverse Learners (9 credits)

Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- TSL6345 - Methods of Teaching in ESOL and Bilingual Settings
- EDE6205 - Effective Practices for Differentiating Instruction
- EDF6687 - Foundations of Multicultural and Urban Education

Additional Comments:

Program Details

Description
Teaching Diverse Learners

Code
TDL

Teacher Inquiry, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Teacher Inquiry (9 credits)

Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EDG6067 - Introduction to Teacher Inquiry
- EDG6911 - Action Research in Education

Additional Comments:

Program Details

Description
Teacher Inquiry

Code
TIQ

Secondary Teacher Thinking & Decision Making Certificate Degree, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Secondary Teacher Thinking & Decision Making (9 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EDG6070 - Teacher Thinking and Decision Making In School Settings
- EDG6911 - Action Research in Education
- EDS6050 - Instructional Leadership (Instructional Leadership IV)

Additional Comments:

Program Details

Description
Sec Teach Thnk & Dec Mak Cert

Code
TLM

Transportation and Logistics, BBA

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

Additional Comments:
Students must submit an online MAN 4720 application before registration.

- Fall policy applications available June 1-30
- Spring policy applications available October 1-31
- Summer policy applications available March 1-31

Major Requirements (18 credits)
Type
Completion Requirement

Major Requirements

A grade of C or better is required in all major coursework.

TRA courses are generally not offered in the summer.

Complete ALL of the following Courses:

- MAN4550 - Introduction to Management Science
- TRA3035 - Foundations of Transportation
- TRA4202 - Logistics Systems Management
- TRA4210 - Logistics Subsystems Analysis
- TRA4721 - International Logistics
- SCM4155 - Supply Chain Management

Additional Comments:

Major Electives (9 credits)
Type
Completion Requirement

TRA Major Electives

A grade of "C" or better required in major electives.

Complete at least 2 of the following courses:

- TRA4132 - Purchasing Management
- TRA4139 - Seminar in Purchasing and Materials Management
- TRA4945 - Logistics Internship
- TRA4234 - Warehouse Management
- SCM4170 - Supply Chain Management Strategy, Leadership & Business Applications
- TRA4956 - Study Abroad in Logistics

Non-TRA Major Electives

A grade of "C" or better required in major electives.

Complete at least 1 of the following courses:

- ACG4361 - Cost Accounting
- GIS3043 - Introduction to Geographic Information Systems
- MAR4721 - Digital Marketing Strategy
- MAR4615 - Introduction to Marketing Analytics
- ISM4011 - Introduction to Management Information Systems

Additional Comments:

Required Business (9 credits)
Type
Completion Requirement

Required Business

Complete ALL of the following Courses:

- ECO3411 - Business and Economic Statistics
- ECO3704 - International Trade
  OR FIN4604 - International Finance
  OR MAN4600 - International Management
  OR MAR4156 - International Marketing

And

Select one 3000-4000 Level Business Course:
ACG / BUL /ECO / ECP / ECS / ENT / FIN / GEB / GEO / ISM / MAN / MAR / QMB / REE / RMI / TAX (except ECO3411)
Consult the UNF Catalog for course prerequisites.

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Non-Business Requirements

A grade of "C" or better is required for all courses in this area.

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

AND one cultural diversity course. The Cultural Diversity course should be chosen from the list on the Coggin Advising website.

Additional Comments:

Program Details

Description
Transportation and Logistics

Code
TRL

Supply Chain Management for Business Majors, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Supply Chain Management for Business Majors (12 Credits)
Type
Completion Requirement

Minor Required Courses

Complete ALL of the following Courses:

- TRA3035 - Foundations of Transportation
- SCM4155 - Supply Chain Management

Minor Electives

Select 2 additional elective courses
Select 2 3000-4000 level electives from the following prefixes: SCM / TRA

Additional Comments:

Program Details

Description
Supply Chain Mgt for Bus Stude

Code
TRL1

Logistics for Business Majors, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Logistics for Business Majors (12 Credits)
Type
Completion Requirement

Minor Required Courses

The minor is open to all business majors at junior standing. The minor requires 12 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- TRA3035 - Foundations of Transportation
- TRA4202 - Logistics Systems Management

Minor Electives

Select 2 additional elective courses
Select 2 3000-4000 level electives from the following prefixes: SCM / TRA

Additional Comments:

Program Details

Description
Logistics for Bus Students

Code
TRL2

Logistics for Non-Business Majors, Minor

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Minor: Logistics for Non-Business Majors (12 Credits)
Type
Completion Requirement

Minor Required Courses

The minor is open to all non-business majors at junior standing. The minor requires 12 semester hours which must be taken at UNF. A grade of C or better is required in all courses. Transient/concurrent enrollment at another institution is not permitted.

Complete ALL of the following Courses:

- TRA3035 - Foundations of Transportation
- TRA4210 - Logistics Subsystems Analysis

Minor Electives

Select 2 additional elective courses
Select 2 3000-4000 level electives from the following prefixes: SCM / TRA

Additional Comments:

Program Details

Description
Logistics for Non-Bus Students

Code
TRL3

International Business, BBA (UV)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Informational Text
Type
Completion Requirement

Additional Comments:
The UV/UNF double degree is an exciting opportunity to spend two years at the Univ of Valencia and two years at UNF, including a four month internship in the United States. Students who complete both UNF and UV requirements earn two degrees: a Bachelor of Business Administration from UNF and a Bachelor of International Business from the University of Valencia.

The degree evaluation below reflects only the requirements to earn the UNF degree. In order to earn the University of Valencia degree, additional requirements must be met. These are listed on the UV/UNF program website under the Curriculum tab; they include the following:

UV to UNF

- completing additional coursework at UV (Spain)
- completing a bachelor's thesis
- fulfilling internship experience in the United States

UNF to UV

- completing additional coursework at UV (Valencia, Spain)
- maintaining a minimum UNF GPA of 2.7 prior to studying at UV
- completing a bachelor's thesis
- fulfilling the internship experience in Spain

International Business majors must apply for a passport in the first semester of the program.

Prerequisites (21 credits)
Type
Completion Requirement

Prerequisites

A grade of "C" or better is required in all prerequisites.

UV to UNF

All prerequisites, excluding MAC2233, are taken at the University of Valencia.

UNF to UV

Students are required to complete the S.T.A.R Certification program with the Coggin Career Management Center by the end of their second year at UNF, prior to taking classes at the University of Valencia.

Students must maintain a minimum 2.7 UNF GPA in order to study abroad at University of Valencia in Spain.

Complete ALL of the following Courses:

- ACG2021 - Principles of Financial Accounting
- ACG2071 - Principles of Managerial Accounting
- CGS1100 - Computer Applications for Business
- ECO2013 - Principles of Macroeconomics
- ECO2023 - Principles of Microeconomics
- MAC2233 - (GM) Calculus for Business
- STA2023 - (GM) Introductory Statistics

Additional Comments:

Core Requirements (18 credits)
Type
Completion Requirement

Core Requirements

A grade of "C" or better is required in all core courses.

UV to UNF

MAN4720 is taken during the final semester of on-campus coursework, the semester prior to beginning the internship. FIN3403, MAN3025, & MAR3023 are taken at the University of Valencia and must be completed prior to taking MAN4720.

UNF to UV

MAN 4720 is taken in a student's last semester, following completion of the internship in Spain. FIN3403, MAN3025, & MAR3023 must be completed prior to taking MAN4720. MAR3023 will be taken at the University of Valencia.

Complete ALL of the following Courses:

- BUL3130 - The Legal Environment of Business
- FIN3403 - Financial Management
- MAN3025 - Principles of Management
- MAR3023 - Principles of Marketing
- MAN3504 - Operations Management
- MAN4720 - Strategic Management and Business Policy

You must pre-apply at www.unf.edu/coggin for MAN4720.

Additional Comments:

Major Requirements (12 credits)
Type
Completion Requirement

Major Requirements

UV to UNF

ECO 3704 is taken at the University of Valencia. All International Business Majors are required to participate in an approved international educational experience. Students are also required to complete the S.T.A.R Certification program with the Coggin Career Management Center prior to starting their mandatory internship.

UNF to UV

All International Business Majors are required to participate in an approved international educational experience. All four of these courses will be taken at University of Valencia.

Complete ALL of the following Courses:

- ECO3704 - International Trade
- FIN4604 - International Finance
- MAN4600 - International Management
- MAR4156 - International Marketing

Additional Comments:

Major Electives (6 credits)
Type
Completion Requirement

Major Electives

A grade of "C" or better is required in all courses in this area.

UV to UNF

These courses are taken at the University of Valencia.

UNF to UV

Major Electives will be taken at the University of Valencia.

Complete at least 2 of the following courses:

- ACG4956 - Study Abroad in Accounting
- BUL4322 - International Business Law
- ECO4713 - The International Monetary System
- ECO4956 - Study Abroad in Economics
- ECS3013 - Economic Development
- ECS3403 - Current Issues in the Economy of Latin America
- ECS3303 - Current Issues in the Economics of the European Union
- FIN4956 - Study Abroad in Finance
- GEB4956 - Study Abroad in Business
- GEO3502 - Economic Geography
- MAN4064 - Organizational Ethics: A Global Perspective
- MAN4654 - Comparative Business Practices: European Union and the U.S.
- MAN4956 - Study Abroad in Management
- MAR4956 - Study Abroad in Marketing
- SPN3013 - (FC) Spanish For Business
- TAX4901 - Directed Independent Study in Taxation
- TRA4721 - International Logistics
- TRA4956 - Study Abroad in Logistics

Additional Comments:

Internships (3 credits)
Type
Completion Requirement

Internships

UV to UNF

Students must complete the S.T.A.R Certification program prior to beginning their internship. The internship takes place in the United States during the student's final semester(s) at UNF. International students are responsible for procuring appropriate immigration documents within the necessary time frame.

UNF to UV

Internship in Spain must be completed before final semester

Complete ALL of the following Courses:

- GEB3361 - International Business Internship

Additional Comments:

Requisites (6 credits)
Type
Completion Requirement

Requisites

Select 2 foreign language courses at the intermediate level or above. A grade of "C" of better is required for all courses in this area.

UV to UNF

Both courses must be in the same language.

UNF to UV

SPN 2200 and SPN 2201 must be taken for the Valencia double degree program.

Complete ANY of the following Courses:

- SPN2200 - (FC) Intermediate Spanish I
  AND SPN2201 - (FC) Intermediate Spanish II
- FRE2240 - (FC) Intermediate French I
  AND FRE2241 - (FC) Intermediate French II
- GER2200 - (FC) Intermediate German I
  AND GER2201 - (FC) Intermediate German II
- CHI2200 - (FC) Intermediate Chinese I
  AND CHI2201 - (FC) Intermediate Chinese II

Additional Comments:

Non-Business Requirements (6 credits)
Type
Completion Requirement

Additional Comments:
UV to UNF

6 semester hours are required. A grade of "C" or better is required for all courses in this area. One of the courses must satisfy the Coggin College of Business cultural diversity requirement.

UNF to UV

Regional Studies courses will be taken at University of Valencia.

ASIAN Studies option
EUROPEAN Studies
LATIN AMER Studies Option
MID EAST & African Studies option
INTER REL International Relations Option
FRENCH LAN French Language Option
SPANISH Language Option

Non-Business Requirements (3 credits)
Type
Completion Requirement

Non-Business Requirements

Complete ALL of the following Courses:

- ENC3202 - Professional Communication for Business

Additional Comments:

Experimental Courses
Type
Completion Requirement

Additional Comments:
All International Business majors are required to have an international experience prior to graduation. Students with the UV concentration will satisfy this upon completion of their additional UV requirements.

EXPERIENCE International

UV to UNF Concentration Requirements (6 credits)
Type
Completion Requirement

Required Business Courses

A grade of "C" or better is required for all courses in this area. ECO 3411 is taken at the University of Valencia.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ECO3411 - Business and Economic Statistics

Additional Comments:

UNF to UV Concentration Requirements (6 credits)
Type
Completion Requirement

Required Business Courses

A grade of "C" or better is required for all courses in this area. ECO 3411 will be taken at the University of Valencia.

Complete ALL of the following Courses:

- ISM4011 - Introduction to Management Information Systems
- ECO3411 - Business and Economic Statistics
  OR MAN4550 - Introduction to Management Science

Additional Comments:

Program Details

Description
International Business

Code
UV

Whole Child, Certificate (CB)

Program Requirements

Simple Requisites

Degree Requirements

Concentration

No Requirement Level

Certificate: Whole Child (15 credits)
Type
Completion Requirement

Certificate Required Courses

Students may earn the certificate in conjunction with a graduate degree or as a standalone certificate as a non-degree seeking student. Please see the Graduate Certificate Programs page for more information.

Complete ALL of the following Courses:

- EDE6225 - Elementary School Curriculum and Instruction
- EDE6935 - Special Topics
- EDG6070 - Teacher Thinking and Decision Making In School Settings
- EEC6205 - Curriculum and Instruction in Early Childhood Education
- EEC6756 - Social-Emotional Learning and the Young Child

Additional Comments:

Program Details

Description
Whole Child Graduate Cert.

Code
WCH

All Courses

ACG2021 - Principles of Financial Accounting

General

Course Description
Prerequisite: 20 earned hours and completion of MAC 1105 or equivalent with "C" or better.
Description: This course is a conceptual introduction to financial accounting. In this course, primary emphasis is placed on income measurement and the interpretation of conventional financial statements.
Availability: Offered every semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG2071 - Principles of Managerial Accounting

General

Course Description
Prerequisite: ACG 2021, 20 earned hours, and MAC 1105 or equivalents each with a grade of "C" or better.
Description: This course is the conceptual introduction to managerial accounting. The material covers accounting for cost reporting and control, reports, statements, and analytical tools used by management.
Availability: Offered every semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG3103 - Intermediate Accounting Problems and Concepts I

General

Course Description
Prerequisite: ACG 2021 with a "C" or better.
Co-requisite: CGS 1100.
Description: The course is a study of accounting principles and assumptions underlying the theories of matching costs and revenues to determine income and financial position. The course stresses asset acquisition, valuation, and allocation. The course encourages a critical evaluation of existing accounting theory and practice.
Availability: Offered every semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG3113 - Intermediate Accounting Problems and Concepts II

General

Course Description
Prerequisite: ACG 3103 with "C" or better.
Description: This course is a continuation of ACG 3103.
Availability: Offered every semester.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ACG3123 - Intermediate Accounting Problems and Concepts III

General
Course Description
Prerequisite: ACG 3113 with "C" or better.
Description: This course is a continuation of ACG 3113 with emphasis on special contemporary problems, FASB pronouncements, and fund accounting.
Availability: Offered every semester.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
3

ACG3501 - Fund Accounting

General
Course Description
Prerequisite: ACG 3103 with "C" or better.
Description: This course includes specific accounting methods and techniques applicable to governmental and not-for-profit organizations.
Availability: Offered infrequently.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ACG4201 - Advanced Accounting

General
Course Description
Prerequisite: ACG 3123 with "C" or better.
Description: This course is an in-depth study of consolidated financial statements. Other topics include accounting for foreign operations and international accounting standards.
Availability: Offered infrequently.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ACG4361 - Cost Accounting

General

Course Description
Prerequisite: ACG 2071 and CGS 1100 with "C" or better.
Description: This course includes an analysis of cost data for goods and services for planning, controlling, and decision-making.
Availability: Offered every semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG4381 - Controllership

General

Course Description
Prerequisite: ACG 4361 with "C" or better
Description: This course studies the duties and responsibilities of the chief accounting officer in a business organization. Topics will include the relationship of the controller to other officers of an organization and the selection and use of accounting data for control and decision-making.
Availability: This course is usually offered fall and spring.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG4401 - Accounting Information Systems

General

Course Description
Prerequisite: ACG 3103 with "C" or better.
Description: This course includes analysis, design, and implementation of transaction processing cycles and the roles they play in the internal control of the organization.
Availability: Usually offered every semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG4651 - Auditing

General

Course Description
Prerequisite: ACG 3113 and ACG 4401 with "C" or better.
Description: This course includes an examination of the external auditor's professional responsibilities and functions in today's international marketplace. This course addresses audit planning, internal control evaluation, substantive testing, and report generation in detail.
Availability: Usually offered every summer.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG4842 - Data Analytics for Accounting

General

Course Description
Prerequisite: ACG 2021 or ACG 3103 AND ACG 2071 or ACG 4361Description:This course builds on accounting fundamentals and introduces data analytics techniques to support decision-making. Topics include data cleaning, regression modeling, interactive dashboards, heat maps, and other visualization methods. Students will apply these tools to solve complex problems and communicate insights in accounting and business contexts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG4901 - Directed Independent Study in Accounting

General

Course Description
Prerequisite: ACG 3103 with "C" or better and a UNF GPA of 3.00 or above
Description: This course involves special studies undertaken independently by students under the supervision of an accounting department faculty member. Each student must have the faculty supervisor and Department Chairperson's approval of a special study prior to enrollment.
Repeatability: This course may be repeated with change of content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

ACG4931 - Special Topics in Accounting

General

Course Description
Prerequisite: ACG 2071 with a "C" or better and permission of the advisor or department chair
Description: This course is a study of special topics not offered in other departmental courses.
Repeatability: This course may be repeated with change of content up to a maximum of 9 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours
Operator:
TO

Number Of Repeats:
2

ACG4941 - Accounting Internship

General

Course Description
Prerequisite: ACG 3103 with "C" or better and a UNF GPA of 3.00 or above.Description: Significant accounting work experience with a cooperating accounting business, governmental, or civic organization is required in this course. Credit depends upon length of internship. Prior approval of advisor and department chair is required. Grading is on a pass/fail basis. See www.unf.edu/coggin for detailed internship guidelines.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours
Operator:
TO

Number Of Repeats:
2

ACG4956 - Study Abroad in Accounting

General

Course Description
Prerequisite: Permission of the instructorDescription: In this course students will study a country's business practices with a particular emphasis on accounting. During this course the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the difference between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work. Repeatability: This course may be repeated up to 9 credits

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours
Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
9

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours
Operator:
TO

Number Of Repeats:
8

ACG6005 - Fundamentals of Financial Accounting

General

Course Description
Description: This course covers the concepts of financial accounting, the basic structure of financial statements, the interpretation of corporate annual reports, as well as the limitations of such reports.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG6305 - Management Accounting

General

Course Description
Prerequisite: FIN 5405 or equivalent with a "C" or better
Description: This course involves a study of the basic cost flows through an organization, the accounting systems that are used to capture the cost data, and the managerial uses of the cost data in routine and non-routine decision-making situations. This course may not be used to satisfy CPA requirements in Florida and should not be taken by MBA students who were undergraduate accounting majors.
Availability: This course is offered every semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG6309 - Advanced Managerial Accounting

General

Course Description
Prerequisite: ACG 4361 with a "C" or better or ACG 6305 with a "C" or betterDescription: This course provides an examination of the development of managerial accounting, and contemporary managerial accounting issues. The emphasis is on the underlying theories and objectives of managerial accounting as it relates to the management decision process. This course is recommended for MBA students who were undergraduate accounting majors. Availability: This course is usually offered in the spring.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG6405 - Advanced Accounting Information Systems

General

Course Description
Prerequisite: ACG 4401 or equivalent with a "C" or betterDescription: This course presents objective user analysis of information systems and their role in providing accounting information for planning, operations control, and managerial/financial control. In this course, emphasis is placed on developing a conceptual framework for applying information technology to the functional areas of business.Availability: This course is usually offered fall and spring.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG6505 - Not-For-Profit Accounting

General

Course Description
Prerequisite: ACG 6305 or equivalent with a grade of "B" or better
Description: This course involves a study of how current methods of accounting for not-for-profit entities evolved, and a critical review of contemporary issues concerning changes to existing not-for-profit accounting methods.
Availability: This course is offered intermittently.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG6645 - Advanced Auditing

General

Course Description
Prerequisite: ACG 4651 or equivalent with a "C" or betterDescription: This course provides an examination of the theoretical framework of auditing with emphasis upon the development and analysis of the philosophy and methodology of auditing. Ethical and legal considerations of auditing will receive special attention. Availability: This course is usually offered fall and spring.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG6805 - Advanced Financial Accounting

General

Course Description
Prerequisite: Undergraduate accounting degree or equivalentDescription: This course involves an examination of contemporary accounting issues with special emphasis upon the underlying theories, controversies, and objectives of asset valuation and income determination. Availability: This course is usually offered fall and spring.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG6835 - Accounting Ethics

General

Course Description
Prerequisite: ACG 3103 or ACG 6305
Description: An examination of the constructs of ethics and ethical decision making by accountants in contemporary business organizations with particular attention to historical cases and contemporary regulatory, economic, political and social influences. The analysis will examine the impact of ethics on both for-profit and nonprofit organizations in the global economy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ACG6838 - Accounting Fraud

General

Course Description
Prerequisite: ACG 3103 with a "C" or better or consent of the instructor
Description: This course involves an examination of the constructs of fraud in contemporary business organizations with particular attention to historical cases and contemporary regulatory, economic, political and social influences. The

analysis will examine the impact of fraud on both for-profit and nonprofit organizations.
Availability: This course is usually offered only in the fall.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ACG6846 - Accounting Data Analytics

General
Course Description
This course introduces the application of advanced data analytics techniques to core areas of accounting. Students will learn about statistical modeling, scenario and sensitivity analysis, predictive analytics, data visualization, and more. The course emphasizes how analytics can support strategic decision-making and improve communication of insights in accounting contexts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ACG6905 - Advanced Studies in Accounting

General
Course Description
Description: This course involves special studies undertaken independently under the supervision of an accounting department faculty member. The student must have the faculty supervisor and department chairperson's approval of special study prior to enrollment.
Repeatability: This course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

ACG6936 - Special Topics in Accounting

General
Course Description
Prerequisite: ACG 6305 with a "C" or better and permission of the advisor and the department chairperson.
Description: This course involves the study of special topics not offered in other departmental courses.
Repeatability: This course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

ACG6957 - Study Abroad in Accounting

General

Course Description
Prerequisite: Graduate standing in the Coggin College of Business and permission of the instructor
Co-requisite: ACG 6305 or equivalent
Description: In this course students will study a country's business practices, with a particular emphasis on accounting. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
2

ADV3008 - Principles of Advertising

General

Course Description
Prerequisite: MMC 1004Description: Theory, principles and functions of advertising; its role in economic, social and marketing structure. Copy and design in newspapers, magazines, radio and television are studied. Projects involving preparation of a simple campaign and its ads.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ADV3101 - Advertising Creative Strategy

General

Course Description
Prerequisites: ADV 3008 and MMC 1004 and MMC 3105
Description: Preparation and production of advertising copy for all media.
Course Fees: $10

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ADV3200C - Advertising Design

General

Course Description
Prerequisite: ADV 3008, MMC 1004, MMC 3105, ADV 3101, and ADV 3203
Description: The problems of designing graphic material to sell products and services. The preparation of roughs and comps and their presentation. The effective use of illustration, typography, and photography. Open to Literature, Communications, and Marketing majors.
Course Fees: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

ADV3203 - Advertising Media Graphics

General

Course Description
Prerequisite: MMC 1004
Description: This course is for people with little or no experience with current photo editing and design software. Students will become acquainted with the basic functions of these programs. Use of type, color, basic design elements and word/ page processing will be covered. Students will gain an understanding of available desktop publishing applications and how to successfully utilize these applications for advertising purposes.
Course Fees: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ADV3300 - Media Planning

General

Course Description
Prerequisite: ADV3008 and MMC1004 and MMC4302 or MMC4422Description: This course will teach students to critically and strategically plan, select and evaluate media for advertising purposes. The principles of media planning and buying will be emphasized. Students will study audience measurement, media research, audience segmentation and marketing strategies. Course Fees: $10

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ADV3812 - Integrated Marketing Communication

General

Course Description
Description: The primary objective of the course is to provide students with the fundamentals of Integrated Marketing Communication (IMC). Students will learn the basic concepts of advertising, public relations, promotion, branding, and direct marketing and apply them to IMC campaigns.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ADV4404 - Strategic Branding

General

Course Description
Prerequisite: ADV3008 or PUR3000
Description: The primary objective of the course is to provide students with a comprehensive analysis of branding, brand equity and strategic brand management. The course will explore the design and implementation of marketing programs to build, measure, and manage brand equity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

ADV4800 - Advertising Campaigns

General

Course Description
Prerequisite: ADV3008 and ADV3101 and MMC1004 and MMC3105 and ADV3203 and MMC4422 or MMC4302 Description: This course is designed to give students an opportunity to plan and execute a full-scale advertising campaign. The students will develop and analyze a specialized advertising plan designed to reach designated target audiences for a specific client. The plan will incorporate all elements necessary to implement an effective campaign. Course Fees: $75

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ADV4930 - Special Topics in Advertising

General

Course Description
Prerequisites: MMC 3105, ADV 3008
This course will explore important issues pertaining to the theory, research, and practice of advertising in a seminar format. Issues will vary from semester to semester. The course may be repeated up to a total of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

ADV5408 - Strategic Branding

General

Course Description
The primary objective of the course is to provide students with a comprehensive analysis of branding, brand equity and strategic brand management. The course will explore the design and implementation of marketing programs to build, measure and manage brand equity. Students will be exposed to tools and strategies designed to create a strategic competitive advantage in the marketplace.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

AFH3100 - Ancient Africa to 1850

General
Course Description
Description: A foreign culture course that emphasizes African social, cultural, and material changes from the archaeological and historical record. The course covers Africa's encounters with old and new religious traditions (including Christianity and Islam), the rise of major kingdoms (Ghana, Mali, and Kongo), and the global significance of how slavery affected African societies and the African diaspora via the trans-Saharan, Indian Ocean, and trans-Atlantic Slave Trades.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AFH3252 - War, Genocide, and HIV in Mod. Africa

General
Course Description
Description: Africa's post-colonial history is designed to introduce and further develop student interest and knowledge about current problems that many Sub-Saharan African countries face. We will use several important case studies from a variety of African nations to talk about four broad, but pressing problems: aid and development; HIV/AIDS and malaria; genocide; and child labor/child soldiers.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AFH3301 - Ancient Egypt

General
Course Description
Description: This course will explore the history, culture, and society of ancient Egypt, from the time of the earliest settlers in the Nile valley to the incorporation of Egypt into the Roman Empire. It will use readings from ancient Egyptian texts, along with examination of the archaeological remains of Egyptian civilization, to reconstruct the world of the ancient Egyptians.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AFH3450 - (FC) South Africa

General
Course Description
This class investigates the origins and development of South Africa from the colonial period in the seventeenth century to the present. The course examines the complex interactions between the myriad groups during different eras of South African history. The class also compares and contrasts the history of race relations in South Africa and the United States.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AFH6935 - Readings in African History

General
Course Description
This course is a reading seminar that exposes students to important historiographic debates within the field of African History. The readings include monographs that touch on critical topics, such as: slavery and the slave trade, cultural history, gender, medicine, development, and the colonial encounter.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AFS3262 - African Diaspora Studies

General
Course Description
Description: The African diaspora refers to communities of people descended from Africans who moved or were removed from Africa to other parts of the world, primarily the Americas, Europe, Asia, and the Middle East. This course will introduce students to the concept of the African diaspora from an interdisciplinary perspective and involve students in community based learning regarding the African diaspora as it manifests locally. No pre- or co-requisites are required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH2000 - United States History Survey

General
Course Description
This is a one semester course examining significant events and themes of the American past, and the men, women, institutions, ideas and forces that have shaped that past into our contemporary civilization.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH2010 - United States History to 1877

General
Course Description
This course emphasizes the European background, causes and consequences of the Revolution, growth of democracy, westward expansion, causes and consequences of the Civil War and Reconstruction.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH2020 - United States History since 1877

General
Course Description
In this course, students will trace the history of the United States from the end of the Reconstruction Era to the contemporary era. Topics will include but are not limited to the rise of industrialization, the United States' emergence as an actor on the world stage, constitutional amendments and their impact, the Progressive Era, World War I, the Great Depression and New Deal, World War II, the Civil Rights era, the Cold War, and the United States since 1989.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3111 - Early America

General
Course Description
The European background of colonization and the evolution of social, political, economic and religious institutions in the colonies to 1763; the development of slavery; white-Indian interactions and their environmental consequences.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3130 - American Revolution/Constitution

General
Course Description
An examination of the economic, political and social causes and consequences of the American Revolution; the impact of international events on the course of the revolution; and the origins of the Constitution.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3150 - An Emerging United States, 1789-1850

General
Course Description
This course is a chronological and thematic examination of the United States, its peoples, and its emergence as a nation from the late eighteenth century through the mid nineteenth century. Topics include the making of a new nation state; contests over American identity, nationalism, and citizenship; geographic expansion; international conflict and diplomacy; Native Americans' dispossession

and relationships with the U.S.; transformations in race-based slavery; the evolution of free and enslaved Black communities and identities; religious awakenings; reform movements; industrial, market, and transportation revolutions; and debates over the roles and status of women.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3170 - Civil War/Reconstruction

General
Course Description
Examines the economic, political, social and moral origins of the war; the course of the conflict; and the meaning and impact of Reconstruction.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3202 - The United States Since World War I

General
Course Description
Examines the social, political, economic, technological and cultural forces and events that have shaped American history since World War I.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3223 - Reassembling the United States, 1877-1919

General
Course Description
This course is a chronological and thematic examination of the United States and its peoples from the end of Reconstruction through the end of World War I. Topics include the rise of big business; labor and agrarian unrest; urbanization; political corruption and reform; new patterns of immigration; changing notions of gender and sex; women's civic culture; citizenship and belonging; Native Americans, allotment, and boarding schools; Jim Crow violence and segregation; and foreign policy and imperialism.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3231 - The U.S. in Prosperity, Depression, and War, 1919-1945

General

Course Description
This course is a chronological and thematic examination of the United States and its peoples from the end of World War I through the end of World War II. Topics include consumerism and society; the emergence of new cultural and political identities; the relationship between business and government; debates over civil liberties and citizenship; clashes between modernists and traditionalists; the causes and consequences of the Great Depression; the New Deal; and the U.S.'s role in World War II.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3271 - Post-WW II United States, 1945-1968

General

Course Description
This course provides a chronological and thematic examination of the United States and its peoples from the end of World War II in 1945 through the late 1960s, with special emphasis on society, culture, and politics. Topics include the origins and escalation of the Cold War; suburbanization and the rise of the Sunbelt; consumer culture; civil rights revolutions and sociopolitical movements; new definitions of citizenship; shifting partisan alignments; and the U.S.'s role in global conflicts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3274 - U.S. Since 1968

General

Course Description
This course is a chronological and thematic examination of the United States and its peoples from the late 1960s to the early twenty-first century, with attention to the challenges of studying the recent past and how the practices and skills of historians unlock insights into our current historical moment. Topics include politics and partisanship; sociopolitical movements; the role of mass media; contested visions of U.S. society, culture, and citizenship; foreign affairs; globalization; and the emergence of modern technology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3312 - Gender and Women in the United States

General

Course Description
This course is a chronological and thematic examination from the seventeenth century to the present United States that centers women's perspectives and an analysis of gender. Topics include understandings of gender roles and identities across time, culture, and place; variations in women's lives; the status of men and women; and challenges to the status quo.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3402 - The American South Through the 19th Century

General

Course Description
Chronological and thematic examination of the American South and its peoples from the fifteenth century through the end of the nineteenth century, with attention to the formation of multiple Southern identities. Topics include the Native South; the rise and expansion of race-based slavery; regional economic development; Southern religious cultures; antebellum social organization; sectionalism, secession, and the American Civil War; Emancipation and Reconstruction; the origins of Jim Crow; and the South in American popular culture and memory.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3403 - The American South from the 20th Century

General

Course Description
Chronological and thematic examination of the American South and its peoples from the early twentieth century through the twenty-first century, with attention to the existence of multiple Southern identities. Topics include the age of Jim Crow; economic changes and challenges; political reform; migration; social movements; agricultural transformations; the civil rights revolution; the rise of the Sunbelt; Southern literary, musical, and religious cultures; and the South's relationship to the nation and the world.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3420 - Florida History

General

Course Description
History of Florida from its colonial origins to the present. Economic, social, and political developments in Florida will be compared to other states in the region and in the nation. Case studies of topics in Florida history will focus on Jacksonville and other cities and regions in the state.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3460 - American Cities and Suburbs

General

Course Description
This course examines urban growth from colonial towns and cities to 20th century metropolitan centers. It also focuses on city builders, party bosses and reformers, immigrants and black migrants, slums and suburbs, and popular culture to offer a historical perspective on contemporary American society.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3511 - The United States in World Affairs

General
Course Description
A thematic analysis of U.S. foreign policy from independence to the present. Concepts like self-defense, economic expansion, international policeman and moral crusading are examined in connection with major events.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3530 - Immigration, the United States, and the World

General
Course Description
This course explores the history of immigration to the United States and how it shaped American history. Topics include issues of assimilation and difference as they pertained to immigrant/ethnic communities in the United States; the role of first, second, and third generation immigrants in the production and consumption of American popular culture; U. S. migration politics and how they shaped and were shaped by domestic and international events; “transnational” approaches that focus on the dynamics of “sending” and “host” societies, return migrations, and the resilience and adaptability of migrant cultures; regimes of immigration surveillance and control; and the intersections of U. S. refugee policy and America’s geopolitical interests.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3544 - The 1960s and Vietnam

General
Course Description
An examination of the key political, economic, and cultural developments in the U.S. during the 1960s, with special reference to the Kennedy and Johnson administrations; and analysis of the Second Indochina War from Vietnamese and American perspectives.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3571 - Introduction to African-American History

General

Course Description
The African-American experience from the colonial period to the Civil War era, from slavery to freedom. Key themes include the evolution of the African-American family and community, and the emancipation and civil rights movements before the 20th century.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3580 - American Indian History

General

Course Description
This course examines North American Indian history from the pre-colonial period through the late twentieth century. We focus on understanding how different American Indian nations resisted and responded to the challenges (and opportunities) presented by European colonization, westward expansion, and U.S. federal and state policies. The course studies the diversity of American Indian societies and their experiences, and the historical roots of key issues in American Indian communities today.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3630 - Environmental History of the United States

General

Course Description
Description: Focusing on the United States, this course explores the relationship between humans and Nature over time. In particular, we will consider the way that humans have changed Nature, how Nature has changed human lives, and the laws and institutions that have moderated such interactions. Scholars in this field are concerned with such things as deforestation, pollution, climate change, cities, farming, and “green” politics among other things. This is a course on human history, not natural history. As a relatively new field, environmental history allows us to pose important and/or well-worn historical questions in new ways, or to ask new questions about old historical topics. This will be a lecture based class, although we will draw upon discussions, films, and field trips. Students' learning will be assessed through quizzes, essays, a midterm, and a final.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH3673 - The Civil Rights Movement

General

Course Description
The history of the Civil Rights Movement in the late twentieth century in the United States is the focus of this course. In addition, the role of the media and the way in which various aspects of popular culture have promoted and depicted the struggle for racial equality in America will be examined. Consequently, in addition to standard history text, the students will read and analyze literary works, films and music to gain insight into the social, political and cultural impact of the Civil Rights Movement.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH3932 - Selected Topics: US History

General
Course Description
This course will present selected topics in US history. Subjects will vary according to instructor. The course may be repeated up to five times for a total of 15 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

AMH4291 - Seminar: 20th Century America

General
Course Description
Prerequisite: HIS 3051 or permission of instructor. An investigation of topics, eras, or themes in U.S. history in the 20th century. Topics, eras or themes may vary. May be repeated for 6 credits with consent of the instructor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

AMH4390 - Seminar: 19th Century U.S.

General
Course Description
Prerequisites: HIS 3051 or permission of the instructor.
This seminar will investigate topics, eras, or themes in U.S. history in the 19th century. Topics, eras, or themes may vary.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

AMH4491 - Seminar: Local History

General
Course Description
Prerequisite: HIS 3051 or permission of instructor. A research and writing workshop intended for any upper-level student seriously interested in local history. Although the focus of the seminar is the Northeast Florida region, the techniques learned should be equally applicable to any locality in the U.S.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH4497 - Seminar: History of the American City

General

Course Description
Prerequisite: HIS 3051or permission of instructor. Urban America since World War II; federal-city relations, suburbanization and sprawl, urban minorities, urban culture, downtown revitalization, and the rise of the Sunbelt. Special attention will be given to Jacksonville.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH4584 - Native Southerners

General

Course Description
Prerequisite: HIS3051
Description: This seminar examines key themes in the history of Native Americans who lived in the Southeastern United States from the late Mississippian period (1500s) through the Removal era (1830s) and into the present. We pay particular attention to the South as Native-controlled space and to Native strategies of survival and innovation in the face of enslavement, war, epidemics, migration, and forced removal from their homelands. Students will be trained in reading primary sources through Indigenous lenses.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH4906 - Directed Individual Study

General

Course Description
Prerequisite: Written consent of the instructor. May be repeated for 6 credits with consent of chairperson.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

AMH5515 - U.S. in World Affairs

General

Course Description
A thematic analysis of U.S. foreign policy from independence to the present. Concepts like self defense, economic expansion, international policeman and moral crusading are examined in connection with major events.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH5587 - Native Southerners

General
Course Description
Description: This seminar examines key themes in the history of Native Americans who lived in the Southeastern United States from the late Mississippian period (1500s) through the Removal era (1830s) and into the present. We pay particular attention to the South as Native-controlled space and to Native strategies of survival and innovation in the face of enslavement, war, epidemics, migration, and forced removal from their homelands. Students will be trained in reading primary sources through Indigenous lenses.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH5934 - Selected Topics: US History

General
Course Description
This course will present selected topics in US history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

AMH6429 - Early Florida

General
Course Description
Description: This graduate research seminar examines the history of early Florida, from sixteenth-century encounters between Indians and Spanish conquistadores to the Seminole Wars. Key topics include Florida as an American Indian country, a magnet for runaway slaves, pivotal borderlands in imperial and regional contestations, and a lasting frontier in the United States. Special emphasis is placed on local history and the use of digital and local archives. No Spanish language skills are needed for this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AMH6905 - Readings in American History I

General

Course Description
This course is designed to introduce students to major thematic issues in American history up to 1865. The course is organized chronologically, and serves to extend the students' grasp of factual material as well as to highlight key historiographical issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH6907 - Readings in American History II

General

Course Description
This course is designed to introduce students to major thematic issues in American history after 1865. The course is organized chronologically, and serves to extend the students' grasp of factual material as well as to highlight key historiographical issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AMH6935 - Directed Reading in American History

General

Course Description
Directed reading in American history for graduate students. Topics, eras, or themes will vary. May be repeated for up to 9 credits under different topics with permission of the graduate advisor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
2

AMH6936 - Seminar in American History

General

Course Description
Graduate research seminar in American history. Topics, eras, or themes will vary. May be repeated for up to 15 credits under different topics with permission of the graduate advisor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
4

AML2010 - American Literature I

General

Course Description
Description: This course surveys major American literature from the Colonial period to the US Civil War.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AML2020 - American Literature II

General

Course Description
Description: This course surveys major American literature from the US Civil War to the present.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AML3102 - American Fiction

General

Course Description
Description: The nature and development of American fiction in works by such authors as Charles Brockden Brown, Edgar Allan Poe, Herman Melville, Mark Twain, Kate Chopin, Stephen Crane, Charles Chesnutt, F. Scott Fitzgerald, Ernest Hemingway, William Faulkner, Richard Wright, John Steinbeck, John Gardner, Ronald Sukenick and Joyce Carol Oates.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AML3154 - American Poetry

General

Course Description
Description: American poetry from the colonial period to the present, with variable emphasis. See department office for reading list.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AML3621 - (GW) Black American Literature

General

Course Description
Poetry, drama, prose, and fiction as significant dimensions of American culture. Studies may include slave narratives, Douglas, Dunbar, Cullen, Brooks, Hughes, McKay, Wright, Ellison, Baldwin, Jones and Reed. Gordon Rule English credit.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AML4242 - Studies in 20th Century American Literature

General
Course Description
Prerequisite: At least one literature course at the 3000 level or permission of instructor. Readings in 20th century American literary texts. Focus will differ with each offering. See department office for reading list.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

AML6506 - Studies in Early American Literature

General

Course Description
Description: This course covers selected themes and topics in American Literature before 1864.
Repeatability: This course may be repeated up to 15 credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

AML6507 - Studies in Later American Literature

General
Course Description
Description: This course will cover selected themes and topics in American literature after 1864.
Repeatability: This course may be repeated up to 15 credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

ANG5472 - Globalization and Development

General

Course Description
Description: This course examines globalization — the increased movement of people, ideas, and things -- from a cross-cultural perspective. It provides students with a detailed analysis of specific people's experiences with increased mobility, connectivity, and displacement. Development (defined here as discourses and practices pertaining to "progress," "economic growth" and "quality of life") is presented here as one major articulation of globalization. While development may often introduce greater socio-economic inequalities, students will be introduced to critical perspectives and constructive frameworks to conceptualize more equitable, participatory and sustainable forms of development. Case studies will be key to the evaluation and comparison of competing theoretical paradigms.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ANG5930 - Advanced Topics in Anthropology

General
Course Description
Description: This course will explore current topics of importance in Anthropology. Topics will vary according to the areas of expertise of the instructor. Repeatability: May be repeated to a maximum of 6 credit hours under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

ANT2000 - (CD) Introduction to Anthropology

General
Course Description
In this course, students will learn the foundations of anthropology as the study of human variation in its biological, social, and cultural dimensions. Students will learn about anthropological concepts, principles, and methodologies to understand and explore past and present human behavior. They will apply the anthropological approach to analyze issues pertaining to past and contemporary cultures, and develop intellectual skills and habits to understand behavioral, social, and cultural issues from multiple disciplinary perspectives.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ANT2140 - Great Discoveries in World Archaeology

General
Course Description
Great Discoveries in World Archaeology is a survey of some of the most impactful discoveries in archaeology covering the entire span of human history across the globe. We will explore fascinating ancient tombs, hidden temples, and archaeological mysteries to better understand the diversity of people who made them. We will cover the history of the discipline as a field of anthropology and archaeological studies of pivotal changes in human history, including the origins of agriculture, writing, religion, and urbanization. We will survey how archaeologists reveal evidence of past people and will counter some fantastical and false interpretations generated by racist writings and the media. Emphasis will be placed on the critical evaluation of pseudoscientific claims and understanding the achievements of ancient peoples. Students will gain knowledge of basic approaches to study the human past and why they are important for the present and future.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT2423 - Kinship and the Family

General

Course Description
This course introduces students to the study of kinship and gender in an anthropological perspective. Topics covered include, but are not restricted to, gender distinctions, body images, descent, inheritance, courtship, love, marriage, family forms, kin networks, and new reproductive technologies. Students will be presented with detailed case studies both within and outside the Euro-American tradition.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT2930 - Special Topics in Anthropology

General

Course Description
Examination of topics of current importance in anthropology. Topics may vary. May be repeated for 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

ANT3101 - Fundamentals of Archaeology

General

Course Description
Archaeology is one of the four fundamental sub-fields of Anthropology in the United States. This course covers the fundamental analytical methods that have been and are currently employed by archaeologists to reconstruct past life ways, cultures, and societies. In particular, this course will explore the material culture studies and other evidence used by archaeologists. Topics of inquiry include excavation procedures, sites survey, dating techniques, site formation processes, paleo-environmental reconstruction, artifact analysis, and key laboratory techniques. Additionally, the course will cover the history of archaeological legislation and regulations that apply to public archaeology, ethical principles of archaeological practice, and the basics of curation and museumology. Finally throughout the semester, we will explore the importance and relevance of archaeology to the modern world.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT3212 - (FC) Peoples and Cultures of the World

General

Course Description
This course uses a comparative approach to investigative common bonds of culture and the ways in which Homo sapiens elaborate cultural differences. This course uses cross-cultural evidence to investigate some of the fundamental cultural building blocks of kinship, subsistence technology, and political behavior.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ANT3243 - (FC) Comparative Muslim Cultures

General
Course Description
This course concerns popular or local "Islams" throughout the world. This course will take an anthropological perspective and will use Muslim examples to explore the theoretical and methodological issues involved in the study of religion. We will also employ a variety of approaches to the study of religion to help the student understand a variety of social and cultural phenomena including religious education, the construction of gender identities, revitalization movements, fundamentalism, and religion and politics. The anthropological approach to Islam is clearly distinct from a theological or philological one. In other words, we will concentrate more on the culture and practice of contemporary Muslims than on Islam's sacred texts. We are particularly interested in the cross-currents that are found in otherwise diverse societies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ANT3312 - (FC) North American Indians

General
Course Description
This course examines selected Indian groups from a holistic perspective and compares different cultural complexes. Particular attention will be given to religion, world view, kinship, politics and economic subsistence patterns. A study of aboriginal Indian cultures will be used as a basis for comparison with current American cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ANT3321 - Peoples & Cultures of Mexico

General
Course Description
This course introduces students to some of the peoples and cultures of Mexico (past and present). Through in-depth case studies and ethnographic readings, students will become familiar with some of the issues shaping identity, indigeneity and cultural struggles in Mexico. Most importantly, they will learn that there are “many Mexicos” that are regionally and ethnically defined. The course is organized both geographically and temporally. We will begin with a discussion of pre-contact Mexico and work toward contemporary issues in Mexico, maintaining focus on the socio-political history of colonialism. The course will be taught primarily from a cultural anthropological perspective, but will also incorporate approaches from linguistic anthropology, archaeology, history, music, food studies, film, visual studies, and literature. Students will be encouraged to incorporate their own interests as they investigate the topics of most interest to them.

Credit Hours
Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
1

ANT3355 - The African Diaspora

General

Course Description
This course offers an overview of anthropological perspectives on the history and contemporary dynamics of the peoples and cultures of the African Diaspora. We will explore the sociocultural, political, and economic experiences of Africans "outside Africa" within the broader context of a changing global order in which diverse socially negotiated forms of identity are lived and expressed in culturally specific ways. Topics include but are not limited to identity, politics, economics, religion, resistance and revolution, music, art, and dance. Students will be exposed to a wide range of interdisciplinary literature and research designed to foster an appreciation for the diversity of the African Diaspora.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

ANT3414 - Principles of Socio Cultural Anthropology

General

Course Description
Description: This course introduces students to the study of sociocultural anthropology, one of the subfields of general anthropology. It presents students with the interpretive frameworks and concepts needed to understand the impact of groups and their cultures upon the individual. This course aims to show the ways in which local and global cultural processes intersect and questions understandings of culture as homogeneous and discrete. This course also gives examples of some of the ways in which anthropology can be used to address some of humanity's problems such as racism, sexism, growing economic inequality, development, globalization, displacement, and environmental troubles. Finally, this course aims to present anthropology as a discipline that by embracing a bottom-up perspective contributes to enhance self-understanding and dialogue across culturally and socially diverse publics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT3462 - Health, Illness and Culture

General

Course Description
Description: This course introduces students to medical anthropological perspectives that are useful in understanding the implications of social and cultural diversity as they relate to health and healing. This course addresses a variety of challenging issues related to the application of medical anthropological theories and methods. As the world becomes increasingly composite, cross-cultural perspectives are critical to understanding the complexities of human diversity in the contemporary world. This course offers tools for studying phenomena affecting human health and healing

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT3514 - Principles of Physical Anthropology

General

Course Description
Physical Anthropology is the study of humans as biological beings in a cultural setting. This class introduces students to the key concepts, fossil discoveries, and underlying theories that define the field. The course looks at Homo sapiens from our biological variation to our evolutionary development. Topics include: Primates - Evolution and Behavior, Paleoanthropology and Hominid Evidence, Human Osteology and Forensic Anthropology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT3610 - Linguistic Anthropology

General

Course Description
This course uses the concepts and techniques of modern linguistics to analyze and describe the phonology, morphology, syntax, and semantics of human languages. The course focuses on languages other than English. Further issues of language in its social and cultural context are explored in the course Language, Culture, and Society.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT3933 - Seminar in Anthropology

General

Course Description
This course will prepare anthropology students for advanced coursework in the anthropological discipline. The course provides an opportunity for students to reflect upon the nature of anthropological inquiry and the variety of data anthropologists use to aid in that inquiry. Students will develop an understanding of the multitude of methodologies and techniques employed by anthropologists and how anthropological theories and models articulate with research questions. They will also be exposed to examples of applications of anthropology to concrete social problems. The course will help anthropology majors develop these skills and dispositions necessary to succeed as anthropology majors and to begin planning their future careers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4020 - Humans, Animals, and Culture

General

Course Description
This course will explore interactions between humans and animals by using an anthropological perspective to zoology known as anthrozoology. We will examine the human-animal bond through social, economic and ideological systems of cultures around the world. Surveys of case studies will include research from cultural anthropology and archaeology, as well as insights from ecology, the humanities, and sociology. Together, this interdisciplinary survey will form a holistic view of the myriad ways in which humans and animals influenced each other's lives in the past and will continue to do so in the future. Ultimately, students will critically evaluate animal rights and conservation efforts and work to understand how cultural systems of social inequality and globalization influence modern environmental issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4025 - The Anthropology of Death

General

Course Description
This course explores the anthropological perspective on the cultural, social, and biological nature of human death. Examples of topics that will be cover include: biological definitions of death, decomposition as it relates to funeral practices, global patterns of mortuary rituals and funerary behavior, the cultural construction of death, the effects of death on the social fabric, and cultural and social facets of mourning and bereavement. Throughout the course, students will examine the variety of social and cultural responses to the biological fact of death. In doing so, they will be exposed to the Anthropological literature that seeks to explain or interpret the tremendous variety of human behavior surrounding death and dying. The course will be cross-cultural, holistic, and bio-cultural in its outlook and will require students to make conceptual connections between theoretical literature and empirical observations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4034 - Theories and Issues in Cultural Anthropology

General

Course Description
The course will introduce students to contemporary theories and issues in cultural anthropology. The instructor of record will select the specific range of issues and topics the course will focus on. Students will develop the critical and analytical skills needed to approach the study of contemporary social and cultural issues in an anthropological perspective.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4083 - Quantitative Methods in Anthropology

General

Course Description
This course is structured to provide students with the analytic background necessary to conduct and evaluate quantitative research in anthropology. The major foci for the class will be on: unit construction and data collection protocols; the statistical tools necessary to conduct analysis of data sets; the design of scientifically valid research projects; and the graphical display of quantitative data. Examples from all four fields of anthropology will be presented in order to provide a broad empirical perspective. Additionally, this course will cover issues relating to research design, sampling, and institutional review board policy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4115 - Archaeological Research Strategies

General

Course Description
This course is an intensive survey of archaeological theory and research methods. It is intended for students interested in anthropology and the practice of archaeology. The course is designed as a seminar emphasizing discussions of weekly readings and student papers. This is not a hands-on lab or fieldwork course, but rather, we focus on the theoretical underpinnings of archaeology and the scientific method.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4158 - Florida Archaeology

General

Course Description
Description: Through archaeology, this course traces the development and diversification of Florida's rich Native American cultural heritage over the past 14,000 years. It covers the lengthy time span from the initial colonization of Florida by paleoindians through the various hunting-gathering and farming cultures of the state to the arrival of European explorers and colonists in the sixteenth century. Students discover the cultures, interactions and social relations, technologies, arts, and significant contributions of Native peoples throughout precolumbian Florida.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4180 - Archaeological Lab Methods

General

Course Description
Description: This course introduces students to the concepts and techniques of archaeological laboratory methods. Through this course, students gain hands-on experience and learn how to properly catalogue and analyze a range of archaeological materials, including stone, bone, shell, and ceramics. The course stresses qualitative and quantitative methods and the integration among laboratory analysis, fieldwork, research design, and archaeological interpretation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4241 - Anthropology of Religion

General

Course Description
The cultural conceptions of supernatural reality with an emphasis upon comparative understanding of myth and ritual, the religious experiences and revitalization movements.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4274 - Political Anthropology

General

Course Description
This course introduces students to the ways social groups enact, resist, and transform power relations in various times and places. Subjects explored in this class will include classic anthropological analyses of small-scale societies, the formation of the modern nation-state, civil society organizations, post-colonial forms of resistance, identity politics, political economy; power; race and racism; and political movements. The field equally seeks to understand the similarities and differences between indigenous, non-western and non-modern polities, and modern states. While the course address topics covered by other disciplines, we will take an anthropological perspective.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4352 - (FC) Peoples and Cultures of Africa

General

Course Description
This course is a survey of selected peoples and cultures of Africa. Topics covered include a reflection on cultural images of Africa in the West, basic information about the geography and history of Africa, and the study of specific African socio-cultural institutions such as political economy, religion, kinship, gender, art, and aesthetics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4413 - Gender Anthropology

General

Course Description
This class investigates gender using holistic and cross-cultural perspectives. It looks at gender not as a static and immutable construct but as a set of beliefs, values, and social practices which are articulated and renegotiated within specific cultural and historical contexts. The class will explore contemporary debates in gender anthropology, including relationships among gender, sex, and sexuality; how gender articulates with other social distinctions such as race/ethnicity, class, and nationality; the politics of gender; and gender-based activism. By taking this class, students will gain a better understanding of how gender is constructed, how it affects people's everyday lives, and views of the world around them.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ANT4444 - Cities and Globalization

General

Course Description
This class introduces students to the study of urban life and the effects of globalization upon it in a variety of political and historical contexts. It focuses on cities and tumultuous sites in which new political, economic, and social identities are forged. Topics include but are not limited to global cities, transnational labor, diasporic communities, immigration citizenship, and cosmopolitanism. Students will be exposed and familiarize themselves with some of the qualitative research techniques used in urban anthropology such as participant observation, formal and informal interviews, the collection of life histories , and textual analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ANT4497 - Ethnographic Methods

General
Course Description
This course is designed to introduce students in cross-cultural qualitative research. Students will gain the skills to critically evaluate and to conduct qualitative research. They will learn how to carry out research on their own and in a group setting. Students will gain an understanding of the relationship between data collection and theory. They will learn how to select an object of anthropological enquiry, which methodology to use, how to address ethical issues in field research, and the basics of research design and data analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ANT4620 - Language, Culture, and Society

General
Course Description
Prerequisites: LIN 3010 or equivalent, or permission of instructor.
This course uses the concepts and techniques of contemporary linguistics to analyze, describe, and explain the relationships between language, culture and society.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ANT4821 - Archaeological Field Methods

General
Course Description
Description: This course is a summer archaeological field school. This 6-week field practicum offers an extraordinary opportunity to gain hands-on experience in archaeological fieldwork. Its objectives are to allow students to develop a better understanding of how archaeology is practiced and to explore how people in the past lived and interacted with their natural and cultural worlds. Students will learn basic field techniques, including survey shovel testing, unit and block excavation, mapping, record keeping, and the use of survey/mapping equipment.Repeatability: This course is repeatable up to a total of nine credits.

Credit Hours
Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
2

ANT4905 - Directed Independent Study in Anthropology

General

Course Description
Description: Students pursue under faculty supervision a research topic of the student's own choice. Repeatability: May be repeated for a maximum of 12 hours under different topics.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
11

ANT4931 - Selected Topics in Cultural Anthropology

General

Course Description
Description: Study of relevant issues in cultural anthropology.
Repeatability: May be repeated for 12 credits under different topics.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
3

ANT4940 - Internship in Anthropology

General

Course Description
An Internship in Anthropology is a learning opportunity in a supervised work setting, that allows interns to apply the concepts and practices they learned in the classroom in concrete socio-cultural settings. The intern will conduct internship work in an approved community organization, business, or community outreach activities and engage in an anthropology-informed reflection on the experience. This opportunity reflects in the Anthropology program's effort to offer students opportunities to transition between school and work, further develop their analytical and critical skills, acquire valuable professional and social skills, and work for the good of the community. The successful completion of the internship will require relevant readings, journaling, employer's evaluation, and a final report graded by the instructor of record.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

ANT4970 - Honors Thesis in Anthropology

General

Course Description
Prerequisite: Acceptance to the Honors in the Major in Anthropology and permission of instructor.This course provides Anthropology Honors students with the opportunity to work with one or more Anthropology faculty on an advanced thesis/research project. This course leads to completing an Honors Thesis and fulfills part of the requirements for graduating with the designation of Honors in Anthropology. Course can be repeated once up to a maximum of 6 credit hours.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

APK3091 - Leadership and Professionalism in Kinesiology

General

Course Description
This course introduces the leadership skills and professional standards needed to be successful in Kinesiology-related professions. Emphasis will be placed on understanding the expectations and responsibilities professionals embrace within various areas of Kinesiology, including health care, coaching, research, and program administration. This course also provides complete coverage of core skills related to professionalism in the Kinesiology field (e.g., work ethic, teamwork, cultural competence, and etiquette).

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

APK3115C - Practical Skills in Strength and Conditioning

General

Course Description
Prerequisites: HSC 4612, PET 3312C, PET 3325, PET 3768C
Co-requisite:PEP 4135
This course is designed to provide students with practical instruction in strength and conditioning activities that will assist clients in reaching their athletic goals. Activities will address the athletic components of strength, power, speed, agility, and endurance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

APK4101 - Skeletal Muscle Structure and Function

General

Course Description
This course is a study of skeletal muscle structure and function. Topic areas to be covered will include the following: Skeletal Muscle Hypertrophy, Skeletal Muscle Damage and Repair, Skeletal Muscle Plasticity, Age-Related Changes in Skeletal Muscle, and Important Skeletal Muscle Structural Proteins.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

APK4120C - Clinical Exercise Physiology

General
Course Description
Prerequisites: HSC 4612, HSC 4615L, PET 3080
This course involves the study of how exercise is utilized as an intervention in the prevention and treatment of chronic disease. The physiology of medications typically prescribed in chronic disease will be addressed as well as their exercise interactions. The knowledge, skills, and abilities (KSAS) that help prepare students for American College Sports Medicine (ACSM) certification as an exercise specialist will be introduced.
Course fees: $12.00

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

APK4125 - Exercise Prescription

General
Course Description
Description: This course will prepare students to develop individualized exercise prescriptions based on a clients health status and goals.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

APK4165 - Bioenergetics

General
Course Description
Description: This course provides an overview of how the body takes in energy, digests, absorbs, and metabolizes nutrients, and the possible roles of sports supplements in these processes. Emphasis will be placed on energy systems of the body, fluid balance, gastrointestinal tract, ergogenic aids, and energy balance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

APK4405 - Exercise Psychology

General

Course Description
This course will cover the antecedents and consequences of exercise participation by exploring various psychosocial factors that influence activity participation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

APK4912 - Directed Independent Study - Honors in Kinesiology Research

General

Course Description
Description: Study of special topics under the guidance of faculty members. This is the first course for students who wish to conduct independent research in Kinesiology with a faculty member. This course must be completed before the student writes an Honor Thesis. This course may be completed with a minimum of three credits.
Repeatability: May be repeated with change of content up to a total of six credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

APK4941 - Exercise Physiology Practice

General

Course Description
Description: This capstone course has been designed to integrate the information students have learned throughout the Exercise Science curriculum and focus on the application of this information in becoming a health care professional.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

APK4971 - Directed Independent Study - Honors in Kinesiology Thesis

General

Course Description
Prerequisite: APK 4912
Description: A directed research and thesis writing experience in which the student works with a faculty mentor to produce a thesis. The thesis will be evaluated by both the mentoring faculty member and two other faculty members. This is the second course for students who wish to conduct independent research in Kinesiology with a faculty mentor. This course leads to completing Honors in Kinesiology. This course may be completed with a minimum of three credits.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
12

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
3

Billing Hours Max:
12

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
12

Other Hours Operator:
TO

Number Of Repeats:
3

APK5332 - Pharmacology for Chronic Diseases

General

Course Description
Description: This course will present current knowledge related to the pharmacokinetics and pharmacodynamics of common drugs related to chronic disease patient management. This course will focus on pharmacotherapy for today's most prevalent chronic conditions. Additionally, the course will explore the influence of exercise and physical activity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

APK6056 - Special Topics in Kinesiology and Lifestyle Medicine

General

Course Description
Prerequisite: APK6116C
Description: This course provides topics of special interest in physical activity epidemiology, which may vary each time the course is offered. Course content may be exercise science, advanced epidemiological methods in physical activity research, or a combination of both. The special interest topic, when offered, will be stated in the schedule booklet. The course is fixed in credit hours and may be repeated once with different content.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

APK6057 - Research in Kinesiology and Lifestyle Medicine

General

Course Description
Prerequisite: APK6116C
Description: This course will teach students how to develop a scientific question, conduct an literature review, choose a study design, manage and analyze data, and write scientific abstracts and manuscripts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

APK6107C - Cardiovascular Exercise Physiology and ECG

General

Course Description
Prerequisite: APK 6116C
Description: This course will examine healthy and pathological cardiovascular physiology. This course will cover advanced diagnostic and exercise testing techniques including 12-lead electrocardiography interpretation. Assessment, primary, secondary and tertiary care options for cardiovascular health will also be covered.
Course Fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

APK6111C - Medical Exercise Physiology

General

Course Description
Prerequisite: APK 6116C
Description: This course involves the study of how exercise and physical activity are utilized in medical and rehabilitative environments for the prevention and treatment of chronic diseases. The mechanisms of medications typically prescribed for a plethora of chronic diseases will be addressed as well as their exercise interactions. The knowledge and skills (KS's) that help prepare students for the American College of Sports Medicine (ACSM) certification as a Clinical Exercise Physiologist will be covered.
Course Fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

APK6116C - Exercise Physiology and Laboratory Techniques

General

Course Description
Description: This course will present rudimentary and intermediate physiological processes in the field of exercise physiology. The course will focus on cardiorespiratory fitness, energy balance, body composition, metabolism, and muscle physiology. The laboratory experiences will focus on metabolic testing (VO2, resting metabolic rate, lactate, thermoregulation), contrasting various body composition methodology, and exercise prescription.
Course fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

APK6127C - Human Physiological Assessment

General

Course Description
Prerequisite: APK 6116C
Description: This course will cover advanced concepts of the physiological assessment of human fitness, validated laboratory methods and field tests for assessing human fitness and performance. Physiological components examined will be aerobic and anaerobic power, heart rate variability, and lactate and ventilator

markers. Fitness components covered will include muscle power and strength, flexibility, and a range of field test. Two hours per week will be lecture and one hour per week will be laboratory activities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

APK6135 - Periodization

General
Course Description
Prerequisite: APK 6116C
Description: The course will cover sequential training theories necessary for developing an athlete including the basis for training, principles of training, training preparation, variables of training, and rest and recovery methodologies. This course will enable students to conceptualize and develop an annual training plan for a multitude of athletes, which includes workout planning, training cycles and contest peaking. The student will also gain knowledge in the areas of sport specific skills including strength development, endurance training, and speed and agility training.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

APK6176 - Advanced Concepts in Strength Training

General
Course Description
Prerequisite: APK 6116C
Description: This course will cover advanced concepts of strength training in both athletes and special populations. Areas addressed include basic training and adaptations principles as well as advanced strength concepts with regard to athlete specific strength. Training intensities, timing, and goal specific strength training will be covered in detail.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

APK6235C - Physical Activity Measurement in Research and Medicine

General
Course Description
Prerequisite: APK 6116C
Description: This course provides students with a comprehensive overview of physical activity measurement using objective physical activity monitors, surveys and questionnaires, and direct observation. Proper use, limitations, validity, and reliability of each type of measurement will be discussed in terms of research and medical utilization. Students will gain experience with collecting, analyzing, and comparing measurement results.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

APK6336 - Physical Activity Epidemiology and Evidence Review

General
Course Description
Description: This course will discuss rudimentary concepts in epidemiology and examine the associations between various chronic diseases and exercise, physical activity and fitness. This course will integrate selected scientific studies and the learner will be able to distinguish study designs and explain study findings in a group setting. The learner will write scientific critiques for selected studies demonstrating their ability to evaluate study designs, methodology, data analysis, and findings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

APK6415 - Behavioral Medicine

General
Course Description
This course will cover advanced concepts of behavioral medicine including health behavior change theory, intervention, and psychosocial antecedents and consequences.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

APK6900 - Independent Study in Kinesiology and Lifestyle Medicine

General
Course Description
Prerequisite: APK 6116C
Description: Students will conduct specific health related research or course development activities under the guidance of a faculty advisor. The outcome of these activities will result in manuscript preparation, abstract preparation and presentation, and/or course development.
Repeatability: May be repeated for up to 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

APK6942 - Internship or Project in Kinesiology and Lifestyle Medicine

General
Course Description
Prerequisite: APK 6116C
Description: The internship experience will provide an opportunity to gain experience in a specific area of career interest in exercise science and chronic disease. The project option will provide an opportunity for the student to conduct a guided comprehensive literature review on an approved topic of their choice leading to the submission of a review paper for publication in a peer-reviewed journal.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

APK6972 - Thesis in Kinesiology and Lifestyle Medicine

General

Course Description
Prerequisite: APK 6057 and APK 661C
Description: Students choosing to complete a thesis may do so over two semesters. The thesis project must be a hypothesis-based original research study or a hypothesis generating descriptive study utilizing a secondary data-analysis approach. The student must successfully complete HSC 6906 prior to enrolling in APK 6972. For the thesis option, students are required to submit a revised proposal (an update of the HSC 6906 proposal) for review and approval by the faculty adviser and chosen thesis committee one month prior to the beginning of the term. Students must meet with the faculty adviser periodically to discuss project progression. Graduation with a thesis is contingent upon the approval of the thesis committee. Thesis students will be required to present their final project to their faculty committee both orally (thesis defense) and in writing.
Repeatability: May be repeated two times or six credits may be taken simultaneously.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

ARH2000 - Art Appreciation

General

Course Description
In this course, students will develop an appreciation of and the ability to think critically about culture and be provided with the tools to understand, analyze, and discuss works of visual art and material culture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH2050 - Art History Survey I

General

Course Description
This course is a survey of painting, sculpture and architecture from the Paleolithic era through the Medieval period. Monuments will be studied in relation to the cultural contexts of Western civilization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH2051 - Art History Survey II

General

Course Description
This course is a survey of European painting, sculpture and architecture from the Renaissance, Baroque, Rococo, and Neoclassical periods to the emergence of modern art including Romanticism, Realism, Impressionism, Expressionism and Cubism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3043 - Economic History of Art

General

Course Description
Works of art are economic products: they cost time, talent and resources to produce. They are bought and sold, often at great cost to their patrons, owners, and consumers. They generate enormous economic activity through their production, reproduction, tourism, and other uses and applications. They present large opportunity costs, as time, talent, money, and resources spent in the production, purchase, and maintenance of an artwork could be dedicated to other productive investments. Works of art are today even bought and sold as investment vehicles in specialized hedge funds. So what is it all worth? In this course, we will examine cases in ancient, medieval, Renaissance, modern, pre-Columbian, Polynesian, African, and other art traditions that illustrate economic issues in the production, patronage, consumption, and interpretation of art across human history.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3130 - Ancient Greek Art and Architecture

General

Course Description
Description: This course considers the art and architecture of Ancient Greece from the Bronze Age through the Hellenistic period.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3150 - The Art and Architecture of Ancient Rome

General

Course Description
This course will consider the art, archeology and architecture of ancient Rome, from its antecedents in the Italic and Etruscan traditions, through the Republic and the late empire. Major works, monuments and sites will be examined in the context of the culture, history, geography and religion.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ARH3202 - Medieval Art and Architecture

General
Course Description
Description: This course introduces the principal forms, concepts, and movements of European medieval art, covering major works of architecture, sculpture, manuscript painting, and the precious arts from late antique, Byzantine, Insular, Carolingian, Romanesque, and Gothic art. In its abstraction, social functions, religious content, and symbolic character, medieval art differs in fundamental ways from the art of the antiquity and the Renaissance. This introduction emphasizes methods of analysis and problems of interpretation key to understanding artistic developments during the thousand year period of the Middle Ages.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ARH3250 - Romanesque Art and Architecture

General
Course Description
This course explores the art and architecture of the Romanesque period, the 11th and 12th centuries, especially the sudden, widespread "Renaissance" of monumental sculpture. The course seeks to situate Romanesque art in relation to important cultural and religious phenomena that shaped its uses and meanings, including pilgrimage and the cult of relics, monasticism, and crusade. We will also consider the origin of the idea of a Romanesque in medieval art and interpretive approaches to Romanesque art.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ARH3302 - Italian Renaissance Art

General
Course Description
Earlier Renaissance; Proto-Renaissance aspects of late Gothic art; the international style; early renaissance; high renaissance; Venetian art; mannerism. Examples of painting, sculpture and architecture will be studied.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ARH3319 - The Art and Architecture of Michelangelo

General

Course Description
Using contemporary as well as modern accounts of the artist, this course will study the painting, drawing, sculpture, and architecture of Michelangelo in the context of Italian Renaissance culture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3331 - Northern Renaissance Art

General

Course Description
This course surveys the art of Europe north of the Alps during the 15th and 16th centuries. We will consider the development of new artistic techniques and technologies in painting and print through the work of such major artists as Jan van Eyck, Albrecht Durer, and Hieronymous Bosch. The course will also investigate concepts of morality, religion, death, and Apocalypse that are reflected in the art of the period.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3350 - Baroque Art

General

Course Description
The origins of baroque art in Italy, Bernini and St. Peter's, Velazquez, Rubens and Flemish art. Rembrandt and the Dutch masters. Classical 17th century French art. The England of Sir Christopher Wren. Rococo art.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3354 - Rubens to Rembrandt: Netherlandish Baroque Art

General

Course Description
With the towering figures of Peter Paul Rubens and Rembrandt van Rijn as bookends, this course examines art of the Netherlandish Baroque within its cultural and social contexts, with close attention to themes of religion, social morality, and humor. We will consider the significance of major artists, including Rubens, Rembrandt, Vermeer, Frans Hals, and others, in addition to important contributions by Northern Baroque artists to the development of portraiture, landscape, still life, and genre painting.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3404 - British Art: Hogarth to Hirst

General

Course Description
This course will provide an introduction to the art and architecture of Britain from the eighteenth century to the present day. The focus will be on developing an understanding of paintings, sculpture, and architecture in their historical contexts. We will examine portraiture, landscape painting, history painting, paintings of modern life, photography and contemporary art, with additional material on architecture and decorative arts. Themes to be developed throughout the course will include: the distinctive character of British art, patronage and collecting by individuals and museums, art as propaganda, the development of portraiture as an expression of identity, the importance of landscape painting, decoration and articulation of taste, and the contemporary art scene in Britain.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3410 - Modern European Art I

General

Course Description
This course will study European art and architecture between 1780-1870, from Neo-Classicism through Impressionism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3434 - Modern European Art II

General

Course Description
This course will study European Art and Architecture between 1880 and 1940, from post impressionism through surrealism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3453 - Post War Art: 1940-1980

General

Course Description
This course focuses on the production of art within the late modern and early post-modern periods. Special attention will be paid to the ways in which race, gender, sexuality, and cultural difference are constructed within visual arts of the post-war era. Investigating the role of art critics, galleries and art periodicals, the class will also examine the different institutions through which art has been promoted and filtered in the decades following World War II.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3475 - Contemporary Art: 1980 to Present

General

Course Description
This course will explore the meaning(s) as well as stylistic, historical, and theoretical developments of painting, sculpture, mixed media works, conceptual and performance art, installation, and non-traditional photography, and video/film extending from 1980 to the present.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3571 - Islamic Architecture

General

Course Description
Description: This course considers the architecture of the Islamic world. Emphasis is placed upon the study of key building plans, architectural elements, architectural decorative programs, and architectural decorative materials.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3574 - Early Islamic Art

General

Course Description
Description: This course considers the art and architecture of the early Islamic period. Emphasis is placed upon the study of key works and concepts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3583 - Tribal Arts

General

Course Description
This course provides a selective introduction to major developments and issues in African, Oceanic and North American Indian art of the pre-colonial, colonial, and post-colonial periods. Works will be examined in relation to a culture's religion, rituals, ceremonies, political structure, gender roles, and ethnic identity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3621 - American Art I: 1492 to 1876

General

Course Description
American Art I surveys the visual arts of the United States from 1492 to 1876. Throughout the course we will look at the ways in which American artists sought to develop an American fine arts tradition. This course also examines how art was used to shape a strong national identity and to negotiate the tensions of race, politics, gender, class, and ethnicity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3623 - American Art II: 1876 to 1940

General

Course Description
Description: American Art II surveys the arts of the United States from 1876 to 1940. Examining the production of modern art in the US, we will consider how artists responded to industrialization; developments in transportation and communication; urbanization; labor; gender; race issues; economic polarization; and political conflicts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3631 - African American Art History

General

Course Description
Spanning Colonial times to the present, this course examines art produced by individuals of African descent in the United States. Through lectures, discussions, readings and writing assignments, students will develop a broad knowledge of African American art within its social-historical context. Topics will include but are not limited to: African American folk art and slavery, African American art after Emancipation, African American art and the Harlem Renaissance, African American art and the Civil Rights movement, African American women artists, and collecting African American art.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3811 - Junior Methods Seminar

General

Course Description
Prerequisite: ARH 2050, ARH 2051, and two ARH 3000-4000 courses, Junior status
Description: This course serves to introduce students to advanced methods in original research and to key texts that formulate the intellectual foundation of the discipline of art history. In consultation with faculty, students in the Junior

Methods Seminar will develop a topic, bibliography, and research plan preparatory to completion of the senior thesis. Successful completion of the Junior Methods Seminar is prerequisite for admission to the Senior Research Seminar.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3883 - The Apocalypse in Medieval and Early Modern Art

General

Course Description
The idea of the Apocalypse, the end of the world described in Revelations by St. John the Divine, profoundly influenced the subject matter of Christian art during the Middle Ages and early modern period and continues to be an important reference point in western art and culture. This course surveys the range and development of apocalyptic imagery from the Whore of Babylon to the Mark of the Beast in medieval, Renaissance, and contemporary art, with special attention paid to themes of millenarianism, the year 1000, and the Protestant Reformation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3888 - Art of Disney

General

Course Description
This course considers Disney and his company in relation to art, society, and politics during the twentieth century. Because this is an art history course, students will learn about Disney's contributions within the realms of film, architecture, and the theme park. Through assigned readings and visual material such as cartoons, slides, and documentaries, the course assesses the relationship between high art and popular art and evaluates Disney's impact on the production and consumption of leisure.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH3930 - Special Topics in Art History

General

Course Description
Special Topics in Art History. Special Topics courses are designed to augment the curriculum by offering classes which are not in the catalog. May be repeated for 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

ARH3955 - Art History on Site

General

Course Description
Students in this course will experience the history of art in situ. The course is designed to accommodate study abroad experiences and intensive explorations of domestic sites such as New York and Washington D.C, Major monuments, archeological sites, museums and works of art will be considered and analyzed in the context in which they were created or are currently housed. Cultural contexts of works of art will be explored; students will consider the myriad influences that are reflected in works of art including patronage, history, economics, religion, geography and techniques in painting, sculpture and architecture. May be repeated once.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

ARH4800 - Aesthetics of Art

General

Course Description
A search for beauty and expression in the arts. Through lectures, discussions, movies, and slides, this search will take into account the thoughts of Santayana, Dewey, Langer, Tolstoy and well-known contemporary philosophers, artists, writers, architects and film makers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ARH4905 - Directed Individual Study

General

Course Description
Prerequisites: ARH 2050 Art History Survey I, ARH 2051 Art History Survey II, 3 upper level ARH courses
This course provides context for intensive, direct collaboration between instructor and the enrolled student(s) on original research topics. The topics addressed and the scope of the collaboration is determined by the instructor in consultation with the enrolled student(s). The course is an opportunity for advanced study in Art History through one-on-one student/faculty contact designed to develop high-level critical, analytical, and research and writing skills. May be repeated up to 6 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

ARH4910 - Senior Research Seminar

General

Course Description
Prerequisite: ARH 2050, ARH 2051, ARH 3811, and at least two 3000-4000 level ARH courses.Description: Senior Research Seminar is a capstone class that offers a thesis and a non-thesis track. Art History majors on the non-thesis track will develop professional experience through an approved internship in a gallery, museum, or cultural organization. Art History majors on the thesis track will be required to successfully complete an approved original research project. The thesis track is designed for Art History students who have been accepted into the Honors in the Major program.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

ARH4941 - Internship in Art History

General

Course Description
Prerequisites: Art History major or minor ARH 2050, ARH 2051 and three upper level art history courses, permission of department chairThe internship provides supervised professional work experience in a gallery, museum, archeological or cultural organization. May be repeated for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

ART1201C - Two-Dimensional Design

General

Course Description
Description: This course is an introduction to the elements and principles of design through the utilization of various media on the flat surface. Emphasis will be placed on developing an understanding of the various organizational possibilities available in designing for the flat surface. Along with learning and applying professional presentation skills and craftsmanship, the development of ideas, problem-solving skills and understanding design concepts are the focus of this course.
Course Fees: $25

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ART1205C - Color Theory

General

Course Description
Description: In this studio class students will develop visual and working skills needed to understand the physical properties and relationships of color. Students will expand their color sensibilities and develop a working understanding of color psychology, symbolism, and expressive color. Research, critique and class discussions will expand the use of color appropriate vocabulary and aid in the student's development of critical thinking skills. Historic and contemporary references and studying the work of important theorists, artists and designers will broaden their understanding of color as a visual language.
Course Fees: $40

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ART1300C - Drawing I

General

Course Description
This course is an introduction to basic observational drawing skills, including but not limited to: perspective, contour, and gesture. The use of positive/negative space, value line and mass will be emphasized in relationship to the design and organization of composition. The techniques of creating volume and space and the effects of light of the three dimensional form on the
two-dimensional picture plane will be addressed. Through regular critiques, students will begin to make critical decisions about their work. (A material fee of $10 will be assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ART1600C - Digital Imaging Methods

General

Course Description
Description: This course introduces the production of digital imagery and explores its creative potential in various media. It contextualizes digital image-making in terms of practical applications and modern production processes. Students explore a range of techniques for creating and manipulating images using industry-standard design tools. The course explains technical proficiencies required in visual communication professions
Course fees: $45

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ART2203C - Three-Dimensional Design

General

Course Description
This course is an introductory studio experience in the visual arts, focusing on the structural and spatial exploration of three-dimensional form through a variety of media with an emphasis on design and construction. Students will develop presentation skills and craftsmanship, while formulating problem-solving skills and concept generation. (A material fee of $50 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ART2301C - Drawing II

General
Course Description
Prerequisite: ART 1300C
This studio course is a continuation, reinforcement, and an expansion of basic direct observation drawing skills and techniques learned in Drawing I. Direct observation for this course is defined as drawing from still life, landscape and architecture. Students use traditional subject matter to explore a range of drawing materials and techniques including mark-making techniques and gesture with an introduction of color. Compositional sensibilities and good understanding of both positive and negative space will be emphasized. Classic and contemporary references will broaden understanding of drawing as a visual language. (A material fee of $10 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ART2330C - Figure Drawing I

General
Course Description
Prerequisite: ART 2301C, and consent of instructor
This course gives students' a thorough understanding of the structure and anatomy of the human figure through direct observation and measurement of the nude model. Students render the human figure using proportion, weight, form and mass. Skills developed in previous drawing classes will be further refined in relation to the human figure. Historic and contemporary references will broaden the students' understanding of the figure as part of the visual language. Through regular critiques, students will begin to make critical decisions about their work.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
5

ART2400C - Introduction to Printmaking

General

Course Description
Prerequisites: ART 1300C Drawing I & ART 2301C Drawing II This course is designed as an introduction to traditional methods of printmaking. Students will design and construct basic relief, intaglio, and planographic techniques. The unique quality of the graphic aesthetic will be emphasized along with the ability to produce original multiples through hands on methods in print. Course Fees: $80

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ART2500C - Painting I

General

Course Description
Prerequisite: ART 1201C and ART 2301C
Description: This course is an introduction to the techniques, concepts, and history of painting through direct observational study. In this course there will be an emphasis on the use of color to render space, light, and form. Students will look for and discover individual expression and points of view in their paintings. Historic and contemporary references will broaden the students' understanding of painting as a visual language. Through regular critiques, students will begin to make critical decisions about their work.
Course Fees: $25

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ART2605C - Basic Computer Images

General

Course Description
Description: This course covers the basics of the Macintosh operating system and industry standard design applications. Topics include the creation of vector and raster images, page layout, and PDFs. No prior computer experience is needed.
Course fees: $45

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ART3271C - Comics and Narrative

General

Course Description
Comics and Narrative is a studio art course designed to teach students about creating artworks using the medium of comics. Students will demonstrate their understanding of comics by engaging in drawing and writing exercises designed to help them produce their own original comics. Students will also gain an

understanding of the historical touchstones for comics and graphic storytelling, and understand how comics have evolved as a medium through related readings, discussions, and lectures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ART3317C - Drawing Studio

General
Course Description
Prerequisite: ART 1201C and ART 2301C
Description: In this class students will develop their drawings through directed and self-motivated activities. Assignments will be designed to allow personal artistic development while further developing an understanding of drawing media. Regular group and individual critiques will be held to mark the progress of the students work. There will be several directed projects, discussions and demonstrations intended to expand the student's knowledge of artistic processes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ART3332C - Figure Drawing II

General
Course Description
Prerequisite: ART 2330C
This studio course is designed to further develop the visual, verbal and technical skills necessary to represent the figure though direct observation of the nude model. Students work in a variety of media. The course focuses on using the figure as an element in composition and reinforces the skills used in Figure Drawing I. Students are expected to develop the ability to draw the figure perceptually, expressively and with an awareness of some of the conceptual issues associated with the figure. Historic and contemporary references will broaden the students understanding of the figure as part of the visual language. With regular critiques, students will begin to make critical decisions about their work.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
5

ART3354C - Digital Sketchbook

General

Course Description
Description: This course is designed to introduce students to the use of digital portable tablets (such as an iPad) to create digital drawings and sketchbooks. Students will focus on a variety of subjects: traditional still-lifes and photo-reference, as well as sketching outdoors. This course emphasizes observation, organization, experimentation, and conceptualization. Students must supply their own portable tablet, such as an iPad, Surface, etc. for projects. Various styluses will be discussed in class. Students may experience studio visits, guest speakers, and/or sketching workshops. . The class is open to all Art and Design Majors.
Repeatability: This course can be repeated for up to 6 credits
Course fee: A course fee will be charged.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

ART3420C - Lithography Printmaking I

General
Course Description
Prerequisite: ART 2400C
This course is designed as an introduction to planographic print methods. Students will learn to construct and edition traditional and alternative lithographic techniques including aluminum plate lithography. Research, experimentation and a final print exchange will be encouraged.
Course Fees: $80

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ART3433C - Screenprint I

General
Course Description
Prerequisite: ART 2400C or PGY 1800C
This course is designed as an introduction to serigraphy (screenprint). Students will design and construct basic screen print methods including cut stencil, hand drawing and photosensitive processes. The unique quality of the graphic aesthetic will be emphasized along with the ability to produce original multiples through hands on methods in screenprint.
Course Fees: $80

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ART3442C - Intaglio Printmaking I

General
Course Description
Prerequisite: ART 2400C Introduction to Printmaking This course covers the major acid etching methods of intaglio printmaking. Multiple viscosity color inking techniques will be introduced along with traditional and alternative plate construction methods. Students will create varied editions and non-acid techniques including mono-print and mono-type. Experimentation and collaboration in a Final Print Exchange will be encouraged.Course Fees: $80

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ART3443C - Relief Printmaking I

General
Course Description
Prerequisite: ART 2400C Introduction to Printmaking This course covers traditional and non-traditional methods of relief printmaking. Multiblock color printing, reduction block printing and the collagraph will be introduced. Emphasis will be given to the unique graphic aesthetic of the woodblock/linoblock. Experimentation and collaboration in a Final Print Exchange will be encouraged. (A material fee of $70 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ART3464C - Kitchen as a Studio

General
Course Description
This online class teaches students how to make prints in a low-tech, sustainable, and non-toxic rudimentary studio. Students will examine less common adaptations of conventional printmaking techniques and how to problem-solve and adjust the methods to their creative needs. Students will further develop strategies and approaches for each specific purpose. Video demonstrations and voice-over presentations are available weekly, paired with asynchronized lectures on how to create hands-on printmaking projects.This course introduces critical thinking and problem-solving in a low-tech environment, helping students understand how to use non-traditional and alternative materials to create prints with unique and unusual characteristics. This class is open to non-art majors, no pre-requisites.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ART3504C - Painting III

General
Course Description
Prerequisite: ART3530C
Description: In this class students will develop their work through directed and self-motivated activities. Assignments will be designed to allow personal artistic development while further developing an understanding of painting mediums. Regular group and individual critiques will be held to mark the progress of the students work. There will be several directed projects, discussions and demonstrations intended to expand the student's knowledge of artistic processes.
Repeatability: This course may be repeated for a maximum of 9 credits.
Course Fees: $30

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
2

ART3505C - Alternative Processes in Painting

General

Course Description
Prerequisite: ART 2500C
This course is designed to allow for in depth, directed exploration of the many possibilities of painting with non-traditional painting materials and alternative painting techniques. (A material fee of $10 will be assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
1

ART3530C - Painting II

General

Course Description
Prerequisite: ART 2500C
Description: Students in this class will continue to investigate painting methods, mediums and techniques, with an emphasis on the development of personal vision. Students will continue to develop knowledge of composition, scale, and spatial perception and the theoretical and practical aspects of color and its application to painting mediums. Through these processes, students will become more independent and self-directed in developing ideas and concepts, processes, and the critical structure for their paintings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ART3560C - Figurative Painting

General

Course Description
Prerequisites: ART 2330C and ART 2500CDescription: Figurative Painting will explore the figure in painting as a subject of contemporary society. Topics will include both learning traditional techniques involving mixing flesh-tones, exploring human anatomy, mastering proportion, learning to replicate flesh texture with paint, while also focusing on how figurative painting can express the nuanced condition of today's social identity. Conceptual aspects within figurative painting explore: narrative, identity, social and psychological expression, and trends in contemporary and historic figurative painting.Repeatability: May be repeated for a maximum of 9 hours.Course Fees: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART3569C - Portrait Painting

General
Course Description
Prerequisite: ART 2501C
Description: This course is designed to guide the student forward with a direct and fundamental approach to the practice of portrait painting. The course is primarily concerned with working from the live model and developing a contextual framework for the finished portrait by serving to strengthen the students ability to capture form and character.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

ART3707C - Sculpture I

General
Course Description
Prerequisite: ART 2203C
This course is a continuation of the studio experience. Students will use sculptural materials and a variety of core sculptural processes with an emphasis on technical development and construction techniques. Individual expression in three dimensions will be enhanced by an expanded understanding of materials and construction methods.
Course Fees: $145

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART3709C - Sculpture II

General
Course Description
Prerequisite: ART 3707CStudents will continue to expand on their technical development in a number of sculptural materials, while developing their personal artistic style.Course Fees: $145

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART3714C - Sculpture: Casting

General

Course Description
Prerequisite: ART 3707C.
This course covers a variety of mold-making and casting processes, including both rigid and flexible mold-making materials, incorporated with both cold material and hot metal casting processes. The course may be repeated for a maximum of 9 hours. (A material fee of $115 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART3765C - Intermediate Ceramics

General
Course Description
Prerequisite: ART 3786C. This course covers intermediate exploration of ceramic methods emphasizing individual expression, alternative directions and aesthetic qualities in clay. Surface enhancement including special glazing techniques is covered. This is course may be repeated for a maximum of 9 hours. (A material fee of $65 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART3786C - Ceramics

General
Course Description
This course covers hand-building, wheel-throwing, glazing, and firing procedures to increase technical proficiency and sensitivity in the design process and to translate personal expression and aesthetic values into art form. This course may be repeated for a maximum of 6 hours. (A material fee of $65 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
1

ART3830 - Curatorial Practices

General
Course Description
This course is a praxis course between contemporary issues in curatorial studies and logistics within exhibition development and production. Students will engage with cultural organizers and organizations within the field, learn how to install and deinstall exhibitions, discuss curatorial and contemporary art theory, and develop a shared vernacular around concerns within cultural production/exhibitions. This

course will examine a history of curation; different curatorial styles; presentation of art within commercial, institutional, educational, nonprofit, and digital platforms; outreach and community for exhibitions; showcase multi-perspectival approaches within contemporary art.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ART3930 - Special Topics in Art

General

Course Description
May be repeated for a total of 24 credits under different topics. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
7

ART4143C - Surfboard Design and Fabrication

General

Course Description
This course will focus on the fundamentals of surfboard design for specific performance characteristics, the fabrication of surfboards using traditional shaping techniques, and embellishing them with customized original artwork and graphic design. The boards will be designed and thoroughly planned before fabrication begins. This class synthesizes a cross-disciplinary approach to industrial design, problem solving, creativity, and critical thinking.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ART4421C - Lithography Printmaking II

General

Course Description
Prerequisite: ART 3420C
This course is designed to present advanced planographic print methods including photo-lithography. Students will learn to construct and edition traditional and alternative lithographic techniques. Research, experimentation and a final print exchange will be encouraged.
Course Fees: $80

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART4434C - Screenprint II

General
Course Description
Prerequsite: ART 3433C
This course is designed to give the experienced printmaker advanced screenprint methods using traditional and non-traditional print materials. Experimentation, social impact of multiples, and large-scale printing will be encouraged through the use of alternative surfaces or found objects.
Course Fees: $80

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART4444C - Intaglio Printmaking II

General
Course Description
Prerequisite: ART 3442CThis course is designed to give the experienced printmaker advanced printing methods including photo intaglio and multiple plate color etching techniques. Experimentation, large format, and narrative plate construction will be encouraged.Course Fees: $80

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART4445C - Relief Printmaking II

General
Course Description
Prerequisite: ART 3443CThis course is designed to give the experienced printmaker successful ways to make relief prints on traditional and non-traditional print materials. Experimentation and large-scale relief printing will be encouraged through the use of collagraph, woodblock, linoleum and alternative surfaces or found objects.Course Fees: $80

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
2

ART4642C - Digital Fabrication

General

Course Description
Prerequisite: ART 3707CDescription: This hands-on course explores the art and process of digital fabrication. Students will learn to efficiently translate ideas into digitally produced physical objects while developing the skills to maintain, calibrate, and troubleshoot fabrication equipment. The course covers the use of industrial laser cutters, 3D printers, and a CNC plasma cutter, along with essential maintenance procedures. Through practical experience, students will gain a deeper understanding of digital fabrication's possibilities and applications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
2

ART4710C - Sculpture III

General

Course Description
Prerequisite: ART 3707C, ART 3709CThis course is designed for individual specialization in sculpture studio including research in a focused artistic direction. Emphasis will be placed on personal style development, professional awareness, and studio practice.Course Fees: $145

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
2

ART4724 - Graphic Design History

General

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ART4736C - Sculpture: Enlivened Spaces

General

Course Description
Prerequisite: ART 3707C.
The studio-based course provides the basic foundations for sculptural studies through a series of projects and creative inquiries. The projects foster a relationship between concept to process, and intention to outcomes. Basic sculptural languages will be explored, such as metaphor, narrative, metonymy, space, materiality, form, mass and scale. The interdisciplinary nature of contemporary sculptural practice is emphasized through projects which include but are not limited to collaboration, performance art, site-specific art, sound art, light art, and time-based art as well as exploratory application of traditional forms and methodologies. Some local travel will be involved to produce artwork on location.
Course Fees: $145

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART4768C - Advanced Ceramics

General
Course Description
Prerequisite: ART 3786C. This is an advanced course for individual specialization in ceramic studio. Topics will include and not be limited to glaze exploration and the development of ceramic forms. The course may be repeated for a maximum of 9 hours. (A material fee of $65 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

ART4788C - Ceramic Aesthetic

General
Course Description
Prerequisite: ART 3786C. This course focuses on advanced levels of invention employing the creative process toward very personal forms, glazes and techniques. Consideration is given to new technology in the field as well as contemporary ideas on aesthetics and quality. (A material fee of $65 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ART4805 - Painting and Drawing Research

General
Course Description
Prerequisite: ART3530C
Description: Painting/Drawing Research is a seminar course designed to accommodate students interested in advanced painting and drawing in solving aesthetic, political, conceptual, philosophical, and theoretical problems in this discipline that are relevant to our contemporary society. Discussions about how such trends in contemporary painting and drawing define today's painting practice will influence the students' own work. The content of this course will involve: readings, videos, discussions, writing, and critiquing. Course lectures will cover the history and ideas of modern to contemporary painting and drawing.
Course Fees: $25

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ART4905 - Directed Individual Studies

General

Course Description
A maximum of 15 credits may be accumulated in directed individual studies.(A material fee of $15 will be assessed.)

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
4

ART4929C - Senior Project

General

Course Description
Description: Students enrolled in this course will make, promote and install a body of work which exhibits a professional approach and understanding of the medium selected. An artist's statement and an exhibition plan is required.Repeatability: May be repeated for a maximum of 6 hours.Course Fees: $25

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
1

ART4935 - Seminar

General

Course Description
A maximum of 15 credits may be accumulated in seminars. (A material fee of $15 will be assessed.)

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
4

ART4940 - Internship In Fine Arts

General

Course Description
Prerequisite: Senior standing with 3 upper-level classes or approval by faculty recommendation. Description: The purpose of this course is to enable students to acquire professional experience in the field(s) of ceramics, painting/drawing/ printmaking, photography, sculpture or other related fields. The internship site must be approved by the Department.Repeatability: May be repeated for a maximum of 9 hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
2

ART4965C - Professional Practices

General

Course Description
Description: This course is the culminating portfolio class in which students present their own work while incorporating experiences with exhibitions, the development of a written portfolio and public speaking. This class focuses on critical thinking, craftsmanship and organization skills through study and practice of the business of art, local and regional exhibitions and professional presentation procedures. Students will present self-determined goals and objectives. Their work will be presented for review and oversight by art and design faculty.Course Fees: $10

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ASH3200 - (FC) - Ancient Near East

General

Course Description
This course provides an introduction to the history and cultures of the ancient Near East. Starting with the origins of civilization in Mesopotamia and Egypt, it traces the spread of cities, writing and literature, the arts, religion and thought throughout the Fertile Crescent, to the rise of Islam. The interactions of the peoples of the Near East - the Sumerians, Babylonians, Assyrians, Hittites, Egyptians, and Hebrews - and the continuity of cultural traditions in the region will be stressed

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASH3201 - (FC) Ancient Israel

General

Course Description
Description: This course will explore the historical traditions of the Israelites, from their origins and settlement in the land of Israel to their absorption by the Roman Empire, their revolts, and finally their Diaspora throughout the Mediterranean and Near East. The course will place the Israelites in the context of the ancient Near Eastern and Mediterranean worlds, and will critically evaluate the Biblical accounts of Israel in comparison with documents from the other societies of the region, as well as the archaeological evidence from the Biblical lands. The aim will be to understand the historical reality of the people of Israel and its society, culture and religion, and to appreciate their enormous influence on later historical developments and religious thought.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH3223 - (FC) Middle East

General
Course Description
An introduction to the historical forces shaping the Middle East, such as Islam, nationalism, Westernization, and nation-state building. Topics covered include: Islamic civilization, the Ottoman Empire, the Eastern Question, the Arab awakening, the Iranian Revolution, the Arab-Israeli dispute, and the regional and global repercussions of contemporary issues.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH3337 - (FC) Gandhi and Modern India

General
Course Description
This course scrutinizes recent interpretations of Gandhi's life and thought, and most especially his roles as a religio-philosophical teacher and a nationalistic political leader. It aims to add new dimensions of knowledge about the Indian leader, his nation, and the world-wide impact of his ideas.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH3401 - Contemporary China

General
Course Description
This course is designed to introduce students to major themes in contemporary Chinese history from the death of Mao Zedong in 1976 to the present. The course is designed chronologically and thematically to enhance students' grasp of factual material, and to provide greater insight into social, cultural and intellectual currents. Through a series of readings, images and films students investigate the dramatic cultural, economic, social and intellectual upheavals the People's Republic of China has experienced in recent decades.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH3402 - Traditional China

General

Course Description
Traditional China evokes a vision of a virtuous emperor in the center, who, with the help of a cumbersome bureaucracy, broadcasts to the empire timeless Confucian ethical principles such as loyalty and filial piety, so as better to govern a stable and compliant agrarian society. Fortunately, this apparently rigid mold proves, more often than not, to be plastic. Broken up by periods of chaos and upheaval, traditional China features a flamboyant pageant of characters- megalomaniacal emperors, devious palace women, sycophantic poets, wandering scholars, calculating merchants, scheming ministers, daoist mystics, and rebel peasants claiming appointments from heaven-who collectively flaunted, challenged, and reshaped its structure.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ASH3404 - Modern China

General
Course Description
In 1750, Qing China was populous, vibrant, and strong. By 1911, gutted by savage civil wars, foreign imperial powers, and corruption, the last of the Chinese dynasties collapsed. The pillars that had for more than two millennia upheld the edifice of traditional China-the imperial monarchy and the Confucian bureaucracy-were no more. This course follows the painstaking transition from tradition to modernity in China, as the Chinese culture transformed gradually into a Chinese nation. Themes include: imperialism, westernization, nationalism, tensions between traditional and modern ideas, student activism and political change, and democracy and communism.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ASH3440 - (FC) Japanese Civilization

General
Course Description
This course aims to provide the student with an introduction to Japanese history and society. Topics will include Japanese ethnocentrism, religious traditions, historical consciousness, village society, urbanism, family life, education, contemporary politics, Japan's economic miracle, consumerism, sports and the arts. We will look at the Japanese as they see themselves

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH3441 - Japan Before 1868

General
Course Description
This course covers the period from the ancient creation of the Imperial system through the rise of the military class. Readings will reveal the Japan of gods and goddesses, samurai, the great Buddhist academies and the classic arts of the tea ceremony, gardening, sculpture, literature and martial skills.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH3448 - (FC) Hiroshima

General

Course Description
This course examines U.S.-Japanese relations as defined by the atomic bombings of Hiroshima and Nagasaki. The first half of the course focuses on the causes of World War II, as well as the U.S. decision to use the bomb. The second half examines the consequences in Japan and the United States.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASH3620 - (FC) Asian Art and Culture

General

Course Description
Asian Art and Culture explores the various genres in the visual arts of the Islamic world, and the civilizations of India, China, and Japan. The literary and performing arts are examined as they relate to ceramics, sculpture, painting, cinema, and architecture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASH3932 - Selected Topics: Asian History

General

Course Description
This course will present selected topics in Asian history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
4

ASH4234 - Seminar: Ottoman History

General

Course Description
Prerequisite: HIS3051 with a C or better
Description: The Ottoman dynasty ruled over one of history's largest, longest-lasting empires. From the thirteenth to the twentieth century, the Ottoman Empire governed a huge and diverse population stretching from the Middle East and North Africa to central Europe. What allowed the Ottomans to expand so rapidly and to rule effectively for so long? How did the Empire adapt to the changes brought by industrialization and capitalism? And what caused it to fall? In this seminar, students will explore these and other themes in Ottoman history that have changed the way historians understand governance, war, identity, religion, nature, and even history itself.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH4641 - Seminar: War and Migration in the Middle East

General
Course Description
Prerequisite: HIS3051 with a C or better.
Description: This course examines the history of migrants in the Middle East and North Africa from the late Ottoman Empire to the current conflicts in Syria and Iraq. While migrants are often overlooked by historians, their very existence defies boundaries and singular identities. This seminar seeks to show why migrants are crucial to understanding how war, peace, states, and borders have been made in the Middle East and its neighboring regions from the early twentieth century to today.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH4934 - Seminar: Asian History

General
Course Description
Prerequisite: HIS 3051 or permission of instructor. This course is a seminar in Asian history. The topics will vary with the instructor. The course may be repeated up to 5 times for a total of 15 credit hours under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

ASH5235 - Ottoman History

General
Course Description
Prerequisite: Enrolled in the History graduate program or special permission of the instructor.
Description: The Ottoman dynasty ruled over one of history's largest, longest-lasting empires. From the thirteenth to the twentieth century, the Ottoman Empire governed a huge and diverse population stretching from the Middle East and North Africa to central Europe. What allowed the Ottomans to expand so rapidly and to rule effectively for so long? How did the Empire adapt to the changes brought by industrialization and capitalism? And what caused it to fall? In this course, students will explore these and other themes in Ottoman history that have changed the way historians understand governance, war, identity, religion, nature, and even history itself.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH5445 - Japan Before 1868

General
Course Description
This course covers the period from the ancient creation of the Imperial system through the rise of the military class. Readings will reveal the Japan of gods and goddesses, samurai, the great Buddhist academies and the classical arts of the tea ceremony, gardening, sculpture, literature and martial skills.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH5447 - Japan After 1868

General
Course Description
This course examines the conscious creation of the "modern" nation state of Japan, its changing literature, arts, and social organization. It concludes with an examination of post-modern (post-war) Japan.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH5642 - War and Migration in the Middle East

General
Course Description
Prerequisite: Enrolled in the History graduate program or special permission of the instructor.
Description: This course examines the history of migrants in the Middle East and North Africa from the late Ottoman Empire to the current conflicts in Syria and Iraq. While migrants are often overlooked by historians, their very existence defies boundaries and singular identities. This seminar seeks to show why migrants are crucial to understanding how war, peace, states, and borders have been made in the Middle East and its neighboring regions from the early twentieth century to today.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASH5935 - Special Topics: Asian History

General
Course Description
This course will present selected topics in Asian history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

ASH6936 - Seminar in Asian History

General
Course Description
Graduate research seminar in Asian History. Topics, eras, or themes will vary. May be repeated with the permission of the graduate advisor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

ASL2140 - American Sign Language I

General
Course Description
This course in American Sign Language is designed to teach basic conversational skills in ASL and an awareness of various aspects of deafness. This course will present the student with the structure, some conversational vocabulary and grammatical principles of American Sign Language. Students will learn the historical, cultural, and social aspects of deafness.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

ASL2150 - American Sign Language II

General
Course Description
Prerequisite: ASL 2140
ASL II is designed to continue development of conversational skills in American Sign Language. Students will use the vocabulary and skills that they learned in ASL I as support for new vocabulary and skills that they will learn in ASL II. The course will focus on grammar and syntax, vocabulary, and culture of the Deaf.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

ASL3226 - Advanced ASL Proficiency

General
Course Description
Prerequisite: ASL 4211
Description: This course is designed to refine expressive and receptive ASL skills with complex and dense message content. Students will develop increased linguistic fluency and application of cultural knowledge in spontaneous discussions, formal debates on current topics, and rehearsed presentations. Emphasis is placed upon natural language use in dialogues and monologues, concept clarity, accurate visual description, advanced vocabulary development, argument cohesion, and language construction that incorporates appropriate transitions and conversation markers.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASL3301 - ASL Structure

General

Course Description
Prerequisites:ASL 2140 ASL I with a grade of "C" or better.
This course examines the linguistic structure of American Sign Language. Students examine the phonological, morphological, semantic, syntactical, idiomatic, and metaphorical aspects of American Sign Language. Current research in the field is examined and discussed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASL3435 - Fingerspelling and Numbering Systems in ASL

General
Course Description
Prerequisites:ASL 2140 ASL I with a grade of "C" or better.
This course provides instruction in the rules of fingerspelling and numbering systems in American Sign Language. Students will practice both expressive and receptive skills at varying levels of complexity.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASL3514 - Deaf Culture

General
Course Description
This course is an introduction to deaf culture and examines both the emergence of the deaf community as a linguistic and cultural group and the history of American Sign Language. Students will study cultural norms, values, traditions, and rules of social behavior of the deaf community, as well as minority dynamics and cross-cultural interactions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASL4131 - American Sign Language III

General
Course Description
Prerequisites: ASL 2140 and ASL 2150
This course, a continuation of American Sign Language II, will emphasize the continued development of advanced sign vocabulary, compound complex grammatical constructions, usage and the development of advanced receptive and expressive conversational American Sign Language skills.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ASL4205 - Methods of Teaching ASL-English Bilingual Deaf and Hard of Hearing Students

General

Course Description
Prerequiste: ASL4131
Description: ASL4205 Methods of Teaching ASL-Bilingual DHH Students is designed to continue development of skills in American Sign Language. Students will use the vocabulary and the skills that they learned in ASL courses as a foundation while they further explore the linguistic structure of ASL. This course is also a preparatory course for internship. The content of the course will focus on linguistic competence and metalinguistic awareness of both ASL and English. Students will develop their own knowledge of ASL and English, while also learning instructional strategies used to develop student knowledge of ASL and English. During the class, time will be devoted to both skill and strategy development and an understanding of current research and literature concerning sign language in education.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASL4211 - American Sign Language IV

General

Course Description
Prerequisites: ASL 2140, ASL 2150 and ASL 4131
This course, a continuation of American Sign Language III, will emphasize the continued development of advanced sign vocabulary, compound complex grammatical constructions, usage and the development of advanced receptive and expressive conversational American Sign Language skills. The linguistic structures of American Sign Language will also be studied.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASL4324 - Advanced ASL Discourse

General

Course Description
Prerequisite: ASL 3226 Advanced ASL Proficiency
This course is designed to introduce the process of discourse analysis and enhance students' competency in ASL and interpreting by applying the process to interpreting. Students will also practice the use of ASL in a variety of discourse settings. Focus will be on the analysis of discourse in ASL and English.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASL4602 - Methods of Teaching American Sign Language

General

Course Description
Prerequisite: ASL 2140, ASL 2150, ASL 4131, ASL 4211, ASL 3301, ASL 3435, and ASL 3514
Description: This course is teaching methods for primary and second language learners are identified and analyzed. Students will then develop and implement classroom methods and strategies for language teaching as well as their own teaching philosophy based on their supporting empirical research.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASL4603 - First and Second Language Acquisition

General

Course Description
Prerequisite: ASL 2140, ASL 2150, ASL4131, ASL 4211, ASL 3301, ASL 3514 and ASL 3435
Description: This course introduces students to the acquisition of a native language and the acquisition of a second language after childhood. The primary focus of this course is the acquisition of natural sign languages. The first part of the course covers typical development and important milestones in phonology, morphology, the lexicon, syntax and pragmatics. The second part of the course covers the acquisition of sign language as a second language and relevant frameworks. The course also covers issues surrounding positionality of second language singers and language ownership. Application of concepts from lectures and reading is encouraged through the collection and analysis of L1 and L2 data.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASL4702 - American Sign Language Literature

General

Course Description
Prerequisite: ASL 2140, ASL 2150, ASL 4131, ASL4211, ASL 3301, ASL 3435, AND ASL 3514
Description: This course is an introduction to the American Sign Language literature. Students will study the various genres of ASL Literature to include narratives, poetry and storytelling methodology. The differences between genres of ASL Literature are examined. This course will include various levels and situations of simple to complex ASL stories. Diverse ASL storytellers will be explored and discussed on the impacts it has on ASL Literature and the Deaf community. This course is taught in ASL only.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASN2003 - Introduction to Asia

General

Course Description
An introduction to the history and culture of Asia. In addition to examining selected aspects of Asia's past and present, we will also explore the problems of "Orientalism" and the historical standards employed in various chronicles of Asia (required for the minor in Asian studies).

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ASN3106 - (FC) Women and Gender in East Asia

General

Course Description
Description: There is a common perception that Asian cultures traditionally were and still are wholly patriarchal, societies where “men are venerated and women are denigrated” (as a Chinese saying goes). It turns out that such a simple paradigm is inadequate to capture the complexity of gender dynamics in either traditional or modern Asia. In traditional times, women sometimes broke free of the domestic, inner sphere and became warriors, nuns, or poets—several even ascended to the pinnacle of political power and became rulers. We explore several themes: normative gender roles, challenges to and defiance of these normative roles, the homosexual tradition, and changes in gender roles and expectations in modern and contemporary Asia.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AST2002 - Discovering Astronomy

General

Course Description
This course provides a comprehensive look at modern astronomy, emphasizing the use of the scientific method and the application of physical laws to understand the universe including earth and its environment. Throughout the course, students will develop the ability to discern scientific knowledge from non-scientific information by using critical thinking.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

AST2002L - Discovering Astronomy Lab

General

Course Description
Description: This is an introductory laboratory course focused on student-driven experiments and scientific thinking. Students will explore astronomical phenomena and test scientific relationships on topics including the sun, moon, planets, stars, galaxies, and telescopes. This course will include three hours of laboratory.
Availability: This course is normally available Summer, Fall and Spring terms.
Course Fees: $25

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

AST3113 - Planetary Astronomy

General

Course Description
Prerequisite: AST 3204Description: This is an upper-level astronomy course that is focused on physics of planets and other small objects in our Solar system. This includes characterization of planetary structure, their atmospheres, and their formation history. It also explores detection and characterization of extrasolar planets.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)
⚫ - Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

AST3204 - Stellar Astronomy

General
Course Description
Prerequisite: PHY 2049Description: This is an upper-level astronomy course that aims to explain the fundamental properties of stars, including their structure and energy production, as well as how they form and evolve. It also addresses how real astronomical measurements are made, and how one studies the universe only using emitted light from distant objects.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ - Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

AST3217 - Astrophysics I

General
Course Description
Prerequisite: PHY 2049 with a minimum grade of "B" or permission of instructorCo-requisite: PHY 3101 or permission of the instructor Description: This course is an upper-level introduction to Astrophysics. It presents the physical and mathematical treatment of the properties of the universe and the bodies within it, including the formation, structure, and evolution of stars, stellar nucleosynthesis, binary stars, white dwarfs, neutron stars, and black holes.Availability: This course is normally available alternate years only.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ - Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

AST3303 - Galactic Astronomy

General
Course Description
Pre-requisite: PHY2049Description: This is an upper-level astronomy course that explores structure, formation, and evolution of galaxies, and the interface between galaxies, stars, and stellar populations, as well as interactions between galaxies and the larger scale structure of the Universe.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ - Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

AST3402 - Astrophysics II

General
Course Description
Prerequisite: AST 3217 or permission of the instructor
Co-requisite: PHY 3101 or permission of the instructor
Description: This course is part of a two-semester upper-level introduction to the Astrophysics sequence. It presents the physical and mathematical treatment of the properties of the universe and the bodies within it, including a study of the formation, structure and evolution of galaxies, galactic and extragalactic media, clustering and large scale structure and cosmology.
Availability: This course is normally offered alternate years only.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
● **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

AST3414 - Cosmology

General
Course Description
Pre-requisite: AST3303Description: This is an upper-level astronomy course that aims to understand the universe as a whole, starting from the first few moments after Big Bang to the present day, including initial nucleosynthesis, inflation, and large-scale structure formation. General relativity is also discussed.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
● **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

ATR2000C - Introduction to Sports Medicine

General
Course Description
Description: This course introduces students to the field of sports medicine and the principles of injury prevention, assessment, acute management, and intervention, and administrative responsibilities. This course is intended to help students gain an understanding of sports medicine, associated disciplines such as athletic training, physical therapy, kinesiology, medicine, nutrition, exercise physiology, and nursing, and the role they play in the physically active community. Course Fees: $15

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
0.966

Lecture Hours Max:
2.9

Lecture Hours Operator:
TO

Lab Hours
Lab Hours Min:
0.034

Lab Hours Max:
0.1

Lab Hours Operator:
TO

Number Of Repeats:
2

ATR3102 - Introduction to Athletic Injuries

General
Course Description
Current principles and practices in the prevention, recognition, and management of athletic related injuries and illnesses. (A material fee of $11.50 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ATR3104C - Orthopedic Taping and Bracing

General
Course Description
Prerequisite: Declared major in Athletic Training
Co-requisite: ATR2000C and ATR3102
Description: Current principles and practice in the selection, fabrication, and application of tape, splints, casts, braces, and other orthotic devices used in athletic training and sports medicine.
Course Fees: $30

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
0.2

Lab Hours
Lab Hours Min:
2.8

Number Of Repeats:
0

ATR3112C - Emergency Management of Athletic Trauma

General
Course Description
Prerequisite: ATR3102 and a declared major in Athletic Training
Description: Advanced study and application of emergency management techniques in dealing with trauma resulting from injuries and illnesses suffered by an athletic population.
Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
2.75

Lab Hours
Lab Hours Min:
0.25

Number Of Repeats:
0

ATR3512 - Athletic Training Administration

General
Course Description
Prerequisite: ATR3102 and declared major in Athletic Training.
Description: A study of the standards, policies and practices in the organization, supervision and administration of athletic training programs. Emphasis will be placed upon planning, developing, organizing and directing an athletic training program in a variety of sports medicine settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ATR4213C - Orthopedic and Injury Assessment II

General

Course Description
Prerequisite: ATR4212C
Description: The study and practice of techniques used when assessing athletic injuries to the lower extremity and spine.
Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ATR4312C - Therapeutic Exercise

General
Course Description
Prerequisite: HSC4612 and ATR4302C
Description: A study of clinical sports therapy techniques used in the rehabilitation and reconditioning of athletic injuries. Includes goniometry, manual muscle testing, therapeutic and resistance exercises and proprioceptive neuromuscular facilitation.
Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ATR4314 - Rehabilitation of Athletic Injuries

General
Course Description
Prerequisite: ATR4312C
Description: A study of the functional progressions and outcomes in the process of rehabilitating athletic injuries. Emphasis will be placed on rehabilitation goals and objectives as well as return participation criteria.
Course Fees: $11.50

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ATR4610 - Research in Sports Medicine

General
Course Description
Description: This course is a study of the research process and its applications to sports medicine. Emphasis will be given to the components of scientific research and a scientific research proposal. Evaluation and interpretation of current research reports and manuscripts in the field of sports medicine will also be covered.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ATR4880C - Athletic Training Clinical Experience

General
Course Description
Prerequisite: Permission of Athletic Training Program Director
Description: This course will be a clinical experience in an athletic training setting through direct supervision of a Board of Certification certified athletic trainer and lecture and laboratory sessions. The student will integrate and develop skills and techniques while providing health care to athletes and patients.
Repeatability: This course may be repeated up to 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
1

ATR4902 - Independent Study in Athletic Training

General
Course Description
Prerequisite: Permission of Athletic Training Program Director
Description: This course will be a specific research project of a sports medicine related topic with a supervising faculty member.
Repeatability: This course may be repeated up to 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

ATR4933 - Seminar in Athletic Training

General
Course Description
Prerequisites: ATR2000C, ATR3102 and declared major in Athletic Training. A study of the standards, policies and practices in the organization, supervision and administration of athletic training programs. Emphasis will be placed upon planning, developing, organizing and directing an athletic training program in a variety of sports medicine settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ATR5105C - Foundations in Athletic Training

General

Course Description
Description: Overview course to provide students with foundational information and skills necessary in the clinical practice of Athletic Training. Topics include acute care, risk management, orthopedic taping and bracing, and equipment fitting. Students will also learn the roles and responsibilities of a Certified Athletic Trainer and the sports medicine team. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ATR5119C - Emergency Management of Athletic Trauma

General

Course Description
Description: This course presents the advanced study and application of emergency management techniques in dealing with trauma resulting from injuries and illnesses suffered by a physically active population. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course Fees: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ATR5126C - Gross Anatomy for Athletic Trainers

General

Course Description
Description: This course provides an in depth examination of human anatomy, with an emphasis on musculoskeletal anatomy, through the use of human cadaveric specimens. This course includes 1 credit hour for lecture and 3 credit hours for lab.
Course Fees: $270

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
0

ATR5217C - Orthopedic Assessment and Diagnosis I

General

Course Description
Prerequisite: ATR 5126C and ATR 5105C
Description: The study and practice of techniques used when assessing orthopedic and athletic-related injuries to the lower extremity and lumbar spine. The student will integrate knowledge of anatomical structures, biomechanics, and evaluative techniques to form a basis for an initial treatment plan. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ATR5218C - Orthopedic Assessment and Diagnosis II

General
Course Description
Prerequisite: ATR 5126C, ATR 5105C and ATR 5217C
Description: The study and practice of techniques used when assessing orthopedic and athletic-related injuries to the upper extremity and cervical/thoracic spine. The student will integrate knowledge of anatomical structures, biomechanics, and evaluative techniques to form a basis for an initial treatment plan. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course Fee: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ATR5306C - Therapeutic Interventions I

General
Course Description
Prerequisite: ATR 5126C and ATR 5105C
Description: A study of current theory and operation of therapeutic modalities as they relate to the healing process and are used in the treatment of injuries in a physically active population. This course includes basic physics, physiological effects, indications, and contraindications for therapeutic modalities commonly utilized in the Athletic Training-sports medicine setting. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ATR5307C - Therapeutic Interventions II

General
Course Description
Prerequisite: ATR 5306C
Description: This course examines the theory and application of various contemporary methods of therapeutic exercise in the rehabilitation of injuries to the physically active population.
The student is introduced to manual therapy techniques and other primary components of comprehensive rehabilitation designs. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ATR5406C - Clinical Medicine

General
Course Description
Prerequisite: ATR 5126C
Description: This course provides an overview of the knowledge and skills that an athletic trainer must possess to recognize, treat, and refer when appropriate, general medical conditions and disabilities of athletes and others involved in physical activity. Pharmacology is included as it relates to general medical conditions and disabilities of physically active individuals. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ATR5815C - Clinical Integration I

General
Course Description
Prerequisite: ATR 5126C and ATR 5105C
Description: An introductory experience in an Athletic Training-sports medicine setting with follow-up seminars. Students will develop competence in foundational Athletic Training skills while providing care to physically active individuals under the direct supervision of a Certified Athletic Trainer. Additional clinical education experiences may be provided under the direct supervision of other licensed health care providers. This course includes 1 credit hour for lecture and 2 credit hours for lab.
Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ATR5825C - Clinical Integration II

General
Course Description
Prerequisite: ATR 5815C
Description: An intermediate clinical experience in an Athletic Training - sports medicine setting with follow-up seminars. Students will develop competence in mid-level Athletic Training skills while providing care to physically active individuals under the direct supervision of a Certified Athletic Trainer. Additional clinical education experiences may be provided under the direct supervision of other licensed health care providers. This course includes 1 credit hour for lecture and 2 credit hours for lab.
Course Fees: $35

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ATR6308C - Therapeutic Interventions III

General

Course Description
Prerequisites: ATR 5306C and ATR 5307C
Description: This course examines the implementation, functional progressions, and outcomes in the process of treating and rehabilitating injuries in a physically active population. The course focuses on the rehabilitation goals and objectives as well as return to participation criteria. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course Fee: $11.50

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ATR6505C - Seminar in Athletic Training

General

Course Description
Description: This course integrates prior Athletic Training coursework and clinical education experiences for the BOC Certification Exam. This course will also serve as a forum for discussion of current Athletic Training issues. This course includes 2 credit hours for lecture and 1 credit hour for lab.
Course Fee: $11.50

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ATR6516 - Athletic Training Administration

General

Course Description
Description: This course provides an overview of the necessary policies, procedures, maintenance, and daily operation of Athletic Training facilities. Emphasis will be placed on human resource, financial and information management, principles of facility design and planning, legal and ethical considerations, and professional development as it relates to Athletic Training.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ATR6617 - Research Methods

General

Course Description
Description: This course explores the process and methods of scientific inquiry and interpretation of research findings in Athletic Training. Students will gain familiarity with the major elements of research including literature review, design and methodology, statistical analysis, presentation of data, and ethical considerations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ATR6618 - Applied Research

General

Course Description
Prerequisite: ATR 6617
Description: This course is designed for students to complete a capstone research project that will produce a scholarly product that will contribute to the profession of Athletic Training and one's own personal endeavors.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ATR6835C - Clinical Integration III

General

Course Description
Prerequisite: ATR 5815C and ATR 5825C
Description: An advanced clinical experience in an Athletic Training - sports medicine setting with follow-up seminars. Students will integrate mid-level and advanced Athletic Training skills while providing care to physically active individuals under the direct supervision of a Certified Athletic Trainer. Additional clinical education experiences may be provided under the direct supervision of other licensed health care providers. This course includes 1 credit hour for lecture and 2 credit hours for lab.
Course Fee: $35

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

ATR6845C - Clinical Integration IV

General

Course Description
Prerequisite: ATR 5815C, ATR 5825C and ATR 6835C
Description: An advanced clinical experience in an Athletic Training - sports medicine setting with follow-up seminars. Students will integrate advanced Athletic Training skills while providing care to physically active individuals under the direct supervision of a Certified Athletic Trainer. Additional clinical education experiences may be provided under the direct supervision of other licensed health care providers. This course includes 1 credit hour for lecture and 2 credit hours for lab.
Course Fee: $35

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

ATR6907 - Independent Study in Athletic Training

General
Course Description
Description: This course is designed to provide the student with an opportunity to gain or enhance knowledge and/or skills in the field of athletic training. This course may be repeated up to 6 credits and is an optional elective for students.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

ATR6945L - Clinical-Decision Making I

General
Course Description
Prerequisite: ATR 5217C, ATR 5218C, ATR 5306C and ATR 5307C
Description: In this course students will apply knowledge in the areas of injury prevention, orthopedic assessment, and therapeutic interventions in the management of injuries among physically active individuals through the use of case studies and simulations.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ATR6946L - Clinical-Decision Making II

General
Course Description
Prerequisite: ATR 5119C, ATR 5406C, ATR 6515 and ATR 6945C
Description: In this course students will apply knowledge in the areas of clinical medicine, emergency care, health care administration, and evidence based practice in the athletic training setting through the use of case studies and simulations.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ATR6949C - Clinical Integration Experience

General

Course Description
Description: A clinical experience in an Athletic Training - sports medicine setting with follow-up seminars for students who may not complete the Clinical Integration courses in sequential manner (i.e. student athletes who cannot complete a Clinical Integration course due to in season sport requirements). Students will integrate Athletic Training skills while providing care to physically active individuals under the direct supervision of a Certified Athletic Trainer. Additional clinical education experiences may be provided under the direct supervision of other licensed health care providers. This course may be repeated up to 6 credits. This course includes 1 credit hour for lecture and 2 credit hours for lab.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
1

BCH3023 - Survey of Organic and Biological Chemistry

General

Course Description
Prerequisite: CHM 1025/1025L or CHM 2045/2045L
Co-requisite: BCH 3023L
Description: This course surveys the carbon chemistry of biological substances, the structure and function of biological molecules, and elementary metabolism. The course is designed to provide allied health majors with an overview of organic and biological chemistry as it relates to health and nutrition.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCH3023L - Survey of Organic and Biological Chemistry Laboratory

General

Course Description
Prerequisite: CHM 1025/1025L or CHM 2045/2045L
Co-requisite: BCH 3023
Description: This course examines the experimental methods related to the study of the carbon chemistry of biological substances, the structure and function of biological molecules, and elementary metabolism.
Course Fees: $59

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

BCH4024 - Molecular Biology and Biochemistry

General

Course Description
Prerequisite: PCB 3023C
Description: This course offers an introductory survey of the structure, functional properties, synthesis, and degradation of amino acids, proteins, carbohydrates, lipids, and nucleic acids.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCH4024L - Molecular Biology and Biochemistry Laboratory

General
Course Description
Prerequisite: PCB 3023C
Description: This laboratory course will introduce students to modern molecular biology and biochemistry techniques.
Course Fees: $71.93

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BCH4033 - Biochemistry I

General
Course Description
Prerequisites: BSC 1010C, CHM 2211, and CHM 2211L
Description: This course examines fundamental biochemistry concepts including the properties of proteins, nucleotides, carbohydrates, and enzymes. This class also explores how these molecules interact in various pathways to promote biological processes and sustain life, as well as experimental techniques used to study these molecules.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCH4033L - Biochemistry I Lab

General
Course Description
Prerequisite: CHM 3120L
Co-requisite: BCH 4033
Description: This laboratory course is an introduction to biochemical properties of biological systems and basic biochemistry/molecular biology procedures.
Course Fees: $59

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BCH4034 - Biochemistry II

General

Course Description
Prerequisite: BCH 4033
Description: This course examines the degradation and biosynthesis of lipids and amino acids, which are metabolic pathways not covered in BCH4033. In addition, the course will examine nucleic acid chemistry, including DNA replication, transcription, recombinant DNA technology and related topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

BCH4034L - Biochemistry II Laboratory

General
Course Description
Prerequisite: BCH 4033LCo-requisite: BCH 4034Description: Students will learn modern techniques used in experimental biochemistry and molecular biology. Experiments include solid-phase peptide synthesis, polymerase chain reaction, DNA cloning, electrophoresis, protein detection by immunoblotting, and a lesson in proteomics. These experiments will rely heavily on the use of liquid chromatography mass spectrometry (LC-MS) for analysis.Course Fees: $59

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

BCH4340 - Chemical Biology

General
Course Description
Prerequisite: BCH4033 or BCH4024
Description: Students will explore relationships between the chemical properties of organic molecules and their biological functions and gain an understanding of the utility of chemical tools in addressing biological questions. Course concepts will be developed through contemporary examples in areas including drug design, metabolomics, and genetic engineering.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCH5418 - Advanced Molecular Biology and Biochemistry

General
Course Description
Co-requisite: BCH 5418L
Description: This course offers an advanced survey of the structure, functional properties, synthesis, and degradation of amino acids, proteins, carbohydrates, lipids, and nucleic acids. Primary literature will also be presented and critically evaluated.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCH5418L - Advanced Molecular Biology and Biochemistry Laboratory

General

Course Description
Co-requisite: BCH 5418
Description: This laboratory-based course is designed as a hands-on experience to introduce students to modern molecular biology and biochemistry techniques and to hone their abilities to gather, organize, report, and interpret data. This course offers an advanced survey of the structure, functional properties, synthesis, and degradation of amino acids, proteins, carbohydrates, lipids, and nucleic acids.
Course Fees: $71.93

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

BCN1005C - Introduction to Construction Management

General

Course Description
Description: This course will provide students with an introduction to the construction industry. The course will include instruction in the business aspects of running a construction project, communication methods in construction, career planning and job searching skills, project management protocols, research methods, ethical issues in construction, job site conduct protocol and other attributes of working in the construction industry.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

BCN1210C - Construction Materials

General

Course Description
Prerequisite: Declared Building Construction majors only
Co-requisite: MAC2233 and PHY2053
Description: This course offers an introduction to the economic, mechanical, non-mechanical, production, and aesthetic considerations of materials currently used in construction in accordance with the 16 sections of the Construction Specifications Institute (CSI) Masterformat. Students interact with local designers and builders to examine and document the consequences of material specification and selection.
Course Fees: $35

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

BCN1251 - Construction Drawing

General

Course Description
This course provides a basic knowledge on how to create and read building construction and architectural drawings. Topics include hand sketching, scaling of drawings, basic construction abbreviations and the extraction of information from construction drawings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN2280C - Surveying: Construction Layout

General
Course Description
Prerequisite: MAC1105 and MAC1114 or MAC1147
Description: This course provides the student with an introductory knowledge of construction surveying and construction layout, with field and classroom exercises.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BCN2405 - Introduction to Structures

General
Course Description
Prerequisites: PHY 2053 and PHY 2053L
Description: An introductory course in the evaluation of structural behavior as it relates to buildings, the properties of structural materials and the structural behavior of load resisting members.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN3012 - History and Introduction to Construction

General
Course Description
An analysis of the cultural context of construction, emphasizing its centrality in the evolution and expansion of the built environments as expressions of ethical and aesthetic value systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN3223C - Soils and Foundations

General
Course Description
Prerequisites: BCN1210C, BCN1251, and BCN2405
Description: This course covers construction operations and production processes associated with soils, demolition, foundations, concrete mix design, and earth moving equipment. The course also includes field visits, soil and concrete laboratories.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BCN3224 - Construction Techniques

General
Course Description
Prerequisites: BCN1210C, BCN1251, and BCN2405
Description: Study of the vertical construction process to include wooden platform frame construction, cast-in-place and pre-cast concrete construction, and steel erection. Included are interior and exterior finishes, vertical transportation systems, roofing, and other building components.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN3578 - Maritime Construction

General
Course Description
Prerequisite: All BCN program prerequisites
Description: This course covers the principles of construction in a maritime environment. Areas of interest include ecological aspects of maritime construction including environmental permitting, geotechnical aspects of maritime construction, marine and offshore equipment and techniques, construction in ports and harbors.
Availability: One semester per year.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN3611C - Construction Cost Estimating

General
Course Description
Prerequisites: BCN1251, BCN1210C, and BCN3782C
This course covers principles and practices in making quantity surveys and labor estimates for construction projects. (Basic Estimating in Residential, Commercial and Heavy Civil)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BCN3762 - Building Construction Design and Codes

General

Course Description
Prerequisites: BCN1210C, BCN1251, and BCN2405
Description: Exploration of building design and construction that conform to federal, state, county, and municipal codes, as well as the authority and responsibility vested in the several agencies. Research of the standard building codes required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCN3782C - Introduction to Construction Computing

General

Course Description
Prerequisite: BCN1251 and CGS1100
Description: This course covers the study of application computer programs employed in the construction industry. Areas of study include the Internet, construction scheduling, construction cost estimating and construction drawing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

BCN4240 - Construction Equipment

General

Course Description
Prerequisite: BCN1210C, BCN1251, BCN2405, and ACG2071
Students in this course explore heavy construction equipment, construction methods, equipment productivity analysis, equipment selections, and scheduling and administration of heavy civil projects. Topics of the class will include: fundamental concepts of equipment economics, planning for earthwork construction, soil and rock, compaction and Stabilization Equipment, machine equipment power requirements, dozers, scrapers, excavators, trucks and hauling equipment, finishing equipment and cranes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCN4302 - Building Information Modeling

General

Course Description
Prerequisite: BCN1251 and BCN3782C
Description: This course will focus on design integration in the construction process. Topics will include but not be limited to: BIM execution plan, creating a BIM model, group collaboration tools, clash detection, 4D, 5D, and 6D applications with BIM, and MEP placement in buildings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCN4431 - Structural Systems

General

Course Description
Prerequisite: BCN2405, BCN1210C AND BCN1251A study of the structural systems: beams, columns, rigid frames, arches, trusses, enclosures, and foundation configuration methods used in construction. Included are the advantages and limitations of using each structural system, and each materials selection.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

BCN4587C - Green Construction and Sustainability

General

Course Description
Prerequisites: BCN1210C, BCN1251, and BCN2405
Description: This course will examine topics in the field of Green Construction and Sustainable Construction. Topics covered will include the environmental impact of land development, minimization of the negative environmental impacts of construction, and resource utilization. Additional topics to be examined, current building assessment systems, the green building process, ecological design of buildings, green building materials, high performance buildings, building operations and commissioning, ethics in sustainable construction, alternative energy systems, water conservation, and current trends in sustainable construction.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

BCN4591C - Mechanical and Electrical Systems

General

Course Description
Prerequisites: BCN2405, BCN1210C and BCN1251Description: This course introduces students to the principles and current practices in application of mechanical & electrical system as described in divisions 14 (conveying equipment), 15 (mechanical systems), and 16 (electrical systems) in the Construction Specifications Institute (CSI). Course Fees: $35

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

BCN4612 - Advanced Construction Estimating

General

Course Description
Prerequisite: BCN 3611C
Description: Advanced techniques for estimating building construction. This course includes direct and indirect cost analysis for complicated construction systems; preparation of bid proposals, specifications, and other related documents. Students will be required to do projects using Excel spreadsheets.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCN4708 - Construction Documents and Contracts

General

Course Description
Prerequisites: BCN1210C, BCN1251, BCN2405 and BUL3130
Description: A study of the legal and protective documentation used in the construction field. These documents include contracts, specifications, insurance and bonds. The course also covers risk and contingency evaluation, bidding procedures and other general office operations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCN4709 - Construction Project Management Capstone

General

Course Description
Co-requisite: BCN 4612Prerequisite: BCN3611C, BCN4720, BCN3782, BCN2405 and BCN4708 and senior standing. Description: This course is a senior capstone experience, providing an opportunity for students to control and coordinate construction projects and personnel in a service-learning environment. Students will apply their knowledge and skills in strategic bidding and estimating, ethical conduct, project delivery methods, value engineering, design/build, and customer relations and communication.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCN4711 - Construction Labor Resources

General

Course Description
This course covers the fundamentals of construction labor markets, focusing on the methods of sourcing labor in general contracting firms and evaluating the way trade partnerships are forged externally with subcontractors, suppliers, and professional consultants. Students will research and report on current labor trends. The principles of negotiation will be emphasized.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN4713 - International Construction

General
Course Description
This course covers the problems and issues arising from the project when construction firms conduct business in the international market. Students study major issues and practices in international construction and this course prepares students to be capable of managing complex construction operations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN4720 - Construction Project Planning and Scheduling

General
Course Description
Prerequisites: BCN3782CDescription: The application of the critical path method and program evaluation review technique to construction planning, scheduled vs. actual job expenditures, cost forecasting, development of unit prices from field data.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN4730 - Construction Safety

General
Course Description
Prerequisites: BCN1210C, BCN1251, and BCN2405
Description: This course will examine topics in construction safety and human factors in construction. Topics covered will include: current construction safety issues and concerns, safety requirements and procedures, accident causation theories, ethics in safety, workers compensation law, accident reporting, handling stress in the workplace, preventing violence in the workplace, safety programs and policies and promoting and enforcing safety on the jobsite. Additional topics will include: ethics in management, human behavior in the workplace, leadership, management of jobsite personnel, stress management on the jobsite and preventing violence in the workforce and diversity in the workplace. The OSHA course for 30 hour construction training will also be included in this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN4751C - Housing and Land Development

General
Course Description
Prerequisites: BCN1251 and BCN3782C
This course in an elective class for students preparing for careers in residential construction. Students learn a broad perspective of the technical knowledge and skills or methods related to residential construction projects. This course prepares students to apply the latest in residential construction technologies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BCN4753 - Construction Finance and Cost Controls

General
Course Description
Prerequisite: BCN1251, CGS1100, and ACG2071
Description: Students in this course examine the financial environment of a contracting company. They study the financial impact of decisions made at all levels in the contracting firm including comparative cost analysis. Students also analyze the process, practice, and theory of cost controls. Students compare financial and cost control management techniques and the effect of these practices on the firm in relation to profit, profit margin, cash flow, bidding, capital equipment, procurement practices and budgeting. The course also covers the nature of construction costs, funding sources and arrangements, and capital requirements.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

BCN4758 - Advanced Residential Construction

General
Course Description
Prerequisite: BCN 4751C
Description: This is the second course in a two-course elective track for students preparing for careers in Residential Construction. Advanced Residential construction process and topics regarding the
build environment will be covered.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN4870C - Heavy Civil Construction

General
Course Description
Prerequisites: BCN 3223, BCN 3611C
This is the first course in a two-course elective track for students preparing for careers in heavy civil construction. Students learn a broad perspective of the technical knowledge and skill or methods related to heavy civil construction projects, including bridges, highways, tunnels, pump stations, dams and underground utilities. This course prepares students to apply the latest heavy civil construction technologies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BCN4900 - Directed Individual Study

General

Course Description
This course provides BCM students the opportunity to study advanced construction topics, experience an international trip to study other culture's buildings and construction methods or participate in a BCM applied research program.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
3

BCN4930 - Special Topics in Construction Management

General

Course Description
Description: Special courses covering selected construction management topics. Repeatability: May be repeated for up to six credits with different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

BCN4944 - Construction Management Internship

General

Course Description
Prerequisite: Permission of instructor. Description: Students must apply to internship at least one month prior to the semester they will register for internship. The course is designed as a culminating experience in construction management, this course allows the student an opportunity to practice acquired knowledge under careful observation and in cooperation with an experienced construction manager.Repeatability: This course can be repeated up to 6 credit hours.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

- Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
2

BCN4956 - Study Abroad in Construction Management

General

Course Description
Prerequisite: Permission of the instructor Students will study a country's construction practices, with a particular emphasis on the specific interest of the class. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the difference between construction in the U.S. and construction in that country; and learn about the current issues facing that nation and the state of the construction industry. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work. May be repeated up to 9 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

BCN5036 - Research Methods in Construction

General

Course Description
Description: To familiarize the student with the research proposal development process and the statistical, computational, visualization and presentation tools available to the researcher. For the first half of the term, the course will run parallel to the organization of a research proposal, a research paper, or a research report.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

BCN5725 - Construction Project Management

General

Course Description
Description: Students will study the construction management process including the following topics: Estimating, Scheduling, Safety, Quality Control, Project Delivery and Risk Management. This course is designed for students without an undergrad degree in CM.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

BCN5737 - Advanced Issues in Construction Safety and Health

General

Course Description
Description: Students will study current construction safety and health issues and analyze ways to prevent them on construction sites.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

BCN6305 - Building Information Modeling

General

Course Description
Description: Students will study advanced topics in Building Information Modeling (BIM) design and apply this knowledge to deliver a BIM model including enhanced communication tools and other advanced features.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

BCN6315 - Advanced Construction Technology

General
Course Description
Description: Students will learn how to utilize advanced technologies for construction project management. These technologies include: virtual reality, augmented reality, drone application communication and collaboration technologies and tracking technologies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

BCN6470 - Production Management in Construction

General
Course Description
Description: Students will study the design and construction process working to understand how improvements can be made by creating performance metrics to evaluate performance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

BCN6585 - Sustainability in Construction

General
Course Description
Description: Students will discuss sustainability principles applied to planning, design, operation, renovation, and demolition of construction projects. The course will place an emphasis on limiting the impacts of construction, economically and environmentally.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

BCN6595 - Environmental Issues in Land Development and Construction

General
Course Description
This course provides an introduction to the natural, economic, political, and legal issues related to the environment that may affect land development and construction management. Topics include: issues related to sustainable development, environmental impact of land development and construction, the historical context for land use planning and environmental regulation, specific regulations affecting developers and construction managers, the process and

players involved in the environmental review of developments, and practical and modern methods for construction managers to prevent or minimize the negative impacts of construction and land development.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN6618 - Construction Estimating

General
Course Description
This course is designed for graduate students. Students learn conceptual cost estimating and detailed construction cost estimating skills, such as quantity take-off, measurement, and cost pricing. They also understand and evaluate construction cost control analysis methods. The course learning objective includes creating construction cost proposals as a part of a bid package.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN6715 - Construction Labor Resources

General
Course Description
Prerequisites: ECO6060: Economic Analysis
Description: This course covers advanced principles and practices of labor in the construction industry. Students will focus on productivity, labor supply and demand, wage determination and compensation, labor mobility, labor diversity, unemployment, and unions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

BCN6728 - Construction Planning and Scheduling

General
Course Description
Prerequisite: BCN 1252, BCN 3611. This course introduces the fundamentals and techniques of scheduling and planning for construction projects. Topics include probabilistic scheduling, critical path method (CPM) using both arrow and precedence networks, CPM calculation methods, cost-time trade-off, PERT, resource leveling, and updating schedules during construction. Students will also be introduced to Internet based scheduling application software.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BCN6748 - Construction Law

General

Course Description
Prerequisite: BCN 4708, BCN 4709. This course introduces the principles and practices of contract documents and construction management. Different contract delivery systems relative to construction administration and law applications are covered. Other topics include project operations relative to contract administration and alternative dispute management processes. A case study synthesizing the course topics is included.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCN6763 - Constructability

General

Course Description
Description: Students will study the recurrence factor, standardization and variation reduction of a construction project to understand if it is economically sound and technically feasible. Students will analyze constructability at each of the different phases of the project.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

BCN6770 - Advanced Topics in Construction Management

General

Course Description
Prerequisite: MBA Student standing and permission of the instructor
Description: This course involves the study of different topics not covered in the construction concentration classes that will augment the knowledge of construction for the student. The specific topic will be specified before the student enrolls in the course and will be agreed upon by the instructor and the student.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BCN6900 - Directed Independent Studies

General

Course Description
Description: Students will study advanced topics in Construction Management with agreement from a supervising faculty member.
Repeatability: This course may be repeated to a maximum of 6 credit hours with different course content.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

BCN6933 - Special Topics in Construction Management

General

Course Description
Description: This course will consist of an in-depth study of construction management.
Repeatability: This course may be repeated to a maximum of 6 credit hours under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

BCN6949 - Construction Management Practicum

General

Course Description
Prerequisite: BCN 6728 and BCN 6748 and permission of the instructor.
Description: This course is designed to allow students the opportunity to practice acquired knowledge under careful observation of the instructor and the supervision of a professional construction manager. Students must have the practicum vetted prior to registering for the course to insure validity and the practical application to the construction industry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

BCN6970 - Masters Thesis Research

General

Course Description
Prerequisite: Rough draft of thesis completed.
Description: Students will gain research credit for a master’s thesis delivery. This course is required for the thesis option. Students must take 6 credit hours total and must be done in in the student's final term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

BME4211 - Mechanics of the Human Body

General

Course Description
Prerequisites: EGN3331, EGN3321, and EGN3203
Description: This course introduces students to the field of biomechanical engineering. Students will be expected to learn the anatomy of the human body, how to apply statics and dynamics to the analysis of events involving the human body, and how to design safe/ergonomic work tasks. The concepts of injury mechanisms, injury tolerance thresholds/criteria, and injury prevention will be introduced. The course will conclude with advanced topics regarding the mechanical analysis of biological tissues, such as viscoelasticity, asymmetric/ composite beam theory, hertzian contact, and beam-on-elastic-foundation theory.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BME4212 - Movement Analysis in Biomechanics

General

Course Description
Prerequisite: EGN3321
Description: Students are introduced to musculoskeletal biomechanics and analysis of human movement. Students will learn how muscles, bones, and joints work together as a mechanical system to produce movement and how computational and experimental methods are used to evaluate that movement.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BME4745C - Modeling in Biomechanics

General

Course Description
Prerequisite: EML3535C
Description: This course introduces students to specialized software designed for converting Computed Tomography (CT) data into detailed 3D anatomical models. Students will refine these models for enhanced visualization, analysis, and medical decision-making. The course also covers Finite Element Modeling (FEM) applications, force modeling techniques, and reverse engineering techniques. The course will have a significant focus on project-based learning. Skills gained can be applied in biomechanics and broader applications in mechanical engineering.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

BME4910C - Research in Biomechanics

General

Course Description
Prerequisite: EML4507C
Description: This course covers the fundamentals of biomechanics (with an emphasis on orthopedic biomechanics) and research methods including literature review, library resources, experimental design, and experimental and analytical techniques used in biomechanics research. Students will identify a biomechanics research problem, conduct literature review on the subject, and design and conduct an experiment.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT2010C - Botany

General
Course Description
Prerequisite: BSC 1010C. This course is a study of plant anatomy, morphology, physiology, and diversity. There will be three credits lecture and one credit (3 hours) of laboratory in the course. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT3151C - Local Flora

General
Course Description
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2012C. Study of the morphological features of vascular plants and practice in identification of plants. Elementary ecology of principle types of plant communities of Northeast Florida. Emphasis on native plants. Three hours lecture, two hours laboratory, two hours field work. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT3712C - Plant Systematics and Evolution

General
Course Description
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2012C. In this course students will study plant evolution, classification, and identification. Plant species concepts and breeding systems will also be studied. Comparisons will be made between traditional methods of classification and the more modern methods that utilize molecular biology and numerical taxonomy. There will be three credits lecture and one credit (4 hours) laboratory in this course. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT4404 - Marine Botany

General
Course Description
Pre-Requisite: BSC3263 OR PCB3043C
Description: This course is designed to introduce students to marine plants in the pelagic open-ocean and coastal environments. Primary focus will be on the ecology, biochemistry, physiology, and life history strategies of both phytoplankton and benthic marine algal communities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BOT4404C - Marine Botany

General
Course Description
Prerequisite: BSC 2012C
This course is designed to introduce students to marine plants in the pelagic open-ocean and coastal environments. Primary focus will be on the ecology, biochemistry, physiology, and life history strategies of both phytoplankton and benthic marine algal communities. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT4404L - Marine Botany Lab

General
Course Description
Prerequisites: BSC3262 OR PCB3043C Description: This course is designed to introduce students to laboratory techniques associated with the biology of marine plants and algae.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT4503C - Plant Anatomy and Physiology

General
Course Description
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2012C. This course will investigate the anatomy, physiology and major biochemical pathways of the higher plants. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT5186 - Advanced Marine Botany

General
Course Description
This course is designed to introduce students to marine plants in the pelagic open-ocean and coastal environments. Primary focus will be on the ecology, biochemistry, physiology, and life history strategies of both phytoplankton and benthic marine algal communities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BOT5186C - Advanced Marine Botany

General
Course Description
This course is designed to offer students an in depth study of marine plants in the pelagic open-ocean and coastal environments. Primary focus will be on the ecology, biochemistry, physiology, and life history strategies of both phytoplankton and benthic marine algal communities. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT5186L - Advanced Marine Botany Lab

General
Course Description
This course is designed to introduce students to laboratory techniques associated with the biology of marine plants and algae.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BOT5585C - Advanced Plant Anatomy and Physiology

General

Course Description
Description: This course will provide a critical review of the anatomy, physiology, and diversity of vascular plants, and their interaction with the environment.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BSC1005 - Principles of Biology

General
Course Description
Co-requisite: BSC1005L
Description: This course applies the scientific method to critically examine and explain the natural world including but not limited to cells, organisms, genetics, evolution, ecology, and behavior.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BSC1005L - Principles of Biology Lab

General
Course Description
Co-requisite: BSC 1005
Description: The laboratory component of this course provides students with an overview of the major topics within biology. It is designed to evoke interest, curiosity, and enthusiasm for biology. During this course students will learn to use the scientific method and common lab procedures in order to perform biological investigations. Laboratory assignments and quizzes will be used to evaluate students' understanding of biological processes, laboratory techniques, and concepts presented within the laboratory.
Course Fees: $51.93

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BSC1010C - General Biology I

General
Course Description
Description: In this course, students will apply the scientific method to critically examine and explain the natural world. This course will cover molecular biology, cellular biology, genetics, metabolism, and replication.
Fees: A laboratory fee of $51.93 will be assessed.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BSC1011C - General Biology II

General
Course Description
Prerequisite: BSC 1010C or equivalent. This course examines the evidence for evolution by common descent, the mechanisms of biological change, and the diversity, phylogenetic classification, anatomy, and physiology of organisms from microbes to plants. There will be three hours or lecture and one hours of laboratory in this course.(A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BSC1930 - Current Applications in Biology

General
Course Description
In this course biological principles and research are applied to modern life. Topics will vary from semester to semester.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

BSC1934 - Introduction to Majors in the Biological Sciences

General
Course Description
This course is intended for first year biology majors at UNF and for students who are considering majoring in biology. You will learn about the biology department and the programs and resources we offer. This course will outline what it will take to be successful in one of the most demanding majors on campus. This course will introduce relevant university and department policies and explain how they relate to student success. You will learn about the professors in our department, the research they conduct, and the courses they teach. Lastly, you will obtain advice on your choices for coursework and plans for the future including research, internship, graduate-school planning and career opportunities.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

BSC2012C - General Biology III

General
Course Description
Prerequisites: BSC1010C, BSC1011C, CHM2046 and CHM2046L
This course is designed to introduce students to the diversity and evolution of fungi and animals and the anatomy and physiology of representative taxa. During this course we will look at the tremendous biodiversity that results from the basic building blocks described in General Biology I and II. We will conduct an overview of the major groups of fungi and animals, focusing on unique adaptations and evolutionary origin. We will then examine the development of organs and organ systems in representative groups to provide a comparative view of animal anatomy and physiology. The laboratory involves experimentation with living animals and/or dissection of preserved animals. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BSC2085C - Human Anatomy and Physiology I

General
Course Description
Prerequisite: BSC 1010C.
Description: This course is the first part of a two-semester sequence in which students examine human anatomy and physiology through a systems approach based on the interaction between form and function, from the microscopic components of cells and tissues to the organismal level. Emphasis is placed on histology and the integumentary, skeletal, muscular, and nervous systems.
Fees: A course fee of $51.93 will be assessed.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BSC2086C - Human Anatomy and Physiology II

General
Course Description
Prerequisite: BSC 2085C.
Description:This course is a continuation of BSC 2085C. The course includes units concerning the cardiovascular and respiratory systems, lymphatic and immune systems, digestion and metabolism, the urinary system and fluid and electrolyte balance, and reproduction and development. The laboratory involves dissection of preserved animals. (A course fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

BSC2932 - Pre-Medical Preparation Seminar

General

Course Description
Description: Pre-Med Seminar is a one unit course that provides an introduction to the biomedical professions by incorporating a range of experiences, including research presentations, guidance in developing effective study habits and time management, discussions with local physicians and other biomedical professionals, information on volunteer experiences, introduction to university clubs and activities. In addition, students will read selected books, short stories, and case studies relevant to the medical field and participate in class discussions focused on the assignments.
Repeatability: This course may be repeated for a maximum of four credits.
Availability: Every semester

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
3

BSC3052 - Conservation Biology

General

Course Description
Prerequisite: BSC 1010C, BSC 1011C, BSC 2012C. This course will investigate the major causes responsible for declining global biodiversity and its implications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BSC3057 - Introduction to Environmental Studies

General

Course Description
This course represents the core foundation course for the interdisciplinary Environmental Studies minor. Topics cover a broad range of environmental issues in order to lay the foundation for the understanding of complex environmental issues and the interactions between human behavior, technology, and the natural environment. Course content provides an introduction to issues of biodiversity, appreciating human impact, principles of sustainability, biotechnology, resource conservation, legal and policy issues, ethics, and ecopsychology. (This course cannot be used by biology majors to satisfy degree requirements.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BSC3263 - Marine Biology

General

Course Description
Prerequisites: BSC 1010C, BSC 1011C, BSC 2012C. This course will offer an introduction to living in a marine environment, and will focus on the delivery and special adaptations of marine fauna. The various marine ecosystems will also be discussed, and human impacts on marine systems will also be covered. This course is aimed at the biology majors who wish to learn more about organismal diversity and adaptation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BSC3842 - Writing and Analytical Skills in Biology

General

Course Description
Co-requisite: BSC 2012C
Description: This course is designed to prepare students to take Senior Seminar Practicum by having them explore potential topics of independent research (field, laboratory or library based). Students will learn how to conduct extensive literature reviews and be trained in various modes of written and oral scientific communication. Professional development training in the form of development of a curriculum vitae and discussion of application to graduate and professional schools will also be included.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

BSC3845 - Scientific Illustration

General

Course Description
Prerequisite: BSC2012CDescription: This course is designed to introduce science students to the field of scientific illustration. As scientists it is important to convey information to other scientists and the public in a way that is concise and clear. Imagery is a helpful tool to convey complex information. In this class we will examine the history of natural science illustration and its current use in various fields of science. Students will learn how to apply techniques of artists and graphic designers to produce their own figures to accompany scientific presentations and publications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BSC3943 - Internship in Applied Biology

General

Course Description
Prerequisite: Permission of instructorDescription: Students, supervised by faculty, will intern for companies, agencies or other organizations in an area that reflects their career interests. Repeatability: This course may be repeated for up to eight credits but only four credits may be used in the major elective area. Each credit hour will equal at least four hours per week of internship activity throughout the semester.

Credit Hours

Credit Hours:
0

Credit Hours Max:
8

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
8

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
0

Billing Hours Max:
8

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
8

Other Hours Operator:
TO

Number Of Repeats:
15

BSC4022 - Biology of Aging

General

Course Description
Prerequisite: PCB3023C OR PBC4713C
Description: This course will offer students an understanding of why aging occurs and the mechanisms by which aging occurs. A combination of lecture and discussion of primary papers will be used. Students will be introduced to studies using simple experimental models to approach the underlying cellular bases for age-related deterioration. In particular, the roles of mitochondria, chromosomes, nutrient signaling, and reproduction will be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BSC4054 - Environmental Toxicology

General

Course Description
Prerequisites: CHM 2045C, CHM 2046C, BSC 1010C, BSC 1011C, and BSC 2012C. This course involves the study of toxic substances occurring in both man-made and natural environments. Subjects discussed in Environmental Toxicology will range from the effects of environmental toxins on individual organisms to global implications of the toxicology of widely used organic and inorganic pollutants.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BSC4434C - Introduction to Bioinformatics

General

Course Description
Prerequisite: PCB3023CDescription: Bioinformatics is an interdisciplinary science that uses computational tools to solve biological problems. High throughput “omics” technologies have generated large volumes of biological data, making computational tools indispensable for data analysis and use in biomedical and biotechnological fields. These tools are designed and used by cross-disciplinary teams of computational scientists and domain experts in biological topics. We will emphasize these teams during the laboratory sessions by distributing CIS and BSC students across coding teams, depending on the distribution of students enrolled from the multiple disciplines. Because it can be difficult or uncomfortable to learn aspects of an entirely new field, pre-requisites ensure that students enter the class with a strong academic performance in their respective major fields.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

BSC4801C - Animal Physiology

General

Course Description
Prerequisite: BSC2012C and PCB3023CDescription: This course focuses on the functional activities and interactions of cells, tissues and organs across the Animal Kingdom. Emphasis will be given to different mechanisms that animals use to tolerate environmental extremes and how different animal groups solve similar challenges. The course includes three hours of lecture and four hours of laboratory. The laboratory involves experimentation with living animals and/or dissection of preserved animals. Course fee: $51.93Availability: Offered every fall

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

BSC4870 - Biological Basis of Pharmacology

General
Course Description
Prerequisites: PCB 4713C or BSC 2086C
This course focuses on the biological mechanisms of drug absorption, distribution, metabolism, excretion, and mechanisms of action with an emphasis on cellular responses to drugs. Students will learn the basic mathematical principles of pharmacokinetics and receptor binding as well as the relationship between drug concentration and effects. The mechanisms of action and side effects of the major classes of drugs will be covered as well as background information on the pathological conditions they treat.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

BSC4905 - Directed Independent Study in Biology

General
Course Description
Prerequisite: Permission of instructor. Students will participate in a research investigation under the supervision of an instructor. One credit hour will require a minimum of 4 hours of research activity per week, although specific time requirements will vary with the instructor. This course may be repeated for a total of 9 credits.

Credit Hours
Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
8

BSC4921 - Biology Lecture Series

General
Course Description
This course allows undergraduate students to explore current areas of biological research by listening to scientific lectures. Seminar topics will vary on a weekly basis and will be given by guest lecturers or UNF faculty. Topics covered may include cell biology, genetics, evolution, ecology, and conservation biology.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)

● - Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
1

BSC4930 - Selected Topics in Biology

General

Course Description
Prerequisite: Permission of instructor. This course deals with various recent advances in biology. May be repeated for a total of 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
5

BSC4940 - UNF-Jacksonville Zoo and Gardens Animal Behavior Research Internship

General

Course Description
Prerequisite: BSC1010CDescription: Students will conduct animal behavior research under the advisement of Jacksonville Zoo and Gardens research staff. Animal Wellness and Research at Jacksonville Zoo and Gardens include those in the fields of animal behavior, aging, comparative psychology, ethology, and zoology.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
11

BSC4941 - Mayo Clinic Biomedical Research Internship

General

Course Description
Prerequisites: BSC 1010CDescription: Students will gain research training in a basic science laboratory at the Mayo Clinic Florida under the direction of a scientist at that institution. The techniques used in the basic science laboratories at the Mayo Clinic Florida include those within the fields of molecular and cell biology, genetics, and biochemistry. The completion of additional upper-level courses related to the fields of research is recommended but not required.Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
8

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
8

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
0

Billing Hours Max:
8

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
8

Other Hours Operator:
TO

Number Of Repeats:
23

BSC4947 - Senior Seminar Practicum

General

Course Description
Prerequisites: BSC3842 and permission of instructor.Description: Senior Seminar Practicum is a capstone course to be taken in the final year of the Bachelor's degree. It is the successional course to BSC3942 Writing and Analytical Skills in Biology. In this course students will conduct independent research (field, lab, or library based) and present this research in both a written and an oral format.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

BSC5028 - Advanced Biology of Aging

General

Course Description
Prerequisite: PCB 4713C
Description: This course will give students an in-depth comprehension of why aging occurs and the mechanisms by which aging occurs. A combination of lecture and discussion of primary papers will be used. Focus will be on studies using simple experimental models to approach the underlying cellular bases for age-related deterioration. In particular, the roles of mitochondria, chromosomes, nutrient signaling, and reproduction will be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BSC5429C - Advanced Bioinformatics

General

Course Description
This course is an interdisciplinary science that uses computational tools to solve biological problems. High throughput “omics” technologies have generated large volumes of biological data, making computational tools indispensable for data analysis and use in biomedical and biotechnological fields. These tools are designed and used by cross-disciplinary teams of computational scientists and domain experts in biological topics. We will emphasize these teams during the laboratory sessions by distributing CIS and BSC students across coding teams, depending on the distribution of students enrolled from the multiple disciplines. Because it can be difficult or uncomfortable to learn aspects of an entirely new field, students are expected to have some previous experience in molecular and cell biology courses or experience in computational science and data systems.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

- Billing Hours Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

BSC5872 - Advanced Biological Pharmacology

General

Course Description
This course focuses on the biological mechanisms of drug absorption, distribution, metabolism, excretion, and mechanisms of action with an emphasis on cellular responses to drugs. Students will learn the basic mathematical principles of pharmacokinetics and receptor binding as well as the relationship between drug concentration and effects. The mechanisms of action and side effects of the major classes of drugs will be covered as well as background information on the pathological conditions they treat. Students will review relevant journal articles from a peer reviewed pharmacological journal and lead class discussion.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BSC5905 - Directed Independent Study: Biology

General

Course Description
Prerequisite: Permission of instructor. Participation in a research investigation under the supervision of the instructor. May be repeated for credit.

Credit Hours

Credit Hours:
2

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
2

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
2

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
2

BSC5930 - Biology Seminar

General

Course Description
This course consists of a lecture series by experts from a wide range of biological disciplines that students attend.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
3

BSC5936 - Selected Topics in Biology

General

Course Description
Prerequisite: Permission of instructor. Introductory graduate-level course in biology. May be repeated for credit.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours
Operator:
TO

Number Of Repeats:
4

BSC6840 - Critical Skills in Science

General

Course Description
Description: The purpose of this course is to provide graduate Biology students with advanced training in the critical skills necessary for becoming a professional biologist. This includes skills in grant writing and peer review, oral and public presentation of scientific research, research ethics, manuscript preparation, public outreach, and the development of materials needed for the scientific job search.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

BSC6917 - Advanced Graduate Research

General

Course Description
Description: Students will conduct directed independent research under the advisement of their graduate advisor and committee. This research may be in the form of hands-on techniques in a laboratory setting, using computer modeling, or literature-based research.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours
Operator:
TO

Number Of Repeats:
13

BSC6931 - Advanced Readings in Biology

General

Course Description
Prerequisite: Permission of instructor. This course will focus on in-depth reading and discussion of primary literature in biology. Before the course, the instructor will be responsible for advertising the sub-discipline in biology on which the course will focus. The exact papers to be read will depend on the interests of the instructor and the students. The readings will be a series of papers on a single topic for several weeks, so that the conversation on the topic continues from meeting to meeting.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours
Operator:
TO

Number Of Repeats:
2

BSC6941 - Mayo Clinic Graduate Biomedical Research Internship

General

Course Description
Description: Students will gain research training in a biomedical science laboratory at the Mayo Clinic Florida under the direction of a scientist at that institution.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours
Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours
Operator:
TO

Number Of Repeats:
13

BSC6948 - Graduate Internship in Biomedical Science

General

Course Description
Description: Students will conduct directed independent research through an off-campus internship. Said internship will be approved by the faculty of the Biology department. This research may be in the form of hands-on techniques in a laboratory setting, using computer modeling, or literature-based research.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours
Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours
Operator:
TO

Number Of Repeats:
13

BSC6971 - Graduate Thesis Defense

General

Course Description
Prerequisite: Permission of instructor. Graduate students in biology must take this course during their final semester in the program. Students must complete the written portion of their thesis and provide a public oral defense. It is required for partial fulfillment of the graduate degree in biology.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Other Hours

Other Hours Min:
1

BSC6972 - Graduate Thesis Research

General

Course Description
Prerequisite: Acceptance into the MS Program in Biology.
MS graduate students in biology must complete a minimum of 10 graduate thesis research credits in partial fulfillment of the requirements for the MS in Biology degree. Students will conduct directed independent research under the advisement of their graduate advisor and committee.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
29

BUL3130 - The Legal Environment of Business

General

Course Description
Prerequisite: 20 earned hours
Description: This course is an introduction to law as it relates to and impacts upon the operation of business. Consideration is given to the Uniform Commercial Code, antitrust, employment laws, business ethics, international law and the social and political environment in which a business operates.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BUL4350 - Business Law II

General

Course Description
Prerequisite: BUL 3130 with a "C" or better.
Description: This course covers advanced work in business law. It is intended primarily for students preparing for professional certification in areas such as accounting and real estate.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BUL4905 - Directed Individual Studies in Business Law

General

Course Description
Prerequisite: BUL 3130 or equivalent and approval of department chair.
Description: This course allows students to investigate selected topics in business law.
Repeatability: This course may be repeated with a change in content up to a maximum of six credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

BUL5810 - Law and Business Environment

General

Course Description
Prerequisite: MBA classification
Description: Analysis of the legal and social environment in which businesses operate. Also considers business ethics, international law and the social political environment in which a business operates.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BUL6138 - Management in the Legal Environment

General

Course Description
Description: This course introduces graduate students with little or no legal background to the legal environment of business. Topics covered include dispute resolution, administrative law, and business organizations. The basic elements of contracts and their function in business coupled with the relationship of principals and agents are discussed. Responsibilities of businesses to their employees, including hiring practices and discrimination are taught. The international environment of business will also be addressed. Regulation of business and environmental regulations are covered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BUL6840 - Employment Law

General

Course Description
Description: This course involves a study of the laws that affect employment. The major emphasis is on federal law such as those covering equal opportunity and affirmative action, OSHA, and ERISA, but there is also concern with significant Florida law affecting employees and the employment function.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

BUL6904 - Directed Individual Studies in Business Law

General

Course Description
Prerequisite: BUL 3130 or equivalent and approval of department chair, director of graduate program and faculty supervisor.
Description: The course allows graduate students to investigate selected topics in business law.
Repeatability: This course may be repeated with a change in content up to a maximum of six credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
0

CAI4105 - Machine Learning

General

Course Description
Prerequisites: COP 3530, MAS 3105, and CAP 3784
Description: This course covers fundamental algorithms and programming techniques in machine learning that enable software systems to improve their performance on certain tasks by learning from data. Topics include various learning models used in different machine learning settings, such as supervised learning and unsupervised learning. These models include classification models such as decision trees and artificial neural networks, regression models such as linear regression and logistic regression, clustering models such as k-means and agglomerative nesting. The course is both theoretical and practical, involving developing learning systems using state-of-the-art machine learning tools.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CAI5005 - AI for All

General

Course Description
This graduate-level course is designed for students from diverse backgrounds to leverage Artificial Intelligence (AI) in their respective fields. The course provides a comprehensive overview of AI concepts, technologies, and applications without delving into complex programming or mathematical theories. Students will explore how AI is transforming various industries and gain practical knowledge on how to integrate AI solutions into their professional domains. Through case studies, discussions, and hands-on projects using user-friendly AI tools, students will develop a solid foundation in AI literacy and its real-world implications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CAI6706 - AI and Machine Learning in Finance

General

Course Description
This course examines the ways in which emerging technologies—such as artificial intelligence (AI), deep learning, blockchain technology, open APIs, etc. - are upending the financial services sector and causing significant changes to business practices, goods, programs, and user interfaces. Applications of these technologies in fields including payments, credit, trading, and risk management will be covered in the course. On the job market, having a solid understanding of machine learning is becoming increasingly important. Students who successfully complete this course will be able to explain in detail how artificial intelligence and machine learning are used in the finance industry.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP3784 - Introduction to Data Analytics

General
Course Description
Prerequisite: COP3503 and (STA3032 or STA2023 or STA4321)
Description: This course gives a broad overview of the various aspects of data analytics and visualizations. Students will learn ways of accessing data from various sources such as web APIs and repositories, techniques of cleaning data and organizing data for analysis, using analytical methods to solve real-world problems, and create visualizations to aid the interpretation of analysis results. Students will have hands on training using relevant programming languages, as well as analytics and visualization tools. Over the course of the semester, students will apply lessons learned and use tools trained to work on exploratory and descriptive data science projects.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP4052 - Game Development

General
Course Description
Prerequisite: COP3530
Description: This course covers the creation and development of video games. The principles of game design will be discussed and practiced via exercises. Various topics in game development will be explored through implementation including the creation of game scenes, addition of physics simulation, graphics animation, creation of user-controlled entities, and procedural room generation.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP4630 - Introduction to Artificial Intelligence

General
Course Description
Prerequisite: COP 3530
Description: Course topics include heuristic techniques for problem-solving and decision making, control and search strategies, knowledge representation, logic, AI languages, and tools. Applications such as machine learning, natural language understanding, planning, and robotics will be included.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CAP4767 - Text Mining and Information Retrieval

General

Course Description
Prerequisites: COP 3530 AND CAP 3784Description: Text mining (TM) and information retrieval (IR) is the process of finding and deriving valuable insights and knowledge from unstructured text data. In this course, students will be introduced to text mining and information retrieval and study why it is important in today's world. Students will learn and apply state-of-the-art techniques for text mining and information retrieval tasks such as text classification, triage, information extraction, relation extraction, and semantic analysis. They will apply these techniques to solve real-life problems and learn how to build effective information Retrieval systems. Several popular natural language processing and machine learning libraries are introduced that enable efficient processing and pattern recognition from textual data. Students will gain in-demand skills that better enable them to work in one of the primary areas of data science.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CAP4770 - Data Mining

General

Course Description
Prerequisites: CAP 3784
Description: This course covers methods and systems for mining varied data and discovering knowledge from data. The course will expose students to concepts and techniques of data mining, including characterization and comparison, association rules mining, classification and prediction, and mining complex types of data. Students will also examine applications and trends in data mining.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CAP4922 - Data Science Capstone Project

General

Course Description
Prerequisites: CAP 4770 and CAI 4105Description: The purpose of the Capstone Project is for the students to apply the knowledge acquired during the Data Science program to a project involving a realistic setting. During the project, students engage in the entire process of solving a real-world data science project, including understanding the real-world domain, defining the problem, scrapping data, processing data, applying appropriate analytic methods, visualizing data, interpreting results, and presenting the project to a technical and non-technical audience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CAP5605 - Introduction to Artificial Intelligence

General

Course Description
Prerequisite: COP 3530
Description: This course is intended for beginning graduate students lacking background in this area. Course topics include heuristic techniques for problem solving and decision making, control and search strategies, knowledge representation, logic, and AI languages and tools. Applications such as expert systems, natural language understanding, planning, and computer vision will be covered. Students will extend course topics via library assignments or other instructor-assigned requirements.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP6100 - User Experience Design

General
Course Description
Description: This course covers user experience design concepts associated with the design, implementation, and evaluation of human/computer interfaces including interface devices, metaphors, and interaction styles. Topics covered include task analysis; dialog models and examples; design thinking; contextual design and analysis; user-centered design including naive and expert user interfaces; interface development methodologies and implementation tools; interface testing and quality assessment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP6610 - Machine Learning

General
Course Description
The course studies fundamental techniques and algorithms in machine learning. Introduces techniques like regression, classification, and clustering and describes the differences among them. The course also studies a variety of supervised and unsupervised learning algorithms including SVM, KNN, ANN, Q-Learning among others. The course also introduces the students to deep learning strategies. Evaluation techniques for any learning strategy are also discussed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP6635 - Advanced Artificial Intelligence

General
Course Description
Description: This course will provide in-depth coverage of uninformed and informed search strategies, thoughtful ways to represent knowledge, and incisive techniques that support rational decision making including under uncertainty. Application areas will include game playing, machine learning, natural language processing, and robotics

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP6768 - Data Analytics

General
Course Description
Description: The aggressive rate of data growth has outpaced our ability to manually understand what data represents. Data is typically stored in database and files, and represented in different formats (structured, semi-structured, or no structure). Data analytics is the science of applying quantitative techniques to analyze data with the objective of discovering hidden knowledge and identifying interesting patterns. This course surveys a number of data preprocessing and sampling methods, data distributions and uncertainty, statistics, regression, time-series analysis, predictions and clustering. It introduces the characteristics and analytic challenges on dealing with clinical data from electronic health records. The course also covers emerging trends in Data Analytics and the applications of information technology in the healthcare. Statistical analyses and data mining techniques will be discussed along with methods for deploying these techniques using the open source tools.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP6776 - Information Retrieval and Text Mining

General
Course Description
Description: Information Retrieval (IR) and Text mining are increasingly important in this era where the use of textual data is growing in many different fields. This course will expose students to concepts and techniques of information retrieval and text mining including Retrieval models in IR, evaluation and language models, retrieval feedback, natural language processing, document representation, text classification, text clustering and labeling, document summarization, sentiment analysis, social network, and social media analysis, topic modeling, and text visualization. Students will also examine the applications and trends in text retrieval and mining.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CAP6777 - Data Mining

General
Course Description
Description: This course is about mining knowledge from data in order to gain useful insights and predictions. The course will expose students to concepts and techniques of data mining, including data extraction, exploratory data analysis, visualization, association rules mining, classification and prediction, cluster analysis, and mining complex types of data. Students will also examine applications and trends in data mining. The course will include several coding projects in which students will implement mining algorithms.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CBH3004 - Comparative Psychology

General

Course Description
Prerequisite: PSY 2012.Description: This course surveys the major concepts and approaches of the comparative study of behavior across a wide variety of species. Course content emphasizes an integrative approach to psychology by promoting an understanding of behavior in the context of the biological, ecological, and social milieu of the organism.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ2002 - Crime in America

General
Course Description
This course offers a general education survey of topics in criminology and criminal justice. The course provides exposure to crime measurement, special challenges facing the criminal justice system, crime patterns and criminal behavior in the United States, specific criminal behaviors, explanations for crime and crime prevention. The course also emphasizes research and special topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ3014 - Criminological Theory

General
Course Description
Prerequisite: CCJ 2002. This course examines the ways crime has been explained in western society, with primary emphasis on scientific explanations since the 1700s. The entire range of criminological theory, from demonism to Marxism, and the social policy implications of each, will be addressed, along with the basics of theory construction and evaluation.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ3023 - Introduction to Criminal Justice

General
Course Description
Prerequisites: CCJ 2002
This course explores the historical, philosophical, legal, and contemporary operation of the American criminal justice system. Particular emphasis is placed on research examining the primary institutions and actors of the criminal justice system in policing, courts, and corrections. The course also explores crime measurements, a profile of crime rates and victims, and an examination of offender and inmate populations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ3700 - Research Methods in Criminology & Criminal Justice

General

Course Description
This course is a general introduction to research methods used in criminology and criminal justice. The course emphasizes the application of theory and research, sampling, measurement, data collection, research designs, and ethics of research. Specific examples from the field of criminology and criminal justice will be utilized.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

CCJ3932 - ST: Criminal Justice

General

Course Description
This course involves analysis of variable topics in criminal justice. May be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
3

CCJ4604 - Crime and Mental Illness

General

Course Description
This course examines the relationship between various forms of mental illness and crime, especially felony crime. Emphasis will also be placed on the role of the insanity defense on criminal trials involving capital crimes such as homicide and rape. Public opinion regarding the insanity defense will also be considered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ4641 - Organized Crime

General

Course Description
This course explores criminality undertaken by groups of individuals strategically associated for the purpose of criminal activity. Historical origins of organized crime in the United States are presented along with structural analyses of its causes. Case studies of specific criminal groups are analyzed with regard to criminological theory. Strategies for fighting organized crime and its depiction in popular culture are also addressed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ4662 - Minorities and Crime

General
Course Description
This course examines the role of crime (primarily felony crimes) in the lives of various minorities within American society. Emphasis will be placed on both offense and victimization patterns within the black and Hispanic communities. The victimization of women will also be examined.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ4663 - Women and Crime

General
Course Description
This course examines women as criminal offenders, victims and employees of criminal justice agencies. Emphasis will also be given to the topic of treatment of women in the criminal justice system by the police, courts and prison system.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ4664 - White Collar Crime

General
Course Description
This course examines various definitions and types of white-collar offenses in American society. Special emphasis is given to patterns of such offenses among the most wealthy and powerful societal organizations, the general issue of economic crime and its control and the enforcement of white-collar related laws.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ4681 - Family Violence

General
Course Description
This course is designed to examine the various expressions of violence within the family structure, including child abuse, spouse abuse, and elder abuse. Topics discussed include the psychological and social causes of domestic violence, the transmission of violence from generation to generation, and strategies for alleviating intrafamilial aggression.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ4905 - Directed Independent Study

General

Course Description
Prerequisite: Permission of the program director. Independent study of some aspect of or issues in criminal justice, supervised by a member of the faculty specializing in the area chosen by the student. May be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
3

CCJ4935 - Special Topics in Criminal Justice and Administration

General

Course Description
Contents of this course vary as instructors present different developments, problems and controversies relating to the administration of the criminal justice system. May be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
4

CCJ4938 - Special Topics in Criminology

General

Course Description
Forum for special course offerings in the causes and impact of criminal conduct. May be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
4

CCJ4939 - Pre-Internship in Criminal Justice

General

Course Description
Prerequisites: Must have completed or be concurrently completing core courses 2.0 GPA (overall)
Corequisites: Permission of Instructor
This course prepares students for internship placement in approved organizations. Students explore specific agency missions as they relate to core content and academic research. Detailed individual research projects supplement classroom discussion in preparation for field placement of student.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ4940 - Internship in Criminal Justice

General

Course Description
Prerequisite: Completed all core required courses, 2.0 GPA (overall), and permission from instructor. Description: A planned program of experience in one or more criminal justice agencies. Supervised placement consisting of a total of 140 hours in-the-field work experience resulting in an in-depth written report in which work experiences are related to theoretical perspectives. Required for all pre-service students.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

CCJ5066 - Poverty and Crime

General

Course Description
Description: This course explores the relationship between poverty and crime, particularly in terms of theory and research about social class inequalities and contexts that enable criminogenic conditions. Public discourse about socio-economically marginal groups, the role this discourse plays in politics and policy creation about crime, and the effects on those in poverty will be examined.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CCJ5079 - Crime Mapping

General

Course Description
Description: This course introduces students to the use of Geographic Information Systems in the criminal justice system. Specifically, students will examine how theory and technology can be applied to analyze crime patterns, guide the deployment of police officers, and inform offender reentry efforts. The class will teach students to assess and/or conduct research using the appropriate qualitative and quantitative research designs on researchable topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CCJ5346 - Crisis Intervention and Collective Behavior

General

Course Description
An overview of various crisis intervention techniques applicable to criminal justice personnel. Also, an analysis of crowds and collective behavior phenomena, and methods for managing such situations. Includes role-playing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ5456 - Criminal Justice Administration Theory and Practice

General

Course Description
Study of organization, communication, and motivation theories and their operational implications as they pertain to the structure and function of criminal justice entities. Includes an analysis of selected real or hypothetical cases from the criminal justice system and problem-solving exercises.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ5475 - Criminal Justice Planning and Evaluation

General

Course Description
Prerequisite: CCJ 6706. Examination of research design and execution of issues and techniques specific to components of the criminal justice system. Students prepare and present progressively more comprehensive treatment of selected actual and hypothetical cases.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ5646 - Organized Crime

General

Course Description
This course explores criminality undertaken by groups of individuals strategically associated for the purpose of criminal activity. It is designed to introduce students to an understanding of what organized crime is, its history, evolution, and the criminal enterprises that make up organized crime. Attention is given to the cooperation between the government and organized crime as well as the legal response to this form of criminal activity. Theoretical explanations of organized crime are explored as well as the interplay between organized crime, terrorism, international crime, and technology.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ5652 - Drugs, Crime and Society

General
Course Description
Description: This course will explore criminalization of psychoactive chemicals in the US from 1850 to the present day. Primary focus will be on contemporary drug usage and the attempts to control substance abuse and the consequences for both individuals and society of criminalizing drug use. Illicit drug markets and the effectiveness of prohibition and “wars on drugs” will also be explored.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CCJ5665 - Victimology

General
Course Description
The study of victims of crimes of property and violence. The relationships between offender and victim, patterns of victim response and methods of victim assistance will be included.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ5668 - Elite Crime

General
Course Description
The etiology, nature, and proposed solutions to the crimes committed by individuals and/or organizations with a preponderance of wealth, status, and/or power. Crimes in large corporations, government, and various dimensions of organized criminal activity will be considered.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ5692 - Women and Crime

General
Course Description
Prerequisite: CJL 4310
This course focuses on an analysis of the roles and experiences of women as victims, criminal offenders, prisoners, and professional in relationship to the

criminal justice system. Particular emphasis is placed on the gendered nature of crime and social control. Questions regarding the validity of criminological theory to explaining women's involvement in crime are also discussed

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ5743 - Graduate Supervised Research Experience in Criminal Justice

General
Course Description
Prerequisite: Permission of the Department
Under the direction of faculty students will explore all elements of criminal justice research, including initial planning and preparation, the literature review, data collection, analysis, interpretation of the findings, and report writing. Students will also learn, first hand, the procedures for developing scholarly research for publication. May be repeated once for a maximum of 6 credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

CCJ5930 - Issues in Modern Criminal Justice

General
Course Description
This course is an in-depth focus upon major concerns in contemporary American justice. Specific areas of student will include technology, political pressures, and internal management problems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CCJ5934 - Special Topics in Criminal Justice

General
Course Description
Prerequisite: Permission of instructor.
Description: Forum for special courses for graduate students, focusing upon topics and issues not normally addressed in the general curriculum.
Repeatability: May be repeated for a maximum of 15 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

CCJ6050 - Criminal Justice Systems

General

Course Description
Prerequisite: Admission to the program.
This course examines the philosophical, legal, and contemporary operation of the criminal justice system in the American Democracy. Particular emphasis is placed on the tension between Due Process and Crime Control; the differences between policy and practice; and the interaction between the actors of the system and the community. The course also explores the effectiveness of the American Criminal Justice System and profiles inmate populations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ6059 - Advanced Criminological Theory

General

Course Description
Prerequisite: Admission to program. In-depth consideration of biological, psychological, and sociological theories of criminal behavior. Sociological, economical and political theories of law formation and law-breaking from historical and contemporary perspectives also are considered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ6309 - History and Philosophy of Corrections

General

Course Description
Description: An in-depth analysis in the history of social responses to deviance and crime and their underlying philosophical bases. Includes exploration of ancient and traditional punishments, the penitentiary and reformatory movement in the U.S., and analysis of current philosophical movements which affect modern practices.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ6457 - Administration of Justice

General

Course Description
Description: This course covers contemporary concepts, principles and theories of organization and administration as they relate to criminal justice agencies. The historical development and modern practices of policy administration are also considered. Significant attention will be placed on understanding the theories of administration. The emphasis of this course will be the application of administrative theory to criminal justice organizations and contexts. Areas of theoretical discourse covered will include classical/neo- classical, principles of administration, human resources, systems, cultural reform, and sense-making. Additional readings will provide examples of the application of administrative theories to criminal justice organizations and contexts.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ6639 - Issues in Social and Criminal Justice

General

Course Description
Description: This graduate seminar explores sources of inequality in the application of criminal law, including concerns about disparities in the social class, race, and gender status both in prosecution of crimes and ultimately incarceration. How multiple and overlapping sources of inequality ("intersections") operate simultaneously against particular groupings of citizens is explored. Sources of power, social control and inequality are examined in relation to the broader application of criminal law, punishment, and victimization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

CCJ6705 - Advanced Methods of Criminological Research

General

Course Description
Prerequisite: Admission to the program. Research design, data collection, analysis, and interpretation of data pertaining to criminological research. Advanced techniques in such methods as survey research, content analysis, and participant observation are explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ6706 - Quantitative Research Methods

General

Course Description
Prerequisites: Admission to the program and completion of an undergraduate methods or statistical course CCJ 6705
This course introduces graduate students to quantitative social science research and its applications to the field of criminology and criminal justice. This course examines techniques used in research, discusses how to design and conduct research projects, and how to analyze the results of such projects utilizing advanced computer statistical analysis software.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ6709 - Qualitative Research Methods

General

Course Description
Prerequisite: Admission to the Program, CCJ 6705. This course introduces students to methods used in field studies including participation, observation and interviewing. The course involves a directed field experience and intense instruction in the collection and analysis of qualitative data. Students will be expected to produce an empirical paper at the conclusion of the course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CCJ6906 - Directed Independent Study

General

Course Description
Prerequisite: Permission of instructor. Independent study of a narrow issue or topic in criminal justice, directed by a faculty member specializing in that issue or topic. May be repeated for a maximum of 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
2

CCJ6944 - Graduate Supervised Teaching Experience in Criminal Justice

General

Course Description
Prerequisite: Permission of the Department. Under the direction of faculty, the student participates in the planning, research, preparation, presentation, and examination aspects of the conduct of a section of an undergraduate criminal justice course. The student assumes progressively greater responsibility in each area. May be repeated for a maximum of 12 credits under different topics.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
2

CCJ6946 - Graduate Practicum in Criminal Justice

General

Course Description
Prerequisite: Permission of the Department. A planned program of experience in a criminal justice agency. The student functions under the direction of agency personnel in a role analogous to that of an agency employee. Periodic meetings with supervising faculty facilitate preparation of a written report demonstrating the student's synthesis of theory and practice. May be repeated twice for a maximum of 6 credits under different topics.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
3

Billing Hours Max:
6

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours
Operator:
TO

Number Of Repeats:
1

CCJ6974 - Thesis/Demonstration Project

General

Course Description
Prerequisite: Permission of the Department. Under the direction of the faculty, the student designs and presents a project of his or her own conception which involves the completion of field research, the execution of a demonstration program or system, or a completed proposal of comparable quality and magnitude. May be repeated twice for a maximum of 6 credits under different topics.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
3

Billing Hours Max:
6

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours
Operator:
TO

Number Of Repeats:
1

CDA3100 - Computer Architecture and Organization

General

Course Description
Prerequisites: COP 2220
Description: This course will cover the fundamental ideas in computer architecture and organization. Topics include machine-level data representation; digital logic; computer arithmetic; processor design; system components and inter-communication; memory hierarchy; multi-core processors; GPU; and modern technological advancements.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● - Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

CDA4010 - User Interface Design

General

Course Description
Prerequisite: COP 3503
Description: This course introduces the fundamentals of effective interaction between humans and computers with an emphasis on software and physical elements. Good and bad interface designs are examined to reinforce proven interface design techniques. The phases and tools involved in the interaction design process are discussed, as well as how the interaction design process aligns with the Software Development Life Cycle (SDLC).

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

CEG3011C - Geotechnical Engineering

General
Course Description
Prerequisite: CWR3201 and (CES3104 or EGN3331)
Description: This course is an introduction to use of soil as a construction material and analysis techniques for geotechnical applications. Topics include soil formations, mass-volume relationships, soil classification, effective stress, compaction, seepage, soil deformation, state of stress, consolidation, strength, and failure. This course also includes a laboratory component where experiments will be conducted to obtain soil properties for use in geotechnical engineering design. Experiments include grain size distribution and soil classification, Atterberg Limits, compaction, permeability, consolidation, shear strength, and unconfined compressive strength.
Course Fees: $35

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

CEG4101 - Analysis and Design of Foundation Systems

General
Course Description
Prerequisite: CEG 3011C
Description: This course provides a comprehensive coverage of the principles for geotechnical analysis and design of shallow and deep foundation systems. Course topics include geotechnical site characterization, bearing capacity, settlement, group effects, and lateral load capacity of the various foundation systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEG4104 - Analysis and Design of Earth Retaining Systems

General
Course Description
Prerequisite: CEG 3011C
Description: This course provides a comprehensive coverage of the principles for geotechnical analysis and design of earth retaining systems. Course topics include earth pressure theories, design of rigid and flexible retaining structures, design of braced and anchored shoring systems, design of reinforced earth walls, and stability analyses for earth slopes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEG4302 - Applied Engineering Geology

General
Course Description
Co-requisite: CEG 3011C
Description: This course addresses the applications of geological information to engineering problems. Topics covered include soil and rock mechanics, instrumentation, geological hazards, field testing, coring and classification of geological materials, and probability and statistics as applied to geological materials.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEG6118 - Advanced Foundation Engineering

General
Course Description
Prerequisite: CEG 3111
Description: This course covers advanced topics in foundation engineering and design. Topics will include piles and pile groups subjected to axal and lateral loads, design of soil anchors and soil nails and limit states design of foundation.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEG6304 - Applied Engineering Geology

General
Course Description
Prerequisite or Co-requisite: CEG 3011C
Description: This course addressed the application of geological information to engineering problems. Topics covered include soil and rock mechanics, instrumentation, geological hazards, field testing, coring and classification of geological materials, and probability and statistics as applied to geological materials.
Course Fees: A course fee of $35 will be assessed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEG6320 - Drilled Shaft Foundations in Rock

General
Course Description
Prerequisites: CEG 3011C and CEG 3111
Description: This course addresses the design and analysis of drilled shaft foundations in rock. Topics covered will include intact rock characterization, rock mass and discontinuity characterization, deformation and strength of rock, axal and lateral, capacities of drilled shafts, axal and lateral deformations, and stability of drilled shaft foundations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEG6515 - Slope Stability

General

Course Description
Prerequisites: CEG 3011C, CEG 3111
Description: This course covers soil mechanics concepts to the design and analysis of earth slopes. Topics covered will include infinite slope analysis, limit equilibrium slope analysis, finite element slope analysis, and mechanics and analysis of reinforced slopes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEG6806 - Ground and Site Improvement

General
Course Description
Prerequisite: CEG 3011C
Description: This course covers methods for improving soil and rock and associated verification techniques for assessing ground improvements. Ground improvement methods discussed include mechanical modification (compaction), hydraulic modification (dewatering and vertical drains), grouting, and soil reinforcement. Verification techniques discussed will include field testing, intrusive testing, and geophysical testing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEN4010 - Software Engineering

General
Course Description
Prerequisites: COP 3530 and COP 3703 Description: This course introduces students to fundamental Software Engineering concepts and current practices. Topics covered include: software process models; agile software development; requirements engineering; domain modeling; model-driven development; software architectures; design paradigms and patterns; project management, tracking, and release planning; collaborative development, testing, deployment, maintenance and evolution.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CEN4083 - Introduction to Cloud Computing

General
Course Description
Prerequisite: CNT 4504
Description: The adoption of cloud computing services continues to grow across a variety of organizations and in many domains. Students will be exposed to the current practices in cloud computing. Topics may include cloud service models such as Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), virtualization, cloud architectures, motivating factors, benefits and challenges of the cloud, cloud storage, performance and systems issues, disaster recovery, federated clouds, hypervisor CPU and memory management, data centers, and cloud security. Course work may include homework assignments, presentations, and projects that will provide exposure to major cloud services such as Amazon Web Services (AWS) and/or Google Compute Engine (GCE).

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CEN4360 - Mobile Apps Development

General

Course Description
Prerequisite: COP 3530
Description: This course covers the implementation of mobile applications. Students will create applications designed for use with mobile devices. Common topics include creating views, layouts, menus, local and online-based data retention and program flow. Current mobile app industry standards and practices will be discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CEN6001 - Software Requirements Engineering

General

Course Description
Description: The course will examine the requirements phase of the Software Engineering lifecycle in detail. Topics will include requirements elicitation, requirements specification, requirements analysis and modeling, requirements prioritization, verification, and validation, requirements traceability, requirements management and requirements visualization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CEN6016 - Engineering of Software

General

Course Description
Description: This course will explore leading research in the field of software engineering (SE). Students will acquire the knowledge needed to perform research or conduct practice in the field. Each class will cover research papers and topic presentations by the instructor and students. The majority of the course content will be drawn from the classic research papers and the current state-of-the-art in SE.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CEN6017 - Engineering of Software II

General

Course Description
Prerequisite: CEN 6016. Topics covered in this course include: the design of a software system using classical and object-oriented approaches; software architectures, frameworks, functional and object-oriented decomposition, prototyping, design and implementation of reviews and walkthroughs, GUI design and implementation, interoperability, support tools, and quality assurance practices; team-oriented project used methods, techniques and practices learned.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CEN6036 - Software Architecture

General

Course Description
Description: This course addresses issues associated with large-scale Web application development including architectural design and documentation, and service-oriented computing technologies. In this course, students will gain an understanding of the concepts behind software architectures for large-scale Web-based systems as well as design, recognize, evaluate and document software architectures. The course would deepen students' understanding of service-oriented architecture. In particular, the course will focus on principles behind service-oriented software engineering, and approaches and methods for efficient service production in service ecosystems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CEN6070 - Software Quality Assurance and Testing

General

Course Description
Prerequisite: CEN 6016. Topics covered in this course include: the quality of the software product; techniques with the stages of verification and validation; reliability; correctness, testing methods, coverage measures, testing specialized applications, formal verification, testing management techniques and support tools; team-oriented project used methods, techniques and practices learned.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CEN6079 - Secure Software Development

General

Course Description
Description: This course provides an introduction and overview of security practices in software and systems engineering. Some of the topics covered are the characteristics of secure software, the role of security in the development lifecycle, designing secure software, risk analysis, threat modeling, defensive coding, penetration testing, static analysis, and best security programming practices.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CEN6086 - Cloud Computing

General

Course Description
Prerequisite: CNT 5505
Description: This graduate-level elective course investigates cloud computing models, techniques, and architectures. Cloud computing has evolved as a very important computing model, which enables information, software, and other shared resources to be provisioned over the network as services in an on-demand manner. Students will be exposed to the current practices in cloud computing. Topics may include distributed computing models and technologies, Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), Software-as-a-Service (SaaS), virtualization, security and privacy issues, performance and systems issues, capacity planning, challenges in implementing clouds, data centers, hypervisor CPU and memory management, Cloud OS, federated clouds, cloud hosted applications, and other advanced and research topics in cloud computing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CEN6940 - Computing Practicum

General

Course Description
Prerequisites: CAP 6768 and ISM 6021 or CEN 6017
Description: This practicum course allows students to gain valuable hands-on experience in the computing industry while earning credit towards their degree. This is a stand-alone, single-semester based course, which includes practical computing work under industrial supervision or instructor-guided exploration of a topic relevant to the industrial application of specific computing technology. Both instructor approval of a plan for the proposed work as well as a successful end-of-term presentation are required. Enrollment in more than one semester is allowed, but earned credit is applied in accordance with degree requirements.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

CES3100 - Analysis of Structures

General

Course Description
Prerequisite: CES 3104 or EGN 3331
Description: This course will investigate types of loads on structures, truss analysis, shear and bending moment diagrams, influence lines, and design envelopes. In addition, deformation of beams, frames, and trusses is covered. The course also includes an introduction to the analysis of indeterminate structures using consistent deformation, slope deflection, and moment distribution methods. Computer and matrix methods are briefly introduced and discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CES3104 - Mechanics of Materials

General

Course Description
Prerequisite: ENG 3311
Description: The concept of stress and strain is covered and includes topics such as normal stress and strain, Hooke's Law, and stress transformation Mohr's Circle. Deformations in axially loaded members are included with some focus on statically indeterminate members. Shafts subjected to torsion and flexural members are covered. Shear and Bending Moment diagrams are emphasized with an introduction to member design. Deflection of beams and columns buckling are introduced.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CES3605 - Design Of Steel Structures

General

Course Description
Prerequisite: CES 3100
Description: Concepts of structural design are introduced. The topics cover: philosophies of design and the LRFD method, structural steel systems, structural design loads, design of tension members, design of bolted and welded connection, design of columns, design of beams, and finally design of beam columns. The AISC steel design manual is used in all design problems. Computer aided design is included utilizing commercially available packages.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

CES4102 - Matrix Structural Analysis

General

Course Description
Prerequisite: CES 3100
This course covers the theory and application of traditional structural analysis for trusses, beams, frames, cables, and arches as either determinate or indeterminate systems. Topics covered will include matrix methods including the direct stiffness method, and flexibility and stiffness method with introduction to computer-based techniques.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CES4321 - Introduction to Bridge Engineering

General

Course Description
Prerequisite: CES 4702C
This course covers the design of structural systems for bridges using the AASHTO LRFD design methodology. Topics covered will include analysis by influence lines, design of slab, beam-slab, and existing bridges.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CES4702C - Design of Reinforced Concrete

General

Course Description
Prerequisite: CES 3100 and CGN 3501C
Description: Structural concrete and its behavior are introduced. Current ACI Code provisions for structural design are utilized in learning how to design reinforced concrete structural members. The failure theories for beams, columns, slabs are introduced. Topics include the design of rectangular and T beams, design of columns and utilizing interaction diagrams, design of one-way slabs, and finally the design of spread and combined footings. Hands-on laboratory exercises are also included to investigate concrete structural components.
Course Fees: $30

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CES4711 - Prestressed Concrete

General
Course Description
Prerequisite: CES 4702C
Co-requisite: CES 4702C
Description: This course covers prestressed concrete behavior and design for applications in building and bridge design. Topics covered will include the design of pre and post tensioned girders, floors, roofs, and walls.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CES4844 - Repair of Structures

General
Course Description
Prerequisite: CES3104 or EGN3331
Description: This course provides repair methods and repair materials used in the practice of the structural engineering and repair industry. This course also covers inspection and assessment of damaged structures. It is designed to enable the student to determine the conditions and severity of the damage, the repair methods and materials, the use of FRP in strengthening of structures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CES6144 - Matrix Structural Analysis

General
Course Description
Prerequisite: CES 3100
Description: This course covers the theory and application of traditional structural analysis for trusses, beams, frames, cables, and arches as either determinate or indeterminate systems. Topics covered will include matrix methods including the direct stiffness method, and flexibility and stiffness method with introduction to computer-based techniques.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CES6715 - Prestressed Concrete

General

Course Description
Prerequisite: Graduate standing and consent of instructor
This course covers prestressed concrete behavior and design for applications in building and bridge design. Topics covered will include the design of fire-and post-tensioned girders, floors, roofs, and walls.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CGN3322C - Civil Engineering Geomatics

General
Course Description
Prerequisite: MAC2311
Description: This course introduces the use of modern surveying instruments and methods commonly employed by Civil Engineers. Topics covered include: distance measurement, angle measurement, traverse and topographic surveys, route surveying, construction surveying, land surveys, mapping, Global Positioning Systems (GPS), and preparation and submittal of survey documents. In addition, this course exposes students to the state of art computer aided design (CAD) tools used in civil engineering practice. The applications of Geographical Information Systems (GIS) in Civil Engineering will also be covered in this course.
Course Fees: $30

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

CGN3501C - Civil Engineering Materials

General
Course Description
Prerequisite: EGN 3311
Description: This course is an introduction to the behaviors, properties, and testing of commonly used civil engineering materials such as aggregates, Portland cement, concrete, asphalt cement concrete, masonry, steel, and timber. The laboratory portion of the course will focus on characterization of materials for Portland cement concrete mix design, and testing of both fresh and hardened concrete.
Course Fees: $30

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

CGN4151 - Engineering Management

General
Course Description
Description: This course provides an overview of project organization, team formations, and operations involving matrix teams (as well as other formulations) and an overview of the project life cycle. Project planning, scheduling, and control are also discussed as well as economic decisions involving projects such as capital budgeting, risk analysis, and replacement decisions. Students make oral and written presentations. Permission of the instructor is required in order to enroll in this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CGN4430 - Risk Assessment

General

Course Description
Prerequisite: STA 3032 and PHY 2048
Description: This course will provide risk analysis and quantification for design and engineering. The course will introduce important concepts such as: probability concepts and distributions, hypothesis testing, extremes, sampling and resampling of methodology, uncertainties, hazards in the environment, complexity and sustainability, tectonics, storms, flooding, droughts, environmental hazards, and risk applications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CGN4803 - Senior Capstone Design I

General

Course Description
Prerequisite: ENC 3246, CEG 3011C, and CES 4702CCo-requisite: CWR 4202C and TTE 4004Description: This course is the first part of a two-semester design project. Students are introduced to professional practice issues such as: procurement of work; bidding versus quality based selection processes; how design and construction professionals interact to construct a project; the importance of professional licensure and continuing education; and other professional practice issues. Students work in multi-disciplinary teams to develop a proposal and preliminary design for a selected Civil Engineering project.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

CGN4804 - Senior Capstone Design II

General

Course Description
Prerequisite: CGN 4803. This course is the second part of a two-semester, design project class. Students are to proceed with the design project according to the plan developed in CGN 4803. Under faculty supervision, the students perform the actual design work for the project previously selected. Finally, students submit a final report and give a formal oral presentation to discuss the final design.Course Fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CGN4824 - Principles of Land Development

General

Course Description
Co-requisites: CWR 4202C and TTE 4004
Description: This course introduces students to principles of designing residential and commercial developments. The focus of the course is to learn how to design infrastructure components such as storm water, roads and sanitary sewer, for new developments.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CGN4905 - Directed Individual Study

General
Course Description
Prerequisites: Approval by sponsoring professor and director of engineering. Students will participate in study of topics agreed to by a sponsoring and supervising professor. This course is variable in credit hours and may be repeated once with different content.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

CGN4911 - Supervised Undergraduate Research

General
Course Description
This course is an investigation of topics in Civil Engineering through research.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

CGN4931 - Special Topics in Civil Engineering

General
Course Description
Prerequisites: Senior standing and consent of instructor or department. This course provides topics of special interest in Civil Engineering, which may vary each time the course is offered. Course content may be engineering science, engineering design, or a combination of both. The special interest topic, when offered, will be stated in the schedule booklet. The course is variable in credit hours and may be repeated once with different content. (A material fee of $30 will be assessed.)

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
8

CGN4935 - FE Exam Review Seminar

General

Course Description
Co-requisite: CGN 4803
Description: This course is a seminar that provides review lectures and problem solving sessions for senior civil engineering students who need to take the Fundamentals of Engineering (FE) Exam to become engineers in training. The course reviews materials covered in the FE Exam and is required for all graduating senior students. Each student will be required to register for the exam as a requirement for graduation.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● - Billing Hours

Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

CGN4949 - Civil Engineering Internship

General

Course Description
Prerequisite: Departmental Permission and Civil Engineering MajorDescription: Students will participate in practical engineering work under industrial supervision. Approval of both the sponsoring employer and department is required prior to enrolling in this course.Repeatability: This course may be repeated for up to 3 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

CGN4955 - Civil Engineering Study Abroad

General

Course Description
Description: In this course students will study civil engineering related practices in a foreign country. During the course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the difference between engineering in the U.S. and that country; and learn about current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.
Repeatability: May be repeated for a maximum of 3 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

CGN5010 - Math Methods for Engineers

General

Course Description
Prerequisite: MAP2302
Description: This course will focus on mathematical methods for applications to engineering problems at a graduate level. It will include: mathematical concepts, geometry of patterns and their quantification, Eigenfunctions, probabilities, statistics of extremes, multidimensional spectral forms, mathematics of waves, stable and unstable systems, Monte Carlo methods, an introduction to new methods for understanding physical systems, and propagation problems in discrete systems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CGN5320 - Advanced GIS Applications in Civil Engineering

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: The course covers GIS principles and applications used in civil engineering. The focus of this course is to learn how to use GIS tools in solving various civil engineering problems. Students will be introduced to geographic coordinate systems and map projects, learn how to create shapefiles, develop geodatabases, and learn how to create models by integrating spatial databases.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CGN5932 - Special Topics in Civil Engineering

General

Course Description
Prerequisite: Permission of instructor
Description: This course will cover an in-depth study of current civil engineering topic. The course content will vary each time the course is offered and will be focused on state-of-the-art concepts that are not addressed in current course selections.
Repeatability: This course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

CGN6125 - Legal Considerations in Engineering and Construction

General

Course Description
Description: This course is designed to provide the student with a basic understanding of the American Legal System and the engineer's relations with the law, the public, and the ethics of the profession. The course will include contracts, property rights, intellectual property, torts, and administrative law as they relate to the Engineering and Construction professions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CGN6335 - Advanced Oceanography & Meteorology

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: In this course students will examine physical characteristics, processes, and dynamics of the global ocean to understand circulation patterns and how they relate to ocean biology, chemistry, and climate change. Students will learn about total energy balance, role of eddy fluxes, inference of mean meridional circulation, diagnosis of time-mean flow, climate and its variability, theories of wind-driven circulation, Sverdrup solution, frictional and inertial boundary regimes and thermohaline circulation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CGN6406 - Risk Assessment

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: This course will provide risk analysis and quantification for design and engineering. The course will introduce important concepts such as: probability concepts and distributions, hypothesis testing, extremes, sampling and resampling of methodology, uncertainties, hazards in the environment, complexity and sustainability, tectonics, storms, flooding, droughts, environmental hazards, and risk applications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CGN6900 - Supervised Graduate Research

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: This course is an investigation of topics in Civil Engineering at the advanced level.
Repeatability: This course may be repeated for a maximum of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

CGN6901 - Directed Independent Study

General

Course Description
Students will participate in study of topics agreed to by a sponsoring and supervising professor. This course is variable in credit hours and may be repeated for up to 6 credit hours

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

CGN6933 - Special Topics in Civil Engineering

General

Course Description
Prerequisite: Graduate standing and permission of instructor.
Description: This course will cover an in-depth study of advanced civil engineering topics. The course content will vary each time the course is offered and will be focused on state-of-the-art concepts that are not addressed in current course selections.
Repeatability: This course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

CGN6949 - Civil Engineering Graduate Internship

General

Course Description
Prerequisite: Departmental Permission and Civil Engineering Graduate Student Status
Description: Graduate students will participate in practical engineering work under industrial supervision. Approval of both the sponsoring employee and department is required prior to enrolling in this course.
Repeatability: May be repeated for a maximum of 3 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

CGN6955 - Civil Engineering Study Abroad

General

Course Description
Description: In this course students will study civil engineering related practices in a foreign country. During the course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the difference between engineering in the U.S. and that country; and learn about current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.
Repeatability: May be repeated for a maximum of 3 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

CGN6970 - Civil Engineering Master's Thesis

General

Course Description
Prerequisite: Engineering graduate student status or instructor permission.
Description: The student will conduct individual research on topic relevant to civil engineering. The research topic will be chosen by the student in conjunction with their advisor.
Repeatability: The course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

CGS1100 - Computer Applications for Business

General

Course Description
This course provides an introduction to the fundamentals of personal computing for business majors and other non-computer science majors. Topics include the Windows operating system, word processing, spreadsheets, database, presentation aids, internet, e-mail and related areas. Students may not receive credit for CGS1100 and also for CGS1570.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CGS1930 - STEM LLC Seminar

General
Course Description
Description: This is a course for first year students participating in the STEM Living, Learning Community. Students will hear lectures from guest speakers, including STEM faculty, and learn about study skills and resources available at UNF to help them succeed in their chosen major.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Lecture Hours
Lecture Hours Min:
0

Number Of Repeats:
0

CHI1120 - (FC) Beginning Chinese I

General
Course Description
Description: This course provides a basic introduction to modern Chinese, building a solid foundation in the structures, vocabulary and pronunciation of the language. Native and heritage speakers of Chinese may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

CHI1121 - (FC) Beginning Chinese II

General
Course Description
Prerequisite: CHI 1120 Beginning Chinese or equivalent
Description: This course is the continuation of first-year Chinese, emphasizing the acquisition of proficiency at the elementary level. Students master the basic grammar, vocabulary and pronunciation of the language. Native and heritage speakers of Chinese may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

CHI2200 - (FC) Intermediate Chinese I

General
Course Description
Prerequisite: CHI 1120 Beginning Chinese I and CHI 1121 Beginning Chinese II or equivalentDescription: Intermediate Chinese I builds upon the proficiency in the language acquired during the elementary-level sequence, with an emphasis on improved speaking and comprehension skills, and the acquisition of a broader vocabulary. Native and heritage speakers of Chinese may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CHI2201 - (FC) Intermediate Chinese II

General
Course Description
Prerequisite: CHI 2200 Intermediate Chinese IDescription: This course is the continuation of Intermediate Chinese, stressing improved proficiency in the language at the intermediate level. In this course, students master more complex grammatical structures in spoken and written Chinese. Native and heritage speakers of Chinese may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CHI3400 - (FC) Conversation in Chinese

General
Course Description
Prerequisite: CHI 2201 or permission of instructorDescription: This course develops conversational skills in Chinese above the intermediate level and includes conversations on directed topics. Native and heritage speakers of Chinese may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CHI3930 - (FC) Special Topics in Chinese

General
Course Description
Prerequisite: CHI 2201
Description: Special Topics in Chinese explores cultural, literary or linguistic issues. This course will center on specific topics that may include, but are not limited to, the culture of doing business in China, Chinese literature, the culture of Ancient China, Classical Chinese, Business Chinese and Chinese Film. The language of instruction is Chinese.
Repeatability: This course may be repeated for up to 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

CHI4904 - (FC) Directed Independent Study in Chinese

General

Course Description
Prerequiste: CHI 3400 or CHI 3301. Students must have successfully completed one or more 3000-level Chinese language courses prior to requesting a Directed Independent Study.
Description: This course provides a directed, individual study of a specific literary, linguistic or cultural topic related to the Chinese language. Departmental approval is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

CHM1020 - Discovering Chemistry

General
Course Description
Description: This course provides students with an introduction to chemical principles and applications for the non-science major. students will engage in problem solving and critical thinking while applying chemical concepts. topics will include the scientific method of problem solving, classification of matter, atomic theory, the periodic table, gases, chemical reactions, energy, and chemical bonds. This course is designed as a course for students that wish to fulfill the general education natural science requirement with chemistry and who will take no further chemistry courses. This course is not a preparatory course for CHM 2045.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CHM1024 - Chemistry Study Skills

General
Course Description
Co-requisite: CHM1025 Introduction to Chemistry
Description: This course introduces academic skills that correlate to success in chemistry courses. Students will learn effective strategies for note taking, time-management, chemistry problem solving, exam preparation, and using online chemistry resources.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

CHM1025 - Introduction to Chemistry

General
Course Description
This course is an introduction to the principles of modern chemistry and an overview of different areas of chemistry and its applications including elementary organic chemistry.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

CHM1025L - Introduction to Chemistry Laboratory

General

Course Description
Co-requisite: CHM 1025
This course is an introduction to the principles of modern chemistry and an overview of different areas of chemistry and its applications including elementary organic chemistry. (A laboratory fee of $59 will be assessed.)

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

CHM2045 - General Chemistry I

General

Course Description
Prerequisite: CHM 1025 or qualifying score on chemistry placement assessment and MAC 1105.
Co-requisite: CHM 2045L
Description: This course is designed for students pursuing careers in the sciences or who need a more rigorous presentation of chemical concepts than is offered in an introductory course. Students will engage in problem solving and critical thinking while applying chemical concepts. topics will include the principles of chemistry including atomic theory, electronic and molecular structure, measurement, stoichiometry, bonding, periodicity, thermochemistry, nomenclature, solutions, and the properties of gases.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHM2045L - General Chemistry I Laboratory

General

Course Description
Prerequisite: CHM 1025, CHM 1025L or high school chemistry with a B or better, MAC 1105Co-requisite: CHM 2045Description: The course includes experiments that demonstrate the concepts of stoichiometry, atomic structure, chemical bonding, acids and bases, solutions and their properties, reaction rates and equilibrium and descriptive chemistry of selected elements. Fees: A course fee of $59 will be assessed.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

CHM2046 - General Chemistry II

General

Course Description
Prerequisite: CHM 2045, CHM 2045L
Co-requisite: CHM 2046L
The course is the second semester of a two semester sequence, and includes topics such as the chemistry of liquids and solids, kinetics, aqueous equilibria, thermodynamics, electrochemistry, and nuclear chemistry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CHM2046L - General Chemistry II Laboratory

General
Course Description
Prerequisite:CHM 2045, CHM 2045L Co-requisite: CHM 2046
The course includes experiments that demonstrate the basic concepts of the chemistry of gases, liquid, solids, thermodynamics, electrochemistry, reaction rates, and aqueous equilibria. (A laboratory fee of $59 will be assessed.)

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ - Billing Hours
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

CHM2210 - Organic Chemistry I

General
Course Description
Prerequisite: CHM 2046, CHM 2046L
A study of the compounds of carbon emphasizing functional group reactivity, spectroscopy, reaction mechanisms. Three hours lecture. Natural science majors must co-enroll in CHM 2210/CHM 2210 L.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CHM2210L - Organic Chemistry I Laboratory

General
Course Description
Prerequisite: CHM 2046, CHM 2046L Co-requisite: CHM 2210.
Description: Techniques used in organic laboratories such as crystallization, distillation chromatography. Three hours laboratory. Natural science majors must co-enroll in CHM 2210/CHM 2210L.
Course Fees: A laboratory fee of $59 will be assessed.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ - Billing Hours
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

CHM2211 - Organic Chemistry II

General
Course Description
Prerequisite: CHM 2210, CHM 2210L. A continuation of CHM 2210. Natural Science majors must co-enroll in CHM 2211L. Three hours lecture.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHM2211L - Organic Chemistry II Laboratory

General

Course Description
Prerequisite: CHM 2210, CHM 2210L Corequisite: CHM 2211
Description: Continuation of CHM 2210L; emphasis on organic synthesis. Three hours laboratory. Natural Science majors must co-enroll in CHM 2211/CHM 2211L.
Course Fees: A laboratory fee of $59 will be assessed.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

CHM3120 - Quantitative Analytical Chemistry

General

Course Description
Prerequisite: CHM 2046 and CHM 2046L
Description: This course examines the principles of analytical chemistry and quantitative analysis with emphasis on gravimetric and titrimetric methods.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHM3120L - Quantitative Analytical Chemistry Laboratory

General

Course Description
Prerequisite: CHM 2046 and CHM 2046L
Co-requisite: CHM 3120
Description: This course examines the practice of quantitative analysis with emphasis on gravimetric and titrimetric methods. Experiments include calibration of analytical glass, gravimetric measurements, and titrations against known and unknown samples.
Course Fees: $59

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

CHM3260 - Advanced Organic Chemistry

General

Course Description
Prerequisite: CHM 2211
The course covers structural/mechanistic and synthetic aspects of organic chemistry, focusing on both fundamental/classical concepts and contemporary topics. Classical topics include bonding and molecular structure, stereochemical and conformational aspects, structure-reactivity relationships, kinetic isotope effect, substitution, addition-elimination, reactive intermediates, aromaticity and aromatic chemistry. Contemporary topics include modern synthetic methods and reagents, concerted reactions, ligand-coupling reactions, retrosynthetic analysis, and targeted synthesis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CHM3610 - Inorganic Chemistry

General
Course Description
Prerequisites: CHM 2211, CHM 3120 and CHM 3120L
Description: This course provides coverage of topics including atomic orbitals, molecular orbital theory, nuclear properties, molecular symmetry, group theory, vibrational spectroscopy, valence bond theory, coordination chemistry, and ligand field stabilization energy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CHM3610L - Inorganic Chemistry Laboratory

General
Course Description
Prerequisite: CHM 3610
The Inorganic Chemistry Laboratory course provides an experimental basis for content covered in the prerequisite foundation course, Inorganic Chemistry. The laboratory course provides an emphasis on the synthesis of inorganic and organometallic compounds with subsequent characterization using modern analytical and physical measurements. Significant focus is placed on the complete process of both synthesis and characterization of inorganic compounds. Development of scientific communication skills is emphasized through use of a bound laboratory notebook and preparation of coherent laboratory reports written with a conventional scientific structure. (A laboratory fee of $59 will be assessed.)

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

CHM3932 - Junior Seminar in Chemistry

General
Course Description
Prerequisite: CHM 2210
Description: This course is designed to prepare students to be a major within the Department of Chemistry and Biochemistry by having them explore topics relevant to research, coursework, and future careers. Students will learn how to conduct extensive literature reviews and be trained in various modes of written and oral scientific communication. Professional development training in the form of development of a curriculum vitae and discussion of application to graduate and professional schools will also be included. Students should take this course before beginning coursework in their concentration, ideally at the end of Sophomore year or start of Junior Year. Students are encouraged to complete this course prior to Senior Seminar.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

CHM4130 - Modern Analytical Chemistry

General

Course Description
Prerequisite: CHM 2211 and CHM 3120
Description: This course examines the modern instrumental methods of analytical investigation including atomic spectroscopy, molecular spectroscopy, potentiometry, electrogravimetry, nuclear magnetic spectroscopy, chromatography, and mass spectrometry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHM4130L - Modern Analytical Chemistry Laboratory

General

Course Description
Prerequisite: CHM4410L or CHM4400LCo-requisite: CHM 4130Description: This course examines the modern analytical instruments used for chemical analysis, with an emphasis on the statistical analysis of data for preparation of scientific publications. Experiments include ultraviolet-visible spectroscopy, liquid chromatography, electrochemistry, and mass spectrometry.Course Fees: $59

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

CHM4273 - Drug Discovery

General

Course Description
Prerequisite: BCH4033
Description: This course will provide an in-depth overview of the approaches utilized by medicinal chemists to design novel, pharmacologically active molecules to treat human diseases. Topics covered in the course include the methods for the identification, design, synthesis, and evaluation of drug candidates from the perspective of medicinal chemistry. The course also examines the interaction between drug candidates with their respective biological target molecules such as proteins, DNA, and RNA. The topics of pharmacokinetics (adsorption, distribution, metabolism, and elimination) will also be covered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHM4400 - Survey of Physical Chemistry

General

Course Description
Prerequisites: CHM2046, CHM2046L, PHY2049, PHY2049L and MAC2312
Corequisite: CHM4400L
Description: This course examines the theories and experiments of physical chemistry and their application to chemical and biological systems. Topics include the laws of thermodynamics, thermochemistry, kinetics, quantum theory, microscopy, and spectroscopy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHM4400L - Survey of Physical Chemistry Lab

General

Course Description
Prerequisites: CHM2046, CHM2046L, PHY2049, PHY2049L, MAC2312, and CHM3120L
Co-requisite: CHM4400
Description: This course provides an experimental basis for the topics of physical chemistry covered in CHM4400.There is an emphasis on building experiments that investigate the laws of thermodynamics as well as using modern instrumentation to measure atomic and molecular quantities that demonstrate the quantum nature of matter.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

CHM4410 - Physical Chemistry I

General

Course Description
Prerequisite: MAC 2312, CHM 2046/2046L, PHY 2049/2049L, and PHY 2054/2054L
Description: This course examines the theories and experiments of classical thermodynamics. Topics include the laws of thermodynamics, thermochemistry, chemical equilibrium, and solutions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHM4410L - Physical Chemistry I Laboratory

General

Course Description
Prerequisite: MAC2312, CHM2046, CHM2046L, CHM3120L and (PHY2049 or PHY2054) and (PHY2049L or PHY2054L)
Co-requisite: CHM 4410
Description: This course provides an experimental basis for the topics of thermodynamics covered in CHM 4410: Physical Chemistry I. There is an emphasis on designing an experimental approach to test or demonstrate the laws of thermodynamics, which involves measurement of macroscopic variables and derivation of thermodynamic relationships.
Course Fees: $59

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

CHM4411 - Physical Chemistry II

General

Course Description
Prerequisite: CHM 4410 and CHM 4410L
Description: This course examines the theories and experiments of kinetics, quantum mechanics, and spectroscopy. Topics include rate laws, reaction mechanisms, the Schrödinger equation, molecular orbital theory, the chemical bond, electronic structure, and spectroscopic methods.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CHM4411L - Physical Chemistry II Laboratory

General
Course Description
Prerequisite: CHM 4410 and CHM 4410L
Co-requisite: CHM 4411
Description: This course provides an experimental basis for the topics of kinetics, quantum mechanics, and spectroscopy covered in CHM 4411. Modern instrumentation will be used to investigate these topics by measuring atomic and molecular quantities that demonstrate the quantum nature of matter.
Course Fees: $59

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
● **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

CHM4612 - Advanced Inorganic Chemistry

General
Course Description
Prerequisites: (CHM4410 or CHM4400) and CHM3610
Description: The Advanced Inorganic Chemistry course is an in-depth course that builds upon content covered in the prerequisite foundation course, Inorganic Chemistry. The course provides in-depth coverage of the structure and bonding of the representative p-block elements and transition metal d-block elements. Coordination compounds are examined using both crystal field theory and molecular orbital theory.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CHM4627 - Solid State Chemistry

General
Course Description
Prerequisites: (CHM4410 or CHM4400) and CHM3610
Description: The Solid State Chemistry course is an advanced course that introduces concepts relating to crystalline structures, bonding forces, superconductivity, electrochemical, magnetic, optical, and conductive properties that underlie extended solids. The lecture course provides experimental evidence and theoretical interpretations of the structure and properties of solid-state inorganic compounds. A range of synthetic and physical techniques to prepare and characterize solids is described.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CHM4800 - Chemical Informatics

General

Course Description
Prerequisite: CHM 3120
Description: This course covers the application of data science principles and practice to curation, organization, analysis and visualization of large (typically aggregated) datasets of chemical data. The goal of this course is to give each student an appreciation of how chemists use websites/databases/software to forward the progress of science, with a focus on curating, organizing, and finding chemical information. Students will learn about information and its metadata, markup languages, databases, how to collect and organize scientific information, how to identify quality information, and referencing information in research.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHM4910 - Chemical Research

General

Course Description
Prerequisite: Junior or senior standing and consent of instructor. Laboratory or field research in collaboration with chemistry faculty. No more than 4 hours will count towards major electives. (A laboratory fee of $59 will be assessed.)

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
3

CHM4911 - Chemical Research Experience

General

Course Description
Description: Students will be provided exposure in laboratory research by participating and conducting chemical experiments under the supervision of chemistry faculty.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

- Billing Hours
Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
0

CHM4930 - Selected Topics in Chemistry

General

Course Description
Prerequisite: Permission of instructor. Variable topics as related to recent advances in chemistry. May be repeated for a total of 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
3

CHM4931 - Senior Seminar in Chemistry

General

Course Description
Prerequisite: (CHM4410 or CHM4400) and (CHM4410L or CHM4400L)
Description: Library research, including the use of Chemical Abstracts and Science Citation Index will be required in this course. In addition, an oral presentation and written paper are required. Students wishing to include laboratory research should enroll in CHM 4910, Chemical Research, prior or simultaneously to this course.
Note: Senior Seminar is only offered fall and spring semesters.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

CHS4615 - Environmental Chemistry

General

Course Description
Prerequisites: CHM 3120C, CHM 2210. This course examines the sources, reactions, transport, effects and fates of chemical species in the water, soil and air environments. Three hours lecture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CHS4615L - Environmental Chemistry Lab

General

Course Description
Corequisite: CHS 4610 This laboratory course will demonstrate some of the techniques for monitoring substances in the environment. Students will be expected to work independently on problems related to real environmental problems or principles. Three hours laboratory. (A laboratory fee of $59 will be assessed.)

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

CHT3500 - (FC) Chinese Culture

General

Course Description
Description: This course examines themes pertaining to Chinese culture. Topics may include contemporary popular culture, social and political upheavals, folklore, religion, economic evolution, the governmental systems and education, among other subjects. Topics may vary from one semester to the next. The language of instruction is English.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CIS2935 - Honors Special Topics in Computer and Information Sciences

General
Course Description
Topics are reflective of state-of-the-art computing and selected from among those particularly suited to sophomore-level Honors students.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CIS3253 - (GW) Legal and Ethical Issues in Computing

General
Course Description
Prerequisite: COP 2220 Description: This course provides an opportunity to discuss and analyze the legal and ethical issues facing today's computing professionals, as well as the legal and ethical issues computing professionals may face in the future. Legal and ethical issues are considered from local, as well as global perspectives.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CIS3526 - IT Project Management

General
Course Description
Prerequisite: COP2220Description: This course introduces today's best practices in information technology project management. Students are challenged to incrementally create mock project plans and change requests to demonstrate comprehension of scope, time, cost, quality, human resources, communications, risk, procurement and stakeholder management techniques to successfully execute projects. Projects are a group assignment so students leverage their combined interests and knowledge in computer science, information science, information systems, and information technology to imagineer their projects. Formation of project change requests will require creative and analytical thinking to resolve challenges unique to the design, implementation, configuration and maintenance of IT infrastructures and/or software programs. Students who pass this course are eligible to pursue the Associate of Project Management certification (CAPM), an internationally recognized credential in the project management field.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS3949 - Experiential Studies in Computing

General

Course Description
Prerequisite: Acceptance in cooperative education program.Experiential learning (Co-op) opportunities are available for students with a minimum of 6.0 credits of core computing courses completed. Students will participate in supervised work experiences related to the computing field. No more than six credit hours of experiential learning (co-op) credit may be applied to a student's program of study. All co-op proposals must be approved by the director of the School. Co-op experiences may only be used as a free elective at either the lower or upper level.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
11

CIS4100 - System Performance and Evaluation

General

Course Description
Prerequisite: COP 3530
Description: Topics include tools and techniques used in the evaluation of the performance of computing systems, empirical modeling methods, simulation models, deterministic, and stochastic methods.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS4325 - Introduction to Systems Administration

General

Course Description
Prerequisite COP 4640 and CNT 4504
Description: Responsibilities of a Systems Administrator in the world of IT. Topics covered will include: desktop management, servers, services; processes; file systems; user management; backups; disaster recovery; logging; networking; DNS; NFS; email; security; web hosting; software installation, maintenance, and upgrades; printing; performance analysis; policies; and ethics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS4327 - Information Systems Senior Project I

General

Course Description
Prerequisite: COP 3530, COP 3855 and COP 3703Description: First of a two-course senior project on systems development with a significant laboratory component. Students will learn system development life cycle methodologies and its phases including requirements specification, analysis, and design. Students will design and develop a prototype information system in the context of the project team environment.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS4328 - Information Systems Senior Project II

General

Course Description
Prerequisite: COP 4813, CIS 4327 and CDA 4010Description:The second of a two-course senior project on systems development with a significant laboratory component. Students will design, implement, and deploy a prototype information system in the context of a project team environment employing relevant systems development life cycle methodologies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS4360 - Introduction to Computer Security

General

Course Description
Prerequisite: COP 3503
Description: This course presents basic concepts and principles of information security, and the fundamental approaches to secure computers and networks. Main topics include security basics, security management, risk assessment, software security, cryptography algorithms and protocols, and network authentication.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CIS4362 - Computer Cryptography

General

Course Description
Prerequisite: COP3530
Description: This course presents an introduction to both classical and modern computer cryptographic protocols, including the RSA algorithm. The relevant algebra and number theory will be covered, as well as material to secure data communication such as coding theory.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CIS4364 - Intrusion Detection

General

Course Description
Prerequisites: CNT 4504 and CIS 4360
Description: This course explores the use of intrusion detection systems (IDS) as part of an organization's overall security posture. A variety of approaches, models, and algorithms along with the practical concerns of deploying IDS in an enterprise environment will be discussed. Topics include the history of IDS, anomaly and misuse detection for both host and network environments, policy and legal issues surrounding the use of IDS, how IDS can complement host and network security, and current research topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CIS4365 - Computer Security Policies and Disaster Preparedness

General

Course Description
Prerequisites: CIS 4360
This course will cover material about computer security policies. Included with these policies will be specific plans about disaster preparedness in computing. These policies and plans will determine how computer professionals should react to security breaches or destructive acts of nature. Students will study existing policies and will use and develop software for creating and tracking these policies and plans. Computer security policy analysis will be completed by examining user needs and applying best practices in all course projects.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CIS4366 - Computer Forensics

General

Course Description
Prerequisites: CIS 4360
Description: Topics in this course will include computer system data recovery with a particular emphasis on computer evidence handling and computer crime detection. The students will use and develop computer software tools to reboot suspect computers, detect evidence of computer crime, and preserve that evidence for later use. Students will be trained to recover data from simulated crime environments.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CIS4618 - Expert Systems and Decision Support

General

Course Description
Prerequisite: COP 3530
Description: Topics include expert systems construction and application, use of computers in managerial decision making, examination of problem solving and decision models in relation to the business environment, and practical application emphasizing evaluation of available systems and hands-on experience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

CIS4900 - Directed Independent Study

General

Course Description
Description: This course is reserved for senior level computing and information science students, on topics supportive of the student's overall program.Repeatability: May be repeated with permission.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

CIS4910 - Computing Honors Research

General

Course Description
Prerequisite: Admission to the Honors in the Major track in Computing and Information SciencesDescription: Students will engage in research leading to the Honors project/thesis under the supervision of a faculty member.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

CIS4930 - Special Topics in Computer and Information Sciences

General

Course Description
Description: Topics are reflective of advances in state-of-the-art computing not adequately addressed in current course offerings. Repeatability: May be repeated up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
3

CIS4955 - Computing Honors

General

Course Description
Description: Students will engage in leadership activities supervised by a School of Computing faculty member. Examples of such activities include participating in student clubs, diversity and inclusion events, outreach events, and other types of events organized by the School of Computing.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

● - Billing Hours

Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
0

CIS5930 - Special Topics in Computer and Information Sciences

General

Course Description
Description: This course is reserved for beginning graduate students and advanced undergraduates. Topics are reflective of current faculty interests and advances in state-of-the-art computing not adequately addressed in current course offerings.
Repeatability: May be repeated up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
3

CIS5935 - Seminar

General

Course Description
Prerequisite: Permission of the School of Computing
Description: Course topics will reflect broader interests than covered in a standard course. Students will be expected to make presentations of material extracted from current trade publications.
Repeatability: May be repeated up to 12 credits

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
3

CIS5949 - Experiential Studies in Computing

General

Course Description
Prerequisite: Acceptance to the Graduate Program in Computing and Information Sciences and for the cooperative education program
Description: Students will participate in supervised work experiences related to computing. Up to 3 credits may be applied to the elective category for the Master of Science in Computing and Information Sciences
Repeatability: Students may repeat this course for a maximum of 6 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

CIS6371 - Applied Cryptography

General

Course Description
Description: This course is about constructing practical cryptosystems for which we can argue security under plausible assumptions. The course covers many constructions for different tasks in cryptography. For each task, we define a precise security goal that we aim to achieve and then present constructions that achieve the required goal. A unified framework will be developed to analyze those constructions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS6372 - Information Assurance

General

Course Description
Description: An overview of techniques for ensuring and managing information security. Topics include administrative and technical security controls to prevent, detect, respond to, and recover from cyber-attacks; risk and vulnerability analysis to select security controls; security planning; security architecture; security evaluation and assessment; and legal, ethical, and privacy aspects of information assurance. The course also covers information security fundamentals, such as cryptography, authentication, and access control techniques, and their use in network, operating system, database, and application layers. Security issues of current importance are stressed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS6900 - Directed Individual Study

General

Course Description
Description: This course is reserved for advanced graduate students, on topics supportive of the student's overall program.
Repeatability: May be repeated with permission.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
8

CIS6913 - Research Methods in Computing

General

Course Description
Description: Students completing this course will be prepared to conduct research in the disciplines of computing and become better interpreters of research outcomes produced by others. The issues, concepts, methods, and techniques associated with scientific inquiry in general are covered, including qualitative and quantitative methods. An emphasis is placed on communication skills, creative thinking, problem-solving, and integration of knowledge. Students will select a research problem with the approval of the instructor, review the relevant literature, produce a pertinent prospectus draft, present the proposed work in an oral and/or poster presentation format, and review presentations of peers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS6917 - Research Experiences I

General

Course Description
Description: This is the first course of a two-semester sequence for non-thesis students. The student will collaborate with a Computing faculty member on a research project, and work on it towards preparing a manuscript or a grant proposal for submission to a journal or conference proceedings or to an external funding agency during the second semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CIS6918 - Research Experiences II

General

Course Description
Prerequisite:CIS6917
Description: This is the second course of a two-semester sequence for non-thesis students. The student will continue to collaborate with a Computing faculty member on the research project they began with Research Experiences I. The student will perform experiments and/or implementation, document the research findings, and prepare and submit a manuscript to a journal or conference proceedings, or a grant proposal to an external funding agency.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

CIS6930 - Special Topics in Computer and Information Sciences

General

Course Description
Description: This course is reserved for advanced graduate students, on topics reflective of current faculty research interests.
Repeatability: May be repeated up to 27 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
8

CIS6935 - Seminar

General

Course Description
Topics reflect broader interests than covered in a standard course. Students will be expected to make presentations of material extracted from current trade publications. May be repeated up to 27 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
8

CIS6970 - Thesis

General

Course Description
Description: This course is reserved for advanced graduate students nearing completion of the Masters degree.
Repeatability: May be repeated up to 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

CIS7931 - Computing Research Seminar

General

Course Description
Description: Topics reflect broader interests than covered in a standard course. Students will be expected to make presentations of material extracted from current trade publications.
Repeatability: May be repeated up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
5

CIS7932 - Emerging Topics in Cybersecurity

General

Course Description
Description: This course is reserved for Ph. D. students, on topics from cybersecurity, reflective of current trends in the field.
Repeatability: May be repeated up to a maximum of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

CIS7934 - Emerging Topics in Intelligent Systems

General

Course Description
Description: This course is reserved for Ph. D. students, on topics from intelligent systems, reflective of current trends in the field.
Repeatability: This course may be repeated to a maximum of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

CIS7980 - Dissertation Research

General

Course Description
Description: Research for and writing of Ph. D. dissertation under direction of dissertation committee chair.
Repeatability: May be repeated for a maximum of 24 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours
Operator:
TO

Number Of Repeats:
23

CJC3410 - Methods of Offender Treatment

General

Course Description
An analysis of the many approaches, methods and techniques that may be employed in the correctional process. Also, an analysis of the rehabilitation process in relation to the offender's experience with the police, the courts, correctional institutions or service and the general public.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CJC4015 - Correctional Systems and Processes

General

Course Description
Prerequisite: CCJ 3023. This course is an in-depth study of corrections as a series of interlocking systems and the processes that unite them. Focus will be on current American practices, but attention will also be paid to alternative models both domestic and international.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CJC4510 - Punishment and Society

General

Course Description
The course explores historical and contemporary dimensions of society and punishment. Specifically, the course examines the philosophies, practices, and procedures of corrections with a primary emphasis on the United States.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CJC5135 - Prisons and Jails

General

Course Description
Description: The purpose of this course is to expose students to a variety of perspectives about the functions of the largest and most expensive component of the United States criminal justice system – prisons and jails. This course will examine the philosophical, technological, and managerial influences on contemporary criminal justice institutions. This course will also address the growth in the number of inmates and number of institutions, the expense of operating a correctional system, challenges faced by correctional staff, and the incarceration experience of inmates.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CJC5165 - Community Corrections and Offender Reentry

General

Course Description
Description: This graduate course offers an in-depth look at corrections in the community (e.g., probation, parole, electronic monitoring, work release, halfway houses, day reporting centers). The evolution of community corrections, the financial and social costs of managing offenders in the community, the overall effectiveness of community-based programs, and the emphasis on offender reentry efforts will be discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CJC5420 - Counseling Applications in Criminal Justice

General

Course Description
The exploration of how individual and group counseling strategies and techniques can be applied in situations particular to criminal justice; analysis of factors common to criminal justice settings which may affect counseling effectiveness.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CJC5425 - Methods of Offender Treatment

General

Course Description
Description: This course examines “what works” and what “doesn’t work” in treating offenders. Special attention is given to the principles of effective intervention, offender assessment, theory, and evidence-based practices. Institutional and community-based treatment, programs appropriate for use with special populations, and the importance of rehabilitation to the correctional system and to society will be discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CJC5520 - Punishment and Society

General

Course Description
Description: The course explores the social roles of punishment, including both instrumental and expressive functions served by both formal and collateral punishments. The broader link between punishment and political order will be explored, particularly the role of punishment in the production state legitimacy. The dynamics of mass incarceration and the evolution of punishment philosophies will also be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

CJE3232 - Drugs and Crime

General

Course Description
This course will explore the interactions between society and its use of both medical and psychoactive chemicals, from early times to the present day. Primary focus will be on contemporary drug usage and the attempts to control substance abuse, and the consequences for both individuals and society of criminalizing drug use.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CJE3281 - Women and the Legal System

General

Course Description
This course covers three areas of study involving women and the legal system: (1)women in the workplace, including discrimination, comparable worth, sexual harassment and education; (2)women and the family, including marriage, divorce, child custody and domestic violence; and (3)women's bodies, including reproductive rights, rape and prostitution.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CJE4017 - Law Enforcement Systems and Processes

General

Course Description
Prerequisite: CCJ 3023. This course is a historical and functional analysis of law enforcement in a democratic society. The course includes the analysis of comparative police systems, police roles, careers, values and behavior, and police organization, management and control.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CJE5121 - Homeland Security and Criminal Justice

General

Course Description
Description: This course examines the history, logic, strategies and tactics of terrorism from a domestic law enforcement perspective, including an overview of weapons of mass destruction. Global, national and local counter-terrorism efforts will be explored, as well as the impact both terrorist acts and our responses have had on the way we view the world and each other.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CJE5320 - Police Administration

General
Course Description
Description: This course will focus on the law enforcement agency from the standpoint of top and middle management, including (but not limited to) labor relations, personnel management, fiscal administration, and the integration of internal and external operations. Students will draw from organizational theory and police policy research to explore the future of policing, news media relations, leadership, negotiating skills, problematic employees, performance evaluations, community policing, and counter-terrorism.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CJE5428 - Critical Issues in Community Policing

General
Course Description
Description: This course begins with providing an overview of community-oriented policing and its major components. More specifically, students will explore the concepts of theory, problem-solving, police-community relationships, crime control, and patrol operations. This course will conclude with an examination of empirical research focused on community policing policies and strategies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CJE6268 - Minorities and Crime

General
Course Description
This course provides an overview of the role of race, social class, and ethnicity in the American criminal justice system. It examines the historical impact that the criminal justice system has had on minorities in this country, as well as the role that crime (primarily felony crime) has played in the lives of various minorities within American society. Emphasis will also be placed on both offense and victimization patterns within black and Hispanic communities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CJE6329 - Police Effectiveness

General
Course Description
Description: This course examines criteria by which the effectiveness of police can be assessed, and critically reviews empirical studies of police practice and functions. Students will examine key research findings across police operations

such as community policing, patrol, use of force, domestic violence, counter-terrorism, and preparedness. Policy-oriented research and contemporary police innovations will be the principal emphasis of this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CJJ3010 - Juvenile Delinquency and Juvenile Justice

General
Course Description
A study of the definitions and etiology of delinquent behavior; the adjudication process for juveniles, both in theory and practice; and treatment procedures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CJJ5586 - Working with Juveniles and Youthful Offenders

General
Course Description
An overview of intervention techniques and treatment methods particularly applicable for use with juvenile delinquents, runaways, neglected or abused children and youthful offenders.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CJL4310 - Criminal Law and Procedures I

General
Course Description
Prerequisites: CCJ 3023
This course covers the definition and concept of crime in Anglo-Saxon legal systems. It includes the common-law origins and subsequent statutory modification and amplification of representative substantive criminal offenses, law of search and seizure, and the exclusionary rule.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CJL4315 - Criminal Trials Seminar

General
Course Description
Prerequisite:CJL 4310 Criminal Law and Procedures I
This course offers students who have completed Criminal Law and Procedures I practical observation and study of the criminal trial process, through lecture, readings, and direct observation of criminal trials. In the courtroom setting, students will observe all aspects of the criminal justice process, from arrest through conviction and sentencing. Lecture material will supplement understanding of related aspects of the justice process, such as the law making process, bail and pretrial incarceration, prosecutorial discretion and plea bargaining, and sanctions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CJL4510 - Court Systems and Processes

General
Course Description
Prerequisite: CCJ 3023. This course examines the American judicial systems, its role and function in the criminal justice process, the actors and processes which drive it, and the outcomes it produces. Topics include the origin of American court structure and processes, criminal trial processes, rules of evidence, and the appellate court system.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CJL5025 - Women, Justice and the Law

General
Course Description
Description: This course focuses on past and present justice issues and their legal history in order to come to an understanding of how the position of women in American society has changed over time. An examination of discriminatory practices and laws and the kinds of criminal justice remedies and recourse that have occurred will be incorporated. In this graduate seminar students will also research court cases relevant to the landmark changes for women in the law.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CJL5120 - Criminal Law and Procedure in the Criminal Justice System

General
Course Description
Prerequisites: Senior Standing or higher. This a course for entering MSCJ students requiring familiarity with criminal law, criminal procedure, and the components of the criminal justice system. These topics are studied by tracking actual or hypothetical criminal cases from the commission through the conclusion of the correctional process.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CJL6020 - Prosecution and Defense Procedure

General

Course Description
Description: This course examines the operations and procedures of prosecution and defense attorneys. Prosecutorial discretion, the use of plea bargaining negotiations and the process of building a case and going to trial will be examined. The influence of factors like caseload size, differences in police operations, determinate sentencing, budget and jail costs, available social services for case diversion, defendant and victim characteristics, and political and re-election agendas on the operations and use of discretion of prosecutors will also be reviewed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CJL6026 - Issues in Law and Justice Process

General
Course Description
Description: This graduate seminar explores the many aspects of law and justice and how they fit into the larger American legal system. As a fluid entity, the law can be both responsive to public discourse and slow to adapt to contemporary problems. Due process, the courtroom work group, application of the criminal law, and processing of criminal cases as part of a larger construct that both shapes and is shaped by structural forces (i.e. poverty, structural racism, sexism).

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CLP2180 - Stress Management

General
Course Description
Description: Stress has been shown to be a significant factor in many mental and physical disorders. This course surveys the major techniques currently available to aid the individual in coping with the effect of stress. Drugs, hypnosis, medication, biofeedback and life-style modification are discussed and demonstrated.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CLP4134 - Childhood Psychopathology

General
Course Description
Prerequisite: CLP 4143 or permission of the instructor
Description: This course provides an in-depth survey of common psychological disorders in childhood and adolescence. The characteristics, risk and protective factors, developmental course, and epidemiology of these disorders will be discussed. The course will also provide an overview of diagnostic and classification schemes, and research-based overview treatment and prevention strategies. Disorders discussed will include ADHD, learning disabilities, pervasive developmental disorders, anxiety, and depression.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CLP4143 - Psychology of Abnormal Behavior

General

Course Description
Prerequisite: PSY 2012
Description: This course will increase the student's comprehension of the biological, psychological and socio-cultural variables that influence the development of problem behaviors and the theories and research in the field of abnormal psychology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CLP4313 - Health Psychology

General

Course Description
Description: This course introduces students to the mind-body relationship and the contribution of psychology in understanding health promotion, health care, and the etiology and treatment of physical illness. Representative topics covered in this course include changing health habits, stress and coping, health care utilization, patient-provider relations, and managing chronic illness such as heart disease, AIDS, diabetes, and cancer.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CLP6441C - Individual Intelligence Testing

General

Course Description
Prerequisite: PCO 6317C and consent of the instructor
Description: This is an introduction to the theory, administration, scoring, and interpretation of individual tests of intelligence. The lab component will afford students practice in all facets of intelligence testing, under supervision.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

CLP6445C - Individual Personality Testing

General

Course Description
Prerequisite: PCO 6317C and consent of the instructor
Description: This is an introduction to the diagnostic assessment of personality and personality dynamics, including objective and projective techniques. The lab component will afford students supervised practice in testing, interpretation, and report writing techniques.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

CLT4110 - Classical Background of Western Literature

General

Course Description
Readings in translation of writers such as Homer, Plato, Sophocles, Euripides, Aristotle, Virgil, Ovid, Catullus and Apuleius, with some attention to their importance to later Western culture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CNT4406 - Network Security and Management

General

Course Description
Prerequisites: CNT 4504
Description: In this course, students will identify and analyze user needs and take them into account in the selection, creation, integration, evaluation, and administration of secure computer systems. The course would focus on issues related to the management and security of various network topologies. The use of cryptographic algorithms in the design and implementation of network security protocols will be covered. Various forms of security attacks will be detected, analyzed, and mitigated.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CNT4504 - Computer Networks

General

Course Description
Prerequisite: COP 3503
Description: In this course, students will study architectures, protocols, and layers in computer networks and develop client-server applications. Topics include the OSI and TCP/IP models, transmission fundamentals, flow and error control, switching and routing, network and transport layer protocols, local and wide-area networks, wireless networks, client-server models, and network security. Students will extend course topics via programming assignments, library assignments and other requirements.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CNT5505 - Computer Networks and Distributed Processing

General

Course Description
Prerequisite: COP 3530 or COP 3538
Description: This course is intended for beginning graduate students lacking background in this area. Topics include network architecture and protocols in computer communication networks, network elements and topology, switching and routing, and, data management and security in a distributed environment. Students will extend course topics via library assignments or other instructor assigned requirements.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CNT6130 - Software Defined Networking

General
Course Description
Description: The aim of this course is to give the students a deep understanding of two important, emerging network technologies: Software Defined Networking (SDN) and Network Functions Virtualization (NFV). SDN and NFV are at the core of the dramatic transformation of today's networks. SDN makes it possible to quickly deploy exciting and highly relevant new protocols, without requiring extensive hardware changes. NFV aims to decrease the costs for network operators. NFV utilizes open source software running on commodity, off-the-shelf hardware rather than highly specialized, vertically integrated solutions produced by a small number of vendors. The combination of SDN and NFV makes it possible to quickly deploy new services for large numbers of users in both wired and wireless networks.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CNT6167 - Internet of Things

General
Course Description
Description: This course introduces the underlying network protocols for IoT communications, including rules regarding network architecture and design at the medium access and network layers. Short range wireless (e.g. Bluetooth, BLE, RFID, NFC, WiFi, LiFi), medium range wireless (e.g. IEEE 802.11ah HaLow), as well as, wired technologies (e.g. smart grid) are discussed. App development aspects of relevant technologies and their applications will be covered, as well.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CNT6407 - Internet Security

General
Course Description
Description: This course provides an in-depth study of various techniques for network attacks and methods to defend against them. A number of threats and vulnerabilities of the Internet will be covered, including various vulnerabilities of TCP/IP protocols, denial of service (DOS), attacks on routing, attacks on DNS servers, TCP session hijacking, and so on. This course will also cover defense mechanisms, including intrusion detection, firewalls, tracing the source of attacks, anonymous communication, IPsec, virtual private network, and PKI.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CNT6519 - Wireless Network Security

General

Course Description
Description: Wireless connectivity to servers and storage is becoming increasingly common these days. However, due to power, size and bandwidth limitations, the network and security management of wireless nodes have become fragile. As a starting point, wireless networks have adopted many security mechanisms from the wired world. But due to the inherent limitations, they are more vulnerable to attacks than the wired network. Threats like intercepting and unauthorized access to wireless traffic are real. More mature solutions to the security problems demand the need for understanding the current technologies and security flaws. (need to be changed to be consistent with other catalog course descriptions)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CNT6707 - Network Architecture and Client/ Server Computing

General
Course Description
Prerequisite: CNT 5505 or equivalent. Topics covered in this course include: the technology and architecture of high-speed WANs and LANs including ATM, ATM-LANE, FDDI, fast and gigabit Ethernets; design and performance issues in high-speed networks; traffic analysis and queuing; resource allocation and congestion control; QoS parameters; RSVP and differentiated services; network security; wireless networks.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CNT6730 - Advanced Computer Networks

General
Course Description
Description: The course covers both classic papers about network architecture and protocols and recent research results in various domains such as data center networking, high-performance computer networks, wireless networks, and others. The discussions also include protocol design and analysis, as well as simulation and measurement studies of new and existing protocols.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM3003 - Principles of Communication Studies

General
Course Description
Prerequisites: SPC 2608 or SPC 4064
Description: This course will examine the historical and theoretical traditions in the discipline of communication studies. Topics covered in this course will include interpersonal, language, nonverbal, group, intercultural, organizational, mass, and public communication. Students will read and discuss research as well as participate in individual and group learning activities that examine theories of human communication.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM3042 - Communication in Relationships

General
Course Description
Prerequisite: SPC 2608 or SPC 4064Description: This course will introduce theories regarding the role of dyadic interaction in both personal and professional contexts. Topics include relational development, perception, self-concept, listening, language, nonverbal communication, culture, emotions, and conflict.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM3120 - Organizational Communication

General
Course Description
Prerequisite: SPC 2608 or SPC 4064Description: Students will survey theory and research relevant to the study of organizational communication. They will also examine how communication processes shape and reshape the activities of organizing within and between organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM3332 - Mediated Communication

General
Course Description
Prerequisite: SPC 2608 or SPC 4604 and COM 3003
Description: Mediated Communication presents an introductory-level survey and overview of various new communication technologies and social media platforms. Through a discussion of their utility, functions, and roles within our society, their uses and implications across interpersonal, professional, cultural, and global contexts are assessed. This course looks at current trends in the rapidly evolving culture of mediated communication through the lenses of human communication. The impact of the evolution of the web, mobile technology, social media, and other types of digital communication are explored.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM3440 - Small Group Communication

General
Course Description
Prerequisites: SPC 2608 or SPC 4064Description: This course will introduce theories regarding the interaction of individuals in groups, and techniques of discussion applied to goal-oriented small group situations. Assignments and activities will increase understanding of communication in groups encountered in both personal and professional contexts. Topics considered include systems theory, decision-making, problem-solving, leadership, power and status, parliamentary procedure, and group development. This course includes consideration of research methods, leadership, and conflict resolution applied to active community based learning as well as classroom learning activities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM3752 - Listening

General
Course Description
Description: Listening is a valuable and necessary skill that is useful to just about any discipline. Some disciplines that would especially benefit from listening skill building include, but are not limited to: Communication, Psychology/Counseling, Criminal Justice, Political Science, Health Professions and Business. This course is interactive and designed to build listening skills such as: short-term and long-term memory, listening with interruptions, note-taking skills, comprehension and relational listening.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM3940 - Pre-internship in Communication Studies

General
Course Description
Prerequisite: COM 3003
Description: This course prepares students for internship placement in approved organizations. Students explore the core ethical principles, skills, and organizational culture related to their profession. Detailed individual research projects supplement classroom discussion in preparation for field placement of students.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

Number Of Repeats:
0

COM4022 - Theory and Research Methods in Health Communication

General
Course Description
Prerequisite: COM 3042 or by Permission of Instructor
This course will focus on theory and research methods in interpersonal, small group, and organizational communication in health contexts. Students will become familiar with theory relating to health communication; examine various research methods used in health communication research; and will demonstrate proficiency with theory by analyzing various health communication studies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM4044 - Lying and Deception

General

Course Description
Description: This course will cover a number of issues surrounding lies, truth, deception, nonverbal and verbal deception leakage cues, and ethical perspectives surrounding lying and deception. This course examines lying and deception from many angles such as: lying and deception in the media, politics, the internet, hoaxes and scams, interpersonal relationships, children as liars and targets of lies, teenage lying and deception, self-deception, the validity of lie detectors, how to read subtle deception cues, what is truth, and a host of other contexts where lying, truth telling and deception come into play. This is a research-based course and studies many videos and articles to support every lecture and assignment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM4301 - Communication Theory and Research Methods

General
Course Description
Prerequisite: SPC 2608 or SPC 4064
Description: Students will survey major theoretical approaches to and research methods in communication studies. Methods examined and used include content analysis, naturalistic inquiry, narrative analysis, interaction analysis, and triangulation approaches. Students will focus on conceptualizing, designing, interpreting, and reporting research. Differences between quantitative and qualitative research methods and the conceptual and practical knowledge of the communication research process form important areas of the course experience.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM4373 - Consequences of Cyberculture

General
Course Description
Description:
Consequences of Cyberculture presents an advanced, comprehensive, and critical examination of interpersonal, organizational, and social implications created by the Internet. The Internet and associated digital communication technologies have changed the way that humans around the globe interact, and have created a dynamic cultural shift in human communication behavior. This course will explore how the social web and emerging communication technologies facilitate, influence, and effect globalization, human relationships, social interaction, civic engagement, social discourse, privacy, and ethics. The processes of relationship formation and maintenance, information dissemination, mobile communication, and the transmission of messages instantaneously, virally, and cross-culturally are also examined.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM4411 - Communication and Popular Culture

General
Course Description
Prerequisite: MMC 3614 or Permission of Instructor
This course studies media, whether TV, advertising, film sports, music, fiction, or some other means by which a culture is formed. Students could investigate popular icons, rituals, myth, archetypes, formulae, or heroes/heroines as elements in collective experience that reflect and contribute to the formation of a culture's beliefs, mores, customs, attitudes, or laws. How pop culture is constructed, deconstructed, and maintained and how gender, ethnicity, or class are factors in cult reception as media, through its various elements, create apparent needs in a mass society. The class will apply theories, such as semiotics, genre theory, and ideology to internet media events as means for communicating and forming/reforming culture. A guiding quest is: What do particular popular cultural

artifacts communicate and how do they function in the life of culture? Another is: What is gained, damaged, or lost as media participate in virtually every aspect of a culture?

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COM4430 - International Communication

General

Course Description
This course examines the influence and roles of international communication in our increasingly globalized world. The course treats history, theories, and selected current issues and problems of international communication. It will explore issues in organizations, national sovereignty, international news media, global conflict and cooperation, human rights, diffusion of communication technologies, global medial culture, and international media regulation. Therefore, the course will be informed by interdisciplinary theoretical frameworks and methodological approaches. Students will take part in a simulation of the United Nations in which they act as delegates of various nations and/or UN officials seeking multilateral solutions to complex and often vexing international communication problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COM4561 - Strategic Social Media

General

Course Description
Description: Strategic social media prepares students with industry-standard skills and techniques to utilize a variety of new and social media platforms for organizational purposes. Exploring professional uses of social media across a variety of industries, students examine the strategy and outcomes associated with digital content management, campaign planning, consumer engagement and interaction, social listening, online brand and reputation management, ethics and governance. Using historical milestones, case studies, emerging theories, and best practices, students come to recognize and understand the innovative and ever-evolving nature of the contemporary new media landscape in applied, pragmatic, and theoretical contexts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COM4905 - Independent Study

General

Course Description
Description: This course allows the student to complete a specialized study or research project under the direction of the program faculty.
Repeatability: May be repeated for a maximum of 6 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

COM4930 - Special Topics in Communication Studies

General

Course Description
Prerequisites: COM 3003 or permission of instructor
This course will feature subjects of importance in communication studies which involve research, readings, student presentations, and discussion in a seminar format. Featured subjects could be race and communication, gender and sexuality in communication, terrorism and communication, or such other subjects that invite scholarly communication inquire and serious focused discussion.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

COM4945 - Internship Senior Project

General

Course Description
Prerequisites: COM3003, COM3120, COM3332, and COM3940Description: An internship enhances knowledge and skills acquired from coursework through a semester-long period of supervised field experience, extensive research, or both. A minimum of 210 hours of work at the internship site are required in addition to weekly progress reports, midterm and final evaluations from the professional supervising the intern, and a portfolio in which students detail and provide self-assessments of their experiences and relate the internship experience to knowledge of theory and its application gained from the major curriculum.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

COM5046 - Interpersonal Communication

General

Course Description
Description: This course will introduce theories regarding the role of dyadic interaction in both personal and professional contexts. Topics include relational development, perception, self-concept, listening, language, nonverbal communication, culture, emotions, and conflict.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COM5126 - Organizational Communication

General

Course Description
Description: This course examines the characteristics of, and dynamic relationships among, individual, interpersonal and group behavior as related to complex media-related organizations. Stress is placed on successful managerial strategies for minimizing workplace turbulence arising from employee behavior in the context of technological, structural, cultural and environmental factors. Management

practices are viewed as metaphorical processes allowing the managers to understand the genetics of the organization with diversity and key competencies allowing for a new paradigm of management.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM5226 - Theory and Research Methods in Health Communication

General
Course Description
Description: This course will focus on theory and research methods in interpersonal, small group, and organizational communication in health contexts. Students will become familiar with theory relating to health communication; examine various research methods used in health communication research; and will demonstrate proficiency with theory by analyzing various health communication studies.
Availability: One semester per year.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COM5627 - Lying and Deception

General
Course Description
Description: This course examines lying and deception as strategic and manipulative behavior. Topics include the nature of truth, communication ethics, nonhuman deception, children's use of deception, self-deception, pathological liars, con artists, imposters, and lie detection. Several contexts of deception (advertising, art, journalism, politics, relationships, etc.) will be explored.
Availability: One semester per year.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COP2220 - Programming I

General
Course Description
Prerequisite: MAC 1105 or equivalent.
Description: This course provides an introduction to problem solving techniques and the computer programming process. Topics in the course include data types, operations, expressions, flow control, I/O, functions, program structure, software design techniques, and memory allocation. Course concepts are reinforced with many programming projects throughout the course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COP2551 - Introduction to Object Oriented Programming

General

Course Description
Prerequisite or Co-requisite: CGS 1570.
This course introduces the principles and practices of object oriented (OO) programming. Topics include user interface and problem data classes; class versus instance properties and methods; abstraction; encapsulation; inheritance and multiple inheritance; polymorphism; software design techniques; and problem solving. The concepts are utilized in numerous programming projects.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP3045 - Introduction to Python Programming

General

Course Description
Prerequisite: IDC2000 or COP2220
Description: Students will be expected to have basic programming knowledge before taking this course. The course will cover an overview of Python programming fundamentals, including data types, variables, conditional statements, logical operators, iterations, and functions. The course will also cover popular programming libraries that are used for analyzing data as well as performing advanced tasks. The concepts covered in the course will be reinforced using programming projects throughout the term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP3331 - Object-Oriented Programming in Java/JavaScript

General

Course Description
Prerequisites: COP 2220 and CGS 3559 or permission. This course covers the principles and practices of object-oriented (OO) analysis, design, and implementation. Topics include functions, objects, event handlers, interactive forms, arrays, frames, documents, windows and selected topics in JavaScript; classes, packages, interfaces, exceptions, awt, threads, JDBC, and selected topics in Java.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP3404 - Systems Programming

General

Course Description
Prerequisite: COP 3503 and CDA 3100
Description: Students will learn the design and role of systems software including assemblers, loaders and linkers; assembly programming; system libraries; utility programs; concurrent programming including threads, semaphores, and synchronization; event-driven programming; memory management; and machine-dependent code optimization techniques.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COP3503 - Programming II

General
Course Description
Prerequisite: COP 2220
Description: This course serves as a continuation to the Programming I course. Students are shown additional fundamental concepts of problem solving using the object-oriented paradigm and data structures. The topics in this course include classes, interfaces, objects, class types, events, exceptions, control structures, polymorphism, inheritance, linked lists, arrays, stacks, queues, and deques. Students are expected to apply these concepts through the construction of numerous small software systems using both integrated development environments and command-line- driven tools that support editing, testing, and debugging.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COP3530 - Data Structures

General
Course Description
Prerequisites: COP 3503 and COT 3100.
Description: Students in this course will study various data structures including binary trees, balanced trees, B-trees, hashing, and heaps. Additional topics include advanced data structures such as splay trees, tree representations, graphs, dynamic memory, and algorithms for sorting and searching. Students are expected to complete projects using object-oriented programming. .

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COP3703 - Introduction to Databases

General
Course Description
Prerequisite: COP 3503
Description: This course covers database modeling with emphasis on the relational data model. Principles of relational database design, normal forms, constraints, and SQL programming will be discussed extensively. Additionally, topics related to indexing, views, transactions, XML and No-SQL databases will also be discussed. The course will cover aspects of information security and assurance as they relate to data management. Concepts covered in the course will be reinforced through the use of open source and/or commercial database management systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

COP3813 - Internet Programming

General

Course Description
Prerequisite: COP3503
Description: In this course students will use current technologies to develop Internet and web-based applications. The topics to be covered include client and server-side components for the WWW to facilitate client-server communication, web services, and an introduction to source control tools. Students will extend course topics via programming assignments, library assignments and other assigned activities.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP3855 - Web Systems Development

General

Course Description
Prerequisite: COP 3503
Description: Students learn about the influence of local and global transaction processing, Internet, Web design and development, and Electronic Data Interchange on information systems. This course discusses the concepts and skills required to design and implement Web application systems using Model–view–controller (MVC) architecture. Students learn about how Web applications are developed using client-side and server-side scripting to implement internal and external business processes. After an introduction to the basic concepts of relational database systems and Object Relational Mapping (ORM) students will practice for storing and accessing data in the database.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

COP4610 - Operating Systems

General

Course Description
Prerequisite: COP 3404 and COP 3530
Description: Topics in this course include process management, memory management, file management, and I/O device management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP4620 - Construction of Language Translators

General

Course Description
Prerequisite: COP 3530 and COT 3210
Description: This course introduces students to the theoretical foundations and practical issues of designing language translators. Students will learn how to use compiler construction tools such as generators of scanners and parsers. Grammars, parsing, lexical analysis, syntax analysis, code generation, and optimization will also be discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP4640 - Operating Systems Environments

General

Course Description
Prerequisite: COP 3503
Description: An introduction to operating systems from theoretical and applied points of view. Topics include operating system configuration, characteristics, and evaluation. The course will explore operating system theory and development using case studies of common operating systems. Students will complete laboratory assignments using the Linux operating system.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP4854 - Web Frameworks

General

Course Description
Prerequisite: COP3813
Description: This course exposes students to current web development frameworks and architectural designs. Front-end, back-end and middle-ware frameworks and tools that assist in the development of secure responsive full stack web applications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP5615 - Operating Systems

General

Course Description
Prerequisite: COP3404 and COP3530.
Description: This course is intended for beginning graduate students lacking background in this area. Topics include process management, memory management, file management, input/output device management, and distributed systems issues. Students will extend course topics via library assignments or other instructor-assigned requirements.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP6284 - Programming for Data Science

General

Course Description
Description: This course gives a broad overview of programming concepts for the data science field as well as a broad overview of the various aspects of data science process, methods, and techniques Students will gain an understanding on the data science lifecycle processes, and techniques and methods used for carrying out lifecycle activities. Students will learn how to manage and extract data from relational databases using SQL, how to write in programs in Python to conduct

data science, and how to analyze data using R. This course provides a programming primer for working with and analyzing data. Students will be familiarized with essential programming tools used by practicing data scientists.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COP6616 - Parallel Computing

General

Course Description
Prerequisites: COP 5615 and COT 5405, or equivalent. In this course, topics covered include: parallel models and hardware architectures (shared-memory, message-passing, threads); basic communication operations; concurrency and synchronization techniques; parallel algorithms analysis and design; problem partitioning and mapping; parallel programming paradigms and environments; cluster-based computing; performance and scalability issues; parallel simulations; new trends in parallel computing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COT3100 - Computational Structures

General

Course Description
Prerequisite: MAC 1101, MAC 1105 or MAC 1147
Description: This course will cover the mathematical and logical fundamentals required in computer science, information systems, information science, and information technology. The course develops concepts in discrete mathematical structures as applied to computing in general through the topics of sets; logic; proof techniques; Boolean algebra; algorithms and problem solving; number systems; number theory; counting and discrete probability; and relations and graphs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COT3210 - Theory of Computation

General

Course Description
Prerequisite: COT 3100
Description: This course will cover the theory of computation using formal methods for describing and analyzing programming languages and algorithms. Topics include finite automata and regular expressions; formal languages and syntactic analysis; pushdown automata and Turing machines; and computational complexity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COT4111 - Computational Structures II

General

Course Description
Prerequisite: COT 3100 or MAD 3107
Description: This course covers topics in combinatorial and discrete mathematics, including permutations and combinations, binomial coefficients, recurrence relations, Fibonacci sequences, generating functions, advanced counting techniques such as inclusion exclusion, as well as coding theory, Latin squares, and graph theory. Application to various problems in mathematics and computing will be covered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COT4400 - Algorithms

General

Course Description
Prerequisite: COP 3530 and MAC 2312
Description: This course will introduce fundamental techniques for designing and analyzing algorithms, including asymptotic analysis; divide-and-conquer algorithms and recurrences; greedy algorithms; dynamic programming; and graph algorithms.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COT4461 - Computational Biology

General

Course Description
Prerequisite: COP 3530; STA 4321 or STA 2023
Description: This course is an introduction to the study of Algorithmic and Computational problems in molecular biology. Computer science concepts are emphasized, such as the improvement in asymptotic running time with better algorithms, the contrast between heuristics and an algorithm with guarantees, and the difficulty posed by NP-Complete problems. Algorithms for sequence comparison, alignment, and assembly are covered, as well as problems in evolutionary trees and genome rearrangements. Combinatorial methods will be the primary focus.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COT4560 - Applied Graph Theory

General

Course Description
Prerequisite: COP 3530
Description: Students in this course will study classical graph theory, its applications in computing and modeling real-word phenomena, and graph algorithms.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COT6405 - Design and Analysis of Algorithms

General

Course Description
Description: This graduate-level course in the design and analysis of algorithms will cover techniques for the design of algorithms and the theory of NP-completeness. The main topics covered in the course include dynamic programming; divide and conquer; union-find data structures; graph algorithms; NP-completeness; and advanced topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

COT6416 - Computational Complexity

General

Course Description
Prerequisites:COT 3210, COT 4400 or COT 5405
This is a course in structural complexity theory. The focus is on the models of computation and the structure and relationship among the important classes of computational problems such as P, BPP, NP, co-NP, and PSPACE. Results on the hardness of approximating optimization problems which follow from the PCP Theorem and the theory interactive proofs will be presented.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CPO2002 - Introduction to Comparative Politics

General

Course Description
This course examines the political structures, processes, and institutions of selected advanced industrial societies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CPO3123 - (FC) Politics and Society in Britain and Ireland

General

Course Description
This course surveys political behavior and government institutions in the context of social change in modern Britain and Ireland.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CPO3151 - (FC) Politics and Society in France

General
Course Description
This course will examine the political system of France, including it's government institutions, political parties, social movements, labor unions, and elections. France's role in the European Union and other international organizations will also be analyzed, as well as the effects of globalization of French politics and culture.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CPO3213 - Politics and Society in Subsaharan Africa

General
Course Description
This course is concerned with the government, politics, and society of sub-Saharan Africa. These political systems will be traced back to their roots in traditional Africa, to colonial Africa, and to particular patterns of administration and politics based on the systems imposed by former European colonial powers. The course will also show how many customary laws and practices found expression in the political and legal structures of the new polities. Since post-independence years, politics in sub-Sahara Africa is still characterized by ethnic conflicts, military interventions, and social disequilibria, as well as by democratic governments.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CPO3402 - Politics of Pakistan and Afghanistan

General
Course Description
Description: This course provides an introduction to contemporary political issues and trends in the South Asian states of Pakistan and Afghanistan. The course examines the complex interrelationship between various ideologies, institutions, personalities, and social movements in the two countries. The course has been designed to help students gain a thorough understanding of domestic, regional, and structural causes and consequences of the two countries' revolutions and conflicts before and after the partition of the subcontinent in 1947. Other important issues such as nuclear and conventional security; state malfunction, civil war and terrorism; poverty and development; regional integration; and human security and gender discrimination are also examined in this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CPO3643 - Politics and Society In Russia

General

Course Description
This course explores politics and society in contemporary Russia. The course covers current governance systems, current policy issues, and Russian political culture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CPO4014 - Comparative Politics: Frameworks for Analysis

General

Course Description
Prerequisite: CPO 2002. In this course students will study and apply the most important theories of comparative politics against the background of current political situations. Students will examine theories of comparative culture and socialization; corporatism; communities, nationalism and nation-building; theories of political and economic development; comparative social and political organization; and democracy and transitions-to-democracy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CPO4034 - Politics of Developing Countries

General

Course Description
Prerequisite: CPO 2002 or consent of instructor.
Description: The subject of this course is political and economic development among countries within the developing world, emphasizing the economic, social, and psychological conditions affecting their political and economic status.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CPO5535 - Politics of South Asia

General

Course Description
Description: Surrounded on the south by the Indian Ocean and on land by West, Central and Southeast Asia, the region of South Asia is composed of eight developing countries of which at least four are of great strategic importance to the international political community. It's growing economic and political influence along with nuclear proliferation, rise of Islamic militancy, terrorism and wars make South Asia a focal point of growing international attention and concern. This course will provide students with a detailed overview to the political study of the eight nations of South Asia. It will be organized to facilitate cross-national comparison, with course sections on each nation addressing topics such as political culture, government structure and institutions, political parties and leaders, and social conflict and resolution.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CPO6206 - Politics of Africa

General

Course Description
This course is concerned with the government, politics, and society of countries in Africa. These topics will be explored by examining their transition from traditional Africa to colonial Africa to independent states. In addition, the course will demonstrate how systems imposed by former European colonial powers influenced the design and implementation of African institutions. Special emphasis will be placed on politics above and below the state, including local governance, non-governmental organizations, and civil society. The preceding will help frame contemporary politics in Africa, which features ethnic conflicts, military interventions, social disequilibria, and unique forms of democratic governance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CRW2000 - (GW) Introduction to Creative Writing

General

Course Description
Prerequisites: ENC 1101 and LIT 2000 or ENG 2012
In this course, students will read works from a variety of literary genres, produce samples of work in each genre, develop productive critiques of one another's work within a workshop setting, and revise at least one of their samples. This course is for students who want to develop basic skills in more than one genre of creative writing. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CRW2100 - (GW) Introduction to Fiction Writing

General

Course Description
Prerequisite: ENC 1101 and LIT 2000 or ENG 2012
In this course, students will study the basic techniques used by both canonical and contemporary fiction writers to build convincing and compelling worlds, characters, and plots. Students will then work to apply those techniques to their own fiction. They will develop the skills and techniques necessary for both a productive critique of their own and one another's fiction, and for the in-depth work of successful revision. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CRW2201 - (GW) Introduction to Creative Nonfiction

General

Course Description
Prerequisite: ENC 1101 and LIT 2000 or ENG 2012
In this course we will examine the narrative possibilities of creative nonfiction. We will explore structure, technique and authorial presence in representative works of established sub-genres, including literary journalism, travel writing, memoir, and the personal essay, as well as more experimental forms like the lyric essay and collage. Students will develop skills and techniques necessary for the productive critique of their own and one another's writing and for the in-depth work of successful revision. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CRW2300 - (GW) Introduction to Poetry Writing

General

Course Description
Prerequisites: ENC 1101 and LIT 2000 or ENG 2012
This workshop allows students to explore together the fundamentals of the craft of poetry. Students will learn the difference between poetry and prose, as well as the ability to identify the attributes that make poetry a unique and expressive art form. Students will learn basic terminology and close reading skills in order to write analyses that demonstrate precision and sensitivity to the nuances of poetic language. Students will read and memorize poems by master poets, whose work will be the focus of our analysis. Learning to explicate great poetry will provide students with skills they can apply to their own poetry, which will be the ultimate focus of this course. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CRW2400 - (GW) Introduction to Playwriting

General

Course Description
Prerequisites: ENC 1101 and LIT 2000 or ENG 2012
This course introduces students to the art and craft of playwriting. Students will read plays and analyze their basic elements—including dramatic action, characterization, dialogue, and the shape and pacing of scenes. In order to understand the nature of drama from the perspectives of actor, director, and audience as well as playwright, students will write scenes and perform them, a process that will involve staging and directing those scenes. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CRW2600 - (GW) Introduction to Screenwriting

General

Course Description
Prerequisite: ENC 1101 and LIT 2000 or ENG 2012
This course examines the basic formal elements of screenplays, including characterization, dialogue, scene structure, plot construction, genre conventions, and formatting requirements. Students will critically analyze screenplays by the great auteurs of the twentieth century. The students' major project will be to write short motion picture or television screenplays of their own. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CRW2930 - (GW) Special Topics in Creative Writing

General

Course Description
Prerequisites:ENC 1101, LIT 2000
Students will analyze literary genres, forms, conventions, structures, techniques, and creative writing strategies and apply these analyses to their own creative writing efforts and to critiquing the work of their peers. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CRW3015 - Reading Like A Writer

General

Course Description
This course trains students in methods of how to approach literature through the lens of a creative writer. By surveying how certain literary techniques and strategies are employed in texts, the course content focuses on the elements of verse and/or prose construction and as such demonstrates how discrete choices with language contribute to the formation of varied types of aesthetic experiences. Students not only will learn how to identify literary devices but also will apply them to a final project of substantial length.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CRW3110 - (GW) Fiction Workshop

General

Course Description
Description: Students will share and critique drafts of their work. These critiques will help students develop a final portfolio. Students will produce at least two substantial submissions. Students will read exemplary fiction.
Repeatability: This course may be repeated for up to 9 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW3113 - Writing Genre Fiction

General

Course Description
Fiction's subgenres include fantasy, historical fiction, mystery, romance, science fiction, and others. The Genre Fiction Workshop will help students develop an understanding of a selected genre. Students will read in-genre selections for form and style and will apply what they learn in their own writing. They will consider approaches to prewriting, revising, and editing. Students will produce a final portfolio with two finished stories and a critical analysis. This course may be taken up to three times.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW3211 - (GW) Creative Nonfiction Workshop

General

Course Description
Description: This workshop offers students multiple opportunities to employ the methods and techniques of creative nonfiction. Students will read exemplary creative nonfiction and explore issues and controversies related to the genre. They will share and critique drafts of their work. These critiques will help students develop a final portfolio. Students will produce at least two substantial submissions.
Repeatability: This course may be repeated for up to 9 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW3310 - (GW) Poetry Workshop

General

Course Description
Description: During the course of the semester, students will respond to different kinds of assignment prompts to develop their mastery of verbal craftsmanship. They will also read work by both active contemporary poets and canonical poets. Students will critique and discuss one another's work in a workshop setting in order to gain facility using language with precision.
Repeatability: This course may be repeated for up to 9 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW3610 - (GW) Screenwriting Workshop

General

Course Description
Description: This course explores the nature of screenplay writing in a workshop format. Students will analyze the basic and more advanced elements of screenplays and write an original, feature-length television or motion picture screenplay.
Repeatability: This course may be repeated for up to 9 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW3741 - Image/Text Workshop

General

Course Description
Description: The Image text workshop allows students to explore interests in sequential art, picture poetry, video essays, cinepoems and other options that integrate visual art with creative writing. Students will examine works by established writers and artists to develop and understanding of how such works are put together. They will consider approaches to planning, development, revision, and production. Students will complete a final project and provide written documentation of their process. This course may be taken up to three times.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

CRW3742 - Integrative Arts Workshop

General
Course Description
Description: In this workshop, students pursue creative interests in the arts that exist outside or across the traditional boundaries of genre and form. Student projects will explore the creative use of devices, machines, and methods in support of writing projects involving new media, performative and environmental installations, visual arts, video, sound, music, gaming, interactivity, and/or computer graphics. Each student will create a final portfolio comprised of creative work and an essay that discusses their process, resources, and results. Repeatability: This course can be repeated for up to 9 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

CRW3930 - Special Topics in Creative Writing

General
Course Description
Description: This course deals with topics of importance in creative writing. Repeatability: This course may be repeated for up to 12 credits with different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

CRW4122 - Advanced Fiction Workshop

General
Course Description
Prerequisite: CRW3110 or permission of instructor Description: The Advanced Fiction Workshop will help students develop an understanding of what a story is and how it is put together. They will consider approaches to prewriting, revising, and editing to identify and apply methods that best reflect their developing artistic character. Students will prepare a final portfolio of 15 pages. This course can be taken up to three times.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

CRW4224 - Adv. Creative Nonfic Wkshp

General
Course Description
Prerequisite: CRW3211 or permission of instructorDescription: The Advanced Creative Nonfiction Workshop will help students develop an understanding of what creative nonfiction is and how it is put together. They will consider

approaches to prewriting, revising, and editing to identify and apply methods that best reflect their developing artistic character. Students will prepare a final portfolio of 15 pages. This course may be taken up to three time. This course may be taken up to three times.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW4320 - Advanced Poetry Workshop

General

Course Description
Prerequisite: CRW3310 or permission of instructorDescription: The Advanced Poetry Workshop will help students develop an understanding of what poetry is and how it is put together. They will consider approaches to prewriting, revising, and editing to identify and apply methods that best reflect their developing artistic character. Students will prepare a final portfolio of 15 pages. This course may be taken up to three times.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW4616 - Advanced Screenwriting Workshop

General

Course Description
Prerequisite: CRW3610 or permission of instructorDescription: The Advanced Screenwriting Workshop will help students develop an understanding of what screenwriting is and how it is put together. They will consider approaches to prewriting, revising, and editing to identify and apply methods that best reflect their developing artistic character. Students will prepare a portfolio of 15 pages. This course may be taken up to three times.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW4901 - Creative Writing Independent Study

General

Course Description
Prerequisite: Senior standing and/or permission of instructor.
Description: Topics in production and editing of creative or community writing.
Repeatability: May be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
3

CRW4924 - Advanced Creative Writing Workshop

General

Course Description
Prerequisite: At least 6 hours of 3000-level CRW courses and instructor permission Description: Students will continue to develop their skills in reading, writing, and critiquing, while also becoming familiar with the submission and publication process. Projects that students will engage in may include the following: development of submission portfolios; research on journals, magazines, and online publication outlets; completion of submissions by sending out work for publication; and public readings of student work. Repeatability: This course may be repeated up to 9 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW4940 - Creative Writing Practicum

General

Course Description
Prerequisite: Permission of instructor.
Description: Practica are supervised co-curricular or pre-professional training experiences that offer students the opportunity to deepen and complement learned knowledge within their major. Students may either shadow and assist a faculty member through the teaching of a course for the purposes of intensive experience and education in pedagogy, course administration, and teaching; or participate in a professional, creative project for the purpose of intensive experience and education in project development or community writing. The student's work is monitored, guided, and evaluated by a faculty member. Repeatability: May be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
3

CRW5935 - Special Topics in Creative Writing

General

Course Description
This course will help students become more successful creative writers by concentrating on special studies or a project not otherwise offered. Students will show proficient understanding of the fundamentals of a specific literary type and how it's put together. Through intensive practice of creative writing and study of the creative process, students will plan and compose original work that best reflects their artistic character.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

CRW5944 - Creative Writing Internship

General

Course Description
Pre-requisites: CRW5935 OR CRW6925Description: This course will allow students in the M.A. program in English to apply for work positions that offer them experience in skills directly related to the program's course offerings in creative writing. These opportunities may include working in the publishing industry, book publishing, book marketing and publicity, interviewing, and book reviewing. Students may assist in the publication of a literary magazine or apply their writing to other creative industries. This course may only be taken once. Students must take CRW 5935 Special Topics in Creative Writing or CRW 6925 Graduate Creative Writing Workshop (3 Credits) as a prerequisite. Instructor and graduate coordinator permission required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

CRW6905 - Creative Writing Independent Study

General
Course Description
This course investigates topics in creative writing at the advanced level.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

CRW6925 - Graduate Creative Writing Workshop

General
Course Description
Prerequisite: graduate standing.
Repeatability: This course is repeatable 3 times.
Description: The graduate creative writing workshop can help students become more successful creative writers. Students will learn to master the fundamentals of what a story or poem is and how it's put together. They will consider various approaches to prewriting, revising, editing and publication so as to identify and apply methods that best reflect their own artistic character. Students will prepare a final portfolio of 25-30 pages of prose or 15-20 pages of poetry.

Credit Hours
Credit Hours:
3

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
9

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
3

Lecture Hours Max:
9

Lecture Hours Operator:
TO

Number Of Repeats:
2

CRW6942 - Practicum: Teaching Creative Writing

General
Course Description
Pre-requisites: CRW5935 OR CRW6925 OR CRW5944 OR CRW6905Description: This course offers English graduate students one semester of supervised teaching in an introductory creative writing class. Student practitioners will learn various styles and skills of classroom teaching and management, including course planning, development of assignments, and evaluation of student work. Students must complete two of the four CRW courses at the graduate level as a prerequisite: CRW 5935: Special Topics in Creative Writing; CRW 6925 CR Creative Writing Workshop; CRW 5xxx Creative Writing Internship; CRW 6905 Creative Writing Independent Study. Permission of instructor and graduate coordinator required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

CWR3201 - Fluid Mechanics

General

Course Description
Prerequisite: EGN 3311. Corequisite: EGN 3321. The purpose of this course is to introduce the fundamental principles of fluid mechanics, including fluid statics, fluid kinematics, and the dynamic equations for fluid mass, momentum and energy conservation. Also, the fundamental principles of fluid mechanics are used to solve basic engineering problems involving incompressible flow.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR3561 - Numerical Methods and Computing in Civil and Coastal Engineering

General

Course Description
Prerequisite: MAP 2302
Description: The students will be introduced to a suite of scientific computing environments, tools and methods upon which civil and coastal engineering practice and research relies on. The following foundational knowledge will be covered in the course: data operations and other built-in functionality; data input and output, including data formatting per different data types; symbolic manipulation, including algebra and calculus; and visualization of data. As a synthesis of the foundational knowledge gained in the course, students will develop their own code to read in data, process and analyze the input and visualize the output. Problems investigated in the course will be examples in civil and coastal engineering where higher level computing is needed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR4001 - Introduction to Coastal and Port Engineering

General

Course Description
Prerequisites: PHY 2048C, PHY 2049, and MAC 2312
Description: This course provides an introduction to the coastal environment with a focus on engineering and science applications. The course also introduces concepts important to port operations and design as related to the waterside engineering aspects. Designed for upper-level undergraduate students, the course introduces important topics and physical processes necessary to understand and work in the coastal environment. The course provides the foundation for more advanced study of water wave mechanics, coastal processes, and coastal and port engineering design.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

CWR4006 - Coastal Processes

General

Course Description
Prerequisite: CWR4001
Description: The lectures feature background theory, discussion and a detailed examination of important coastal processes with engineering applications. Course subjects cover a wide range of topics to provide a breadth of knowledge for subjects related to coastal study. Topics include coastal zone features, water wave mechanics, field measurement techniques, longshore and cross-shore sediment transport analysis, beach nourishment theory, coastal structures, tidal inlets, and coastal management. The course presents material at a level necessary to understand many intermediate and advanced processes and relationships.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

CWR4009 - Oceanography/ Meteorology

General
Course Description
Description: In this course, students will examine physical characteristics, processes and dynamics of the global ocean to understand circulation patterns and how they relate to ocean biology, chemistry, and climate change. Students will learn about total energy balance, role of eddy fluxes, inference of mean meridional circulation, diagnosis of time-mean flow, climate and its variability, theories of wind-driven circulation, frictional and inertial boundary regimes and thermohaline circulation.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR4010 - Field Methods

General
Course Description
Prerequisite: CWR4001
Description: This course will expose the student to the conception, design, logistics, and execution of field experiments and data gathering exercises in the coastal environment. Topics will include: beach profile surveying, sand sampling and analysis, wave gauge deployment, riverine and tidal current measurements, and surf zone wave and current measurements. Note that some courses will be taught off campus, in the surrounding waterways.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR4024 - Coastal & Estuarine Hydrodynamics

General
Course Description
Prerequisite: CWR 3201 and MAP 2302
Description: Linear wave theory is introduced at the beginning of the course. Other topics to be covered are: nearshore wave processes, the physics of longwave hydrodynamics, and estuarine processes. The course culminates with an application of coastal and estuarine hydrodynamics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR4121 - Groundwater Flow and Containment Transport

General

Course Description
Prerequisite: CWR 4202C
Description: This course addresses the study and evaluation of groundwater flow within aquifers. The course includes a general overview of groundwater geology, groundwater hydraulics, the hydrologic cycle, well hydraulics, aquifer testing, salt-water/freshwater interface, and fate and transport of contaminants. Each student will be required to develop a final course project.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR4202C - Hydraulic Engineering

General

Course Description
Prerequisite: CWR3201. The topics contained in this course include the fundamental equations for pipe and open conduit flow, development of design oriented formulas for pipes and open learning channels, the hydrologic cycle, precipitation and stream flow measurement and analysis, runoff prediction, hydrographs, and flood routing. Hydraulic laboratory component included.
Course Fee: $30

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

CWR4514 - Computational Fluid Dynamics

General

Course Description
Prerequisites: CWR3201 or EML3015
Description: The purpose of this course is to introduce fundamentals of computational fluid dynamics. In particular, the focus will be on simulating incompressible flow via the finite volume method. The student will also learn to use CFD software to solve complicated fluid flow problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR4550 - Water Wave Mechanics

General

Course Description
Prerequisite: CWR 3201 and MAP 2302
Description: This course will first provide an introduction to hydromechanics and then present the development and solution of the basic boundary value problem for water waves. Engineering properties of waves will then be examined including: shoaling, refraction, breaking, bed dissipation, and wave forces on structures.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR4600 - Major River Systems of Florida

General

Course Description
Prerequisite: PHY 2048, PHY 2049 and MAC 2312
Description: Due to the unique geology and ecology of Florida, its river systems are vitally important to the co-existence of man and nature. The course will provide an in-depth look at current and future issues of the major river systems (St.Johns, Kissimmee, Apalachicola, etc. in Florida). It will focus on the issues that a civil engineer will come in contact within his/her career. This course will integrate the student's perspective of the human impact on the river, the legal framework and issues of water quality management, and the biotic perspective of a healthy ecosystem. Reading material will include online state river reports. A significant research paper will be required of students which examines one aspect of a major river system whether it be human induced changes, physical or biotic processes, the impact of some physiographic feature, or an aspect ecosystem.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

CWR6007 - Coastal Processes

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: This lecture features background theory, discussion and a detailed examination of important coastal processes with engineering applications. Course subjects cover a wide range of topics to provide a breadth of knowledge for subjects related to coastal study. Topics include coastal zone features, water wave mechanics, field measurement techniques, longshore and cross-shore sediment transport analysis, beach nourishment theory, coastal structures, tidal inlets, and coastal management. The course presents material at a level necessary to understand many intermediate and advanced processes and relationships.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR6008 - Introduction to Coastal and Port Engineering

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: This course provides an introduction to the coastal environment with a focus on engineering and science applications. The course also introduces important concepts important to port operations and design as related to the waterside engineering aspects. Designed for beginning graduate students, the course introduces important topics and physical processes necessary to understand and work in the coastal environment. The course provides the foundation for more advanced study of water wave mechanics, coastal processes, and coastal and port engineering design.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR6015 - Advanced Field Methods

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: This hands-on course introduces the fundamentals of design, execution, and analysis of field studies of river and estuarine coastal environments. This course will use common oceanographic instruments and methods to collect data and samples during day trips in local marine waters.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR6025 - Water Wave Mechanics

General
Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: This course will first provide an introduction to hydromechanics and then present the development and solution of the basic boundary value problem for water waves. Engineering properties of waves will then be examined including: shoaling, refraction, breaking, bed dissipation, and wave forces on structures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR6026 - Nonlinear Waves

General
Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: This course will go beyond linear wave theory and investigate the process when two or more waves interact in a nonlinear way. An introduction will be given to stochastic description of ocean waves, wave spectrum, wave statistics, and definition of freak waves. The course will also examine non-linear wave resonance, free and bound waves, models for nonlinear wave evolution, and modulational instability.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR6128 - Advanced Groundwater Flow and Contaminant Transport

General
Course Description
Prerequisite: CWR 4202C
Description: This course addresses the study and evaluation of groundwater flow within aquifers. The course includes a general overview of groundwater geology, groundwater hydraulics, the hydrologic cycle, well hydraulics, aquifer testing, salt-water/freshwater interface, and fate and transport of contaminants. Advanced topics include the derivation of the groundwater flow equation, development of mathematical solutions to groundwater problems, and modeling of groundwater flow or contaminant transport. Each student will be required to develop a final course project as well as develop a lecture on an assigned groundwater topic related to a recent published journal article.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR6236 - River Engineering and Sediment Transport

General

Course Description
Prerequisites: CWR 4202C, MAP 2302
Description: This course examines river flow hydrology, the processes of sediment entrainment, transport, and deposition, and the interaction of flow and transport in shaping river channels. Course topics include boundary layer flow; physical properties of sediment; incipient, bed-load and suspended-load motion; bed forms; hydraulic roughness, velocity and stress fields in open channels, scour and deposition of bed material; and bank erosion. The course culminates in the application of principles and analytic tools to engineering interference (diversion, dams, dredging); river training works; and hydraulic model studies of rivers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR6241 - Sediment Transport

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: This course will teach students about the principles of sediment transport. Particular attention will be given to cohesive material in terms of flocculation and erosion as a stochastic process. Other topics include sedimentation, bed formation, erosion and fluid mud.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR6285 - Turbulence

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: This course is an introduction to turbulence. Fundamental equations of turbulent flow, statistical description, Reynolds equations, Kolmogorov's theory, scales of turbulence, homogeneous or isotropic turbulence, energy transfer, spectral description, free-shear flows, bounded flows, and boundary layers. Numerical methods to simulate turbulence, including Direct Numerical Simulations (DNS), Large Eddy Simulations (LES), and Reynolds-Average Navier-Stokes (RANS) equations and models.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR6305 - Stormwater Management

General

Course Description
Prerequisites: CWR 4202C, ENV 3001C, MAP 2302
Description: This course explores the management of Stormwater Quantity (flooding, low flow augmentation, etc.). The course involves an extensive use of case studies and focuses on the urban setting. Computer modeling techniques are emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR6526 - Computational Fluid Dynamics

General
Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: The purpose of this course is to introduce fundamentals of computational fluid dynamics. In particular, the focus will be on simulating incompressible flow via the finite volume method. The student will also learn to use CFD software to solve complicated fluid flow problems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR6531 - Numerical Modeling of Coastal Systems

General
Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: This course covers fundamentals of numerical methods and development of programming techniques to solve problems in coastal, civil and environmental engineering. This course requires substantial computer use via numerical codes in languages such as Matlab and FORTRAN. Standard topics, including Taylor series, solving systems of equations with direct and indirect methods, interpolation, root finding, numerical differentiation, finite difference approximations, time stepping methods and numerical integration, are treated in a context-based approach involving applications drawn from coastal, civil and environmental engineering. This course will provide the requisite material for courses and research in numerical modeling, field observation, and engineering and design of coasts and ports.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR6545 - Water Resources Systems

General
Course Description
Prerequisites: Engineering student graduate status or instructor permission. Description: This course introduces and applied simulation models and optimization methods to analysis, design and operation of water resource systems, including systems for water supply, water quality management, flood control and hydropower.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR6560 - Advanced Numerical Modeling of Coastal Systems

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: Finite element methods are introduced at the beginning of the course. The remainder of the course stresses the utility of numerical models in examining coastal and estuarine systems. Concepts of model building and code execution are covered culminating in a parallelized HPC (high-performance computing) numerical situation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR6605 - Major River Systems of Florida

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: Due to the unique geology and ecology of Florida, its river systems are vitally important to the co-existence of man and nature. The course will provide an in-depth look at current and future issues of the major river systems (St. Johns, Kissimmee, Apalachicola, etc., in Florida). It will focus on the issues that a civil engineer will come in contact within his/her career. This course will integrate the student's perspective of the human impact on the river, the legal framework and issues of water quality management and the biotic perspective of a healthy ecosystem. Reading material will include online state river reports. A significant research paper will be required of students which examines one aspect of a major river system whether it be human induced changes, physical or biotic processes, the impact of some physiographic feature, or an aspect ecosystem.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

CWR6820 - Coastal Structures

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: This course covers design and analysis of several types of coastal structures. Topics include structural scour, wave loading on superstructures, breakwater design, revetment design, and bulkhead design.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

CWR6824 - Coastal and Estuarine Hydrodynamics

General

Course Description
Prerequisite: Engineering student graduate status or instructor permission. Description: Linear wave theory is introduced at the beginning of the course. The remainder of the course stresses nearshore wave processes, the physics of longwave hydrodynamics, and estuarine processes. The course culminates with an application of coastal and estuarine hydrodynamics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

CWR6830 - Port and Harbor Engineering

General
Course Description
Prerequisite: Engineering student graduate status or instructor permission.
Description: This course will develop a working knowledge of various aspects of port and harbor design, focusing less on theoretical hydrodynamics and more on practical aspects of design.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DEP2002 - Foundations of Child and Adolescent Psychology

General
Course Description
Description: This course is an overview of psychological principles, theories, and research pertaining to the developing child from conception through adolescence. The course will cover biological and environmental influences on affective, cognitive, moral, social, and personality development. This course will be oriented toward an applied understanding of child and adolescent development and therefore application to teaching and/or parenting needs.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DEP3054 - Lifespan Developmental Psychology

General
Course Description
Prerequisite: PSY 2012 or permission of the instructor
Description: This course provides a scientific account of human development from conception through adolescence, and into old age, with an emphasis on empirical findings and theoretical interpretations. Within this context, issues of nature-nurture and developmental continuity-discontinuity will be explored.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DEP4060 - Applied Developmental Psychology

General
Course Description
Prerequisite: DEP 3054
Description: This course is designed to create a greater understanding of the interconnectedness of science and practice by dealing with the application of research in applied developmental psychology to a variety of areas including educational, clinical, medical and public policy. An optional associated practicum experience (PSY 4945) is offered with this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DEP4104 - Advanced Child Psychology

General
Course Description
Prerequisite: DEP 3054
Description: The goal of this course is to create a greater understanding of, and sensitivity to, contemporary child behavior by relating research to current problems in the home, the school, and society.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DEP4304 - Advanced Adolescent Psychology

General
Course Description
Prerequisite: DEP 3054
Description: This course is designed to create a greater understanding of, and sensitivity to, contemporary adolescent behavior and its relationship to family, school, and society.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DEP4464 - Psychology of Aging

General
Course Description
Prerequisite: PSY 2012 or consent of the instructor
Description: This course is an introduction to current information and psychological research on aspects of old age and aging. Topics include the intellectual, motivational, psychobiological, performance and personality changes that occur in late adulthood and old age.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DEP4482 - Death and Dying

General

Course Description
Prerequisite: DEP 3054
Description: End-of-life issues are examined within the more general context of lifespan developmental psychology. Topics discussed include historical perspectives, euthanasia, medical and legal issues, hospice, grief and bereavement, children and death, violent death/disasters/megadeath, and beyond death.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DEP6055 - Human Development

General
Course Description
Prerequisite: Admission to the Master of Science in Psychological Science program or permission of instructor.
Description: The course will provide an in-depth survey of research pertaining to central issues of developmental change across the life span. Both classical and contemporary perspectives will be examined.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DIE3213 - Nutrition Therapy I

General
Course Description
Prerequisite: HUN 3403, HUN 3230, HUN 2201 , BCH 3023, BCH3023L, BSC 2085C, BSC 2086C, CHM 2045, CHM2045L, FSS 1202, FSS 1202L.
Description: Students will be able to identify common illness conditions of populations at different stages in the life cycle, conduct nutrition assessments and screen for special dietary needs, and plan progressive diets and diets modified in consistency and residue.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

DIE3246 - Nutrition Therapy II

General
Course Description
Prerequisite: DIE 3213.
Description: Students will assess nutrient needs of, and develop nutrient based care plans for, persons with various disease conditions.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

DIE3310 - Community Nutrition

General

Course Description
Prerequisite: HUN 2201 Description: An introduction to state, federal, and local nutrition intervention programs and their impacts. Emphasis is placed on diagnostic tools used in community nutrition and programs as well as methods used to address community nutrition issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

DIE3950 - Nutrition Study Abroad

General

Course Description
This course provides students with the opportunity to travel to experience the nutrition-related history, culture, and people of a different region. Topics and regions will vary based on the corresponding study abroad experience. Students should refer to the “Schedule of Courses” or the department for further information.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

DIE4122 - Management of Food and Nutrition Services I

General

Course Description
Prerequisite: HUN 2201 MCB 2010C, FSS 1202, FSS 1202L, HSA 3101, MAC 1105.
Description: Principles for effective management of food and nutrition services in various health care settings are provided. The component parts of the food service system, from purchasing through meal service, are explored along with methods for effective and efficient delivery of nutrition care.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

DIE4125 - Management of Food and Nutrition Services II

General

Course Description
Prerequisite: DIE 4122. A study of methods for successful management of resources for food and nutrition services in the health care setting. Principles for planning and coordinating human resources, finances, materials, space, and equipment are included.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

DIE4515 - Nutrition and Dietetics Professional Capstone

General

Course Description
This capstone course for senior nutrition students will focus on professional issues in nutrition and dietetics, including practice areas, advanced degrees, specialty certifications, employment opportunities, supervised practice opportunities, ethics, and leadership. Students will develop a professional resume and will sharpen their skills in negotiation, assertiveness, and interviewing.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

DIE4906 - Dietetics Independent Study and Research

General

Course Description
Prerequisite: Permission of Department ChairpersonThis course involves design and completion of a specific dietetics research project conducted under the guidance of a faculty member. It may be repeated up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
11

DIE4912 - Projects in Nutrition and Dietetics

General

Course Description
This course involves the development and implementation or participation in conducting a designated project in dietetics. Students will work with a faculty person to determine the topic and project.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

DIE4931 - Nutrition Trends/Leadership

General

Course Description
This course is a detailed study of a topic in the dietetics field. Topics will vary each time the course is offered and will be based on the need to address a current dietetics issue or subject in detail. Students should refer to the "Schedule of Courses" or the department for further information. The course may be repeated for up to 12 credits with a change in course content.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

DIE4940 - Nutrition and Diet Field Experience

General

Course Description
This course provides supervised field experience in nutrition and dietetics. Experiences are modeled after the Commission on Accreditation of Dietetic Education foundation skills and knowledge.

Credit Hours

Credit Hours:
3

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
3

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
0

DIE6127 - Advanced Administration of Food and Nutrition Services

General

Course Description
Prerequisite: Undergraduate Nutrition Degree or Equivalent. This course equips graduate students and practicing dietitians with leadership and management skills needed to establish and maintain effective food and nutrition programs in the future. Food service and clinical nutrition management is addressed so students can adapt to a changing healthcare environment.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

DIE6128 - Food Service Management I

General

Course Description
This course will provide students with knowledge, tools and supervised experiential learning related to foodservice systems management to prepare them to lead in institutional foodservice management and entrepreneurial roles. Course topics include recipe/menu development and modification; supply and procurement; food production and service systems; sanitation and safety; quality management; management tools, functions, skills; resource management; and information management and reporting.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DIE6138 - Food Service Management II

General
Course Description
Prerequisite: DIE6128
Application of theories, principles, and functions of management to a food service system operation. Emphasis on qualitative and quantitative evaluation of operational, financial, sales, inventory, and procurement data. Students will learn concepts related to human resources, financial management, marketing and public relations, and quality management and improvement as it relates to food service systems through didactic courses and supervised experiential learning.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DIE6241 - Advanced Medical Nutrition Therapy

General
Course Description
Prerequisite: DIE6248
Description: This course is a continuation of Clinical Nutrition building on scientific foundations of nutrient metabolism (macro and micro), biochemistry, anatomy, physiology for the application of nutrition and diet to the health and disease and individuals and populations. Pathophysiology of pulmonary, critical illness, nutrition support, neurologic, microbiome, pulmonary, musculoskeletal, genetic, immunologic, cancer, pediatric diseases and surgeries for these diseases are covered along with appropriate medical nutrition therapies to prevent and manage multiple diseases concomitantly. This course includes supervised experiential learning and application of the Nutrition Care Process.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DIE6248 - Clinical Nutrition and Assessment

General
Course Description
The purpose of this course is to review and evaluate basic MNT guidelines for various diseases and apply these guidelines to cutting edge topics in nutrition practice. Additionally, this course applies a standardized process to the provision of medical nutrition therapy to client/patients in the clinical setting.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DIE6906 - Dietetics Independent Study and Research

General

Course Description
Prerequisite: Permission of Department Chair
This course involves design and completion of a specific dietetics research project conducted under the guidance of a faculty member. It may be repeated up to 15 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
14

DIE6912 - Projects in Nutrition and Dietetics

General

Course Description
This course involves the development, implementation, or participation in conducting a designated project related to dietetics. May be repeated for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

DIE6931 - Special Topics in Dietetics

General

Course Description
This course is a detailed study of a topic in the dietetics field. Topics will vary each time the course is offered and will be based on the need to address a current dietetics issue or topic in detail. Students should refer to the "Schedule of Courses" or the department for further information. The course may be repeated for up to 12 credits with a change in course content.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

DIE6940 - Clinical Practice in Nutrition and Dietetics I

General

Course Description
Description: This course is designed to provide a supervised clinical experience in dietetics that develops and enhances the entry level competencies in food service, clinical, community, and specialty practice.
Repeatability: This course may be repeated for a maximum of 15 credits.
Course Fees: $125.46

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
4

DIE6941 - Clinical Practice in Nutrition and Dietetics II

General

Course Description
This course provides the advanced student with supervision and consultation regarding their current internship rotation. Experiences in these settings provide the student with an opportunity to apply the knowledge and skills acquired throughout the academic portion of the curriculum to any management, community, or clinical setting. Under the direct supervision of a preceptor, the student will begin transitioning from a novice dietetics practitioner to entry-level performance according to the standards set forth by Academy's Code of Ethics and Standards of Practice. The actual procedures and sequence of experiences will be determined by the nature of each setting contracted by the program but designed to provide the core competencies assigned to the rotation. The student will have the opportunity to self-assess professional performance in addition to the preceptor evaluation at midterm and the end of the semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

DIE6942 - Clinical Practice in Nutrition and Dietetics III

General

Course Description
This course provides the advanced student with supervision and consultation regarding their current internship rotation. Experiences in these settings provide the student with an opportunity to apply the knowledge and skills acquired throughout the academic portion of the curriculum to any management, community, or clinical setting. Under the direct supervision of a preceptor, the student will begin transitioning from a novice dietetics practitioner to entry-level performance according to the standards set forth by Academy's Code of Ethics and Standards of Practice. The actual procedures and sequence of experiences will be determined by the nature of each setting contracted by the program but designed to provide the core competencies assigned to the rotation. The student will have the opportunity to self-assess professional performance in addition to the preceptor evaluation at midterm and the end of the semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

DIE6943 - Clinical Practice in Nutrition and Dietetics IV

General

Course Description
This course provides the advanced student with supervision and consultation regarding their current internship rotation. Experiences in these settings provide the student with an opportunity to apply the knowledge and skills acquired throughout the academic portion of the curriculum to any management, community, or clinical setting. Under the direct supervision of a preceptor, the student will begin transitioning from a novice dietetics practitioner to entry-level performance according to the standards set forth by Academy's Code of Ethics and Standards of Practice. The actual procedures and sequence of experiences will be determined by the nature of each setting contracted by the program but designed to provide the core competencies assigned to the rotation. The student will have the opportunity to self-assess professional performance in addition to the preceptor evaluation at midterm and the end of the semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

DIE6970 - Thesis

General

Course Description
Prerequisite: Permission of the Department Chair and consent of faculty member directing thesis work. Under the direction of a faculty member, the student designs, executes, and prepares for professional presentation a clinical, community or food service dietetics research project. May be repeated up to 6 hours maximum.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

DIG3176 - Introduction to the Digital Humanities

General

Course Description
Description: This course introduces students to the interdisciplinary field of the Digital Humanities. Students will explore a variety of tools, methodologies, and theoretical problems central to the application of technology in the humanities. This course is open to students in any major and is a suggested entry point for students pursuing the Digital Humanities minor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

DIG3930 - Special Topics in Digital Humanities

General

Course Description
Prerequisite: Junior standing or permission of instructor.
Description: Topics of importance in theory and/or practice of the Digital Humanities.
Repeatability: May be repeated for a maximum of 6 hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

DIG4152 - Digital Editing and Digital Archives

General

Course Description
Prerequisite: Sophomore standing or permission of the instructor.
Description: This workshop-style course engages students in Digital Humanities research through hands-on work in the transcription and TEI-XML markup of manuscript or rare print texts. Participants will also examine theoretical and practical aspects of building digital archives to gather and contextualize digital editions and other types of materials. Course activities will involve collaboration with the Thomas G. Carpenter Library and/or other repositories. Students will have the opportunity to publish their work online through the North Florida Editorial Workshop (nfew.org) or other projects. Students will be graded on their participation in course sessions, on the timeliness and quality of their editorial work, and on oral presentations and reflective writing assignments in which they will synthesize their learning.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

DIG4588 - Digital Humanities Studio

General
Course Description
Prerequisites: Nine hours within the Digital Humanities minor must be completed prior to registration
Description: This workshop-style course provides students with an opportunity to further develop a project of their choosing initiated in previous coursework, as well as to build an online portfolio of digital materials in preparation for the job market or graduate school application process.
Availability: One semester per year

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DIG4931 - Advanced Topics in Digital Humanities

General
Course Description
Prerequisite: Senior standing or permission of instructor.
Description: Advanced topics of importance in theory and/or practice of the Digital Humanities.
Repeatability: May be repeated for a maximum of 6 hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

DIG4944 - Digital Humanities Internship

General
Course Description
Prerequisite: Nine hours within the Digital Humanities minor must be completed prior to registration. Minimum GPA 2.75Description: This internship course provides an opportunity for students in the Digital Humanities minor to complete a 150-hour/semester internship with an external organization or on a project led by a member of the UNF faculty. Repeatability: May be repeated for a maximum of 6 hours.Availability: Every semester

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

DIG5930 - Topics in Digital Humanities

General
Course Description
Advanced topics in importance to the theory or practice in Digital Humanities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

DIG5944 - Digital Humanities Internship

General
Course Description
Description: This course will offer students the opportunity to apply for work positions that offer them experience in skills directly related to the department's course offerings in digital media.
Repeatability: May be repeated for a maximum of 6 hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

DIG6905 - Directed Independent Study

General
Course Description
This course will offer students the opportunity to focus on research directly related to the department's course offerings in digital media.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

EAB3013C - Foundations of Experimental Analysis of Behavior Lab

General
Course Description
Prerequisite: EXP 3412, PSY 3213 and PSY 3213LDescription: An introduction to reinforcement theory and the application of these principles to animals under controlled laboratory conditions. Topics include shaping, schedules of reinforcement, generalization, discrimination, secondary reinforcement, punishment, avoidance and changing of behavior.Course Fees: $35

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)

⚫ - Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

EAB4703 - Behavior Modification

General

Course Description
Prerequisite: EXP 3412
Description: Students will learn to apply the principles of operant and respondent conditioning to the control of human behavior. Behavioral problems in business, education, and clinical settings are frequently amenable to the behavioral approach.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EBD4231 - Specialized Curriculum for Emotionally Handicapped Learners

General

Course Description
Prerequisites: EEX 3202
Description: A survey of curriculum and curricular modifications appropriate for emotionally handicapped learners. Focus on specialized curriculum development, and the identification, evaluation, modification and use of commercial materials and programs in the areas of the affective and academic curriculum.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

EBD4243 - Instructional Strategies for Students with Emotional Handicaps

General

Course Description
This course addresses instructional strategies for teaching students with emotional handicaps to include instructional techniques and motivational strategies; the development, implementation, and evaluation of individualized educational plans; and data based management. Field experience required.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

EBD6015 - Nature and Needs of Learners with Emotional Handicaps

General

Course Description
Prerequisite: EEX 3202. This course addresses the etiology, characteristics, and educational needs of learners who are emotionally handicapped or seriously emotionally disturbed. Attention is given to prevention, intervention models, and available community resources. Field experience is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EBD6221 - Behavior Management of Learners with Emotional Handicaps

General
Course Description
Prerequisite: EEX 3202 and EEX 4604. This course addresses behavior management techniques designed for students with emotional handicaps. The emphasis is on the application of theories, prevention, crisis intervention, legal considerations, and counseling skills. Field experience is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EBD6235 - Curriculum for Students with Emotional Handicaps

General
Course Description
Curriculum, methods and media appropriate for students with emotional handicaps. Academic and social skills curricula will be addressed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EBD6242 - Advanced Strategies:Emotionally Handicapped

General
Course Description
Prerequisite: EEX 3202. This course examines appropriate academic and prosocial strategies for teaching students with emotional handicaps, including motivational strategies, data-based management, and the implementation of Individual Education Plans (IEP's). Field experience is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECO2013 - Principles of Macroeconomics

General
Course Description
In this course, students will learn the foundations of macroeconomics as the branch of economics concerned with how decision-making, in an environment of scarcity, maps onto the aggregate economy. students will examine theories and

evidence related the following core set of topics: national income determination, money, monetary and fiscal policy, macroeconomic conditions, international trade and the balance of payments, and economic growth and development.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECO2023 - Principles of Microeconomics

General
Course Description
Introduction to the market system, market structures, and the theory of production, demand theory and general equilibrium. Cannot be used to satisfy upper-level requirements for a degree in business administration and economics. Normally offered each term.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECO3101 - Intermediate Microeconomics

General
Course Description
Prerequisite: ECO 2023
Description: This course provides an analysis of consumer and business activity in the marketplace price and output determination, allocation of income and product, and problems of market organization.
Availability: This course is normally offered each fall term.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECO3203 - Intermediate Macroeconomics

General
Course Description
Prerequisite: ECO 2013
Co-requisite: ECO 3411 or MAN 4550
Description: This course analyzes aggregate economic activity and growth, focusing on national economic goals and policies for their attainment.
Availability: This course is normally offered every term.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECO3411 - Business and Economic Statistics

General

Course Description
Prerequisite: Introductory statistics. Statistical techniques developed through the use of business and economic problems. Time-series and index number analysis, simple and multiple regression and correlation, analysis of variance, and quality control. This course should be taken as early as possible in the student's upper-level curriculum. Normally offered each term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO3421 - Econometrics

General

Course Description
Prerequisite: ECO 3411, ECO 2013, and ECO 2023. Thi
s course provides an introduction to regression analysis with emphasis on the special problems associated with analyzing economic data. Topics include the theory of regression analysis, hypothesis testing, model-building, multicollinearity, heteroscedasticity, autocorrelation, and regression with dichotomous variables. The course emphasizes empirical applications of econometrics. Normally offered every fall.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO3701 - (CD) - The Global Economy

General

Course Description
This course introduces students to the contours of the global economy through the lenses of contemporary policy discussions and debates. Topics include international trade, migration, global financial flows, economic development, and international economic institutions. Students will critically evaluate a specific example of international economic policy from the point of view of a selected country.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO3704 - International Trade

General

Course Description
Prerequisite: ECO 2023. Introduction to international trade theory and practice. Analysis of trade patterns and national policies affecting trade. Normally offered every term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO4223 - Monetary Economics

General

Course Description
Prerequisite: ECO 3203 or permission of instructor. Monetary and banking institutions in the United States and their operations. Integration of monetary and fiscal policy tools. Normally offered each fall term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO4400 - Game Theory in Economics and Business

General

Course Description
Prerequisite: ECO 2023 and ECO 2013
Description: Introduction to game theory as applied in economics, business and the social sciences. Topics include simultaneous and sequential games, pure and mixed strategies, imperfect and incomplete information, best-response analysis, backwards induction, Nash equilibrium, Bayes' Theorem, repeated interaction and mechanism design.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO4504 - Public Finance

General

Course Description
Prerequisites: ECO 2013, ECO 2023 or permission of instructor. Analysis of public sector's role in the allocation of resources, redistribution of income, and taxation within an international context. Normally offered each fall term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO4713 - The International Monetary System

General

Course Description
Prerequisite: ECO 3203. Analysis of the macroeconomic aspects of international trade and investment, foreign exchange markets, exchange rate determination, and the international implications of macroeconomic policies. Normally offered each spring term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO4903 - Directed Independent Study Honors in Economics Research

General

Course Description
Description: Study of special topics under the guidance of faculty members. May be repeated with change of content up to a total of six credits. This is the first course for students who wish to conduct independent research in economics with a faculty member. This course must be completed before the student writes an Honor Thesis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

ECO4905 - Directed Independent Study

General

Course Description
Prerequisite: Permission of department chair. Study of special topics under the guidance of faculty members. May be repeated with change of content up to a total of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

ECO4933 - Special Topics in Economics

General

Course Description
Prerequisite: Permission of instructor. Study of special topics not offered in other departmental courses. May be repeated with change in content up to a maximum of 9 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
98

ECO4950 - Economics Research Practicum

General

Course Description
Prerequisite: Permission of Department Chair.Description: This is an experiential course in which the student will work with department faculty to complete a community-based research project.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
● **- Billing Hours**
Min:
0

Other Hours
Other Hours Min:
0

Number Of Repeats:
1

ECO4956 - Study Abroad in Economics

General
Course Description
Prerequisite: Permission of the instructor. Students will study a country's business practices, with a particular emphasis on economics. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the US and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Credit Hours
Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)
● **- Billing Hours**
Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
8

ECO4970 - Directed Independent Study Honors in Economics Thesis

General
Course Description
Prerequiste: ECO 4903Description: A directed research and thesis writing experience in which the student works with a faculty mentor to produce a thesis. The thesis will be evaluated by both the mentoring faculty member and two other faculty members. This is the second course for students who wish to conduct independent research in Economics with a faculty mentor. This course leads to completing Honors in Economics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

ECO6009 - International Economics

General
Course Description
Description: This graduate-level course provides the theoretical tools for studying international trade and the international monetary system and understanding the causes and implications of cross-border integration of the markets in goods and factors of production.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO6060 - Economic Analysis

General

Course Description
Description: The first half of this course covers macroeconomics and is an introduction to the theory of income determination and national income accounting. Additional topics include analysis of the use of monetary and fiscal policy to accomplish the goals of full employment, economic growth and price stability. The second half of this course covers microeconomics and is an introduction to the market system, market structures, and the theory of production, demand theory and general equilibrium.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO6415 - Making Decisions with Data

General

Course Description
Prerequisite: Graduate standing in the Coggin College of Business. This course teaches students to utilize data to make business decisions properly and efficiently. Students use both spreadsheets and statistical software to enter, summarize, graph, and analyze data, applying the results to a variety of real business problems. The course will normally be offered each term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO6426 - Applied Econometrics

General

Course Description
Prerequisites: ECO 6415 or permission of Program Director
Description: This course introduces the fundamental concepts and techniques of econometrics for the purposes of estimation and statistical inference. The central focus of the course is the generalized regression model with emphasis on specification, diagnostics, and identification. This course is designed to equip students with the necessary skills to conduct empirical analyses of real-world data and effectively communicate statistical findings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECO6427 - Microeconometrics

General

Course Description
Prerequisite: ECO6426 OR Permission of Program Director
Description: This course offers an overview of contemporary econometric methods used for analyzing microeconomic data on the behavior of individuals or businesses. Topics include linear and nonlinear models, instrumental variables, discrete choice, treatment effects, duration models, causal analysis, and panel data methods.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECO6433 - Economic Forecasting

General
Course Description
Prerequisite: ECO6426 OR Permission of Program Director
Description: This course teaches forecasting methods and time-series econometrics used to model dynamic economic processes. Topics include univariate and multivariate time-series models, smoothing, seasonality, ARIMA processes, ARCH models, error-correction, VARs, Granger causality, unit roots, and cointegration.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECO6705 - The Global Economy

General
Course Description
Prerequisite: ECO 6060
Description: The course provides the theoretical background for studying international trade and the international monetary system. Practical issues of interest to the business student, such as tariffs, import quotas, and the balance of payment, are also discussed. Normally offered fall term of odd-numbered years.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECO6906 - Directed Individual Studies

General
Course Description
Prerequisite: Consent of department chair. Study of special topics under the guidance of faculty members. May be repeated with change of content up to a maximum of six credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours
Operator:
TO

Number Of Repeats:
1

ECO6930 - Special Topics in Economics

General

Course Description
Prerequisite: Permission of Instructor. Study of special topics not offered in other departmental courses.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours
Operator:
TO

Number Of Repeats:
2

ECO6955 - Study Abroad in Economics

General

Course Description
Prerequisite: Permission of instructor. Students will study a country's business practices with particular emphasis on economics and economic policy. The course will have three phases: pre-travel preparation and orientation, foreign travel, and post-travel reflection and synthesis.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
9

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
9

Lecture Hours
Operator:
TO

Number Of Repeats:
8

ECP3203 - Labor Economics

General

Course Description
Prerequisite: ECO 2013, ECO 2023 or permission of instructor. Introduction to modern labor economics. Functioning of labor markets, role of labor organizations, labor legislation, and current labor problems. Normally offered each spring term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ECP3302 - Environmental Economics

General

Course Description
Prerequisites: ECO2023 OR permission of instructor.
Description: Application of economics to issues of environmental quality, management of natural resources and provision of public goods. Emphasis on cost/benefit analysis, institutional design and public policy solutions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECP3530 - Health Economics and Policy

General
Course Description
Prerequisite: ECO2023 Principles of Microeconomics
Co-requisite: ECO3411 Business/Economic Statistics
Description: This course explores issues related to health, health care, and health care systems from an economic perspective. Microeconomic models are employed to study demand for health and health care, health behaviors, health care providers (e.g., physicians and hospitals), the pharmaceutical industry, the market for health insurance, comparative health care systems, and trade in health services. Discussions of efficiency and equity will arise often throughout the course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ECP3613 - Urban Economics

General
Course Description
Prerequisite: ECO 2023. This course uses economic analysis to explain why cities exist, where they develop, how they grow, and how different activities are arranged within cities. Additionally, the course explores the economics of problems facing urban areas such as poverty, crime, education, and congestion.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ECP4413 - Government and Business

General
Course Description
Prerequisite: ECO 2013, ECO 2023. Economic analysis of industrial organization and the effects of government regulation of business. Normally offered spring term of odd-numbered years.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECP6705 - Economics of Business Decisions

General

Course Description
Study of the application of economic theory to decision-making in business. Normally offered each term.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ECS3013 - Economic Development

General
Course Description
Prerequisite: ECO 2013, ECO 2023 or permission of instructor. Introduction to theories and problems of economic development. Survey of development problems in both advanced and emerging economies. Selected case studies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA6061 - Introduction to Educational Leadership

General
Course Description
The course includes an investigation of educational leadership as a profession and the role of education in American culture. This course will prepare students to serve as leaders who can demonstrate effective leadership for all students, including students of all differences, students who are linguistically diverse, students with disabilities, and students from low-income families. Introduction to Educational Leadership also examines the contexts within which educational leaders function as well as their designed tasks and responsibilities. Topics of study, analysis, and discussion include administrative theory, organizational structure and culture, leadership, motivation, decision-making, communication, organizational change, school finance, school law, curriculum development and teaching, human resources administration, and the federal, state, and local framework for education

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA6191 - Team Leadership

General
Course Description
Description: This class provides students with an introduction to developing high performance work teams, leading work teams, and improving organizational teamwork in schools and other learning organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA6196 - Leadership for Learning Organizations (Operational Leadership II)

General

Course Description
Description: Within this course, students will be introduced to the world of leadership through extensive investigations regarding major responsibilities of leaders. Students explore organizational behavior theories to provide a framework for making change within organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA6215 - Developing School and Community Resources (School Leadership II)

General

Course Description
Description: This course provides students the opportunity to explore the role of the educational leader in building school and community relations, emphasizing the need to involve diverse community stakeholders in the development of effective schools. Emphasis is given to planning programs and marshalling resources to build both human and social capital in school communities. The applications addressed are interpreting policy, identifying needs, setting goals and objectives, planning programs, using technology to build partnerships, understanding school constituencies, and selecting appropriate communication tools.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA6232 - Law and Ethics in Ed Leadership (Operational Leadership III)

General

Course Description
Prerequisite: EDA 6061
Description: This course involves the study of study of constitutional, statutory, and case law. These three areas of law are examined in the course, especially as they relate to the organization and operation of public education in the United States in general and Florida in particular. The course is also a study of rules and regulations formulated by federal, state, and local agencies. Emphasis is placed on the legal process, legal reasoning, as well as legal rights, duties, obligations and responsibilities of educators, especially school leaders who work in the state of Florida. Students are given practical experience through structured activities as the course emphasizes the knowledge, analysis, and application that explores a range of leadership competencies including organizational sensitivity, problem-solving, decision-making, case scenarios, and leading small and large group meetings such as 504, ESE, ESOL, and others.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA6233 - Early Childhood Leadership Policy and Law

General

Course Description
This is a general course focused on addressing policy and law associated with early childhood education. Constitutional provisions, court decisions, and policy are examined as they impact early childhood education. This course examines the

current legal issues related to early childhood education and will introduce students to reasoning and analysis in legal matters. The course includes the study of legal and ethical issues (on both individual and structural levels) as related to practical problems of leading an early childhood program. Constitutional provisions, court decisions, and policy are examined as they impact early childhood education.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA6242 - School Finance (Instructional Leadership III)

General

Course Description
Prerequisite: EDA 6061
Description: This is a general course focused on addressing the financing of public elementary and secondary education in the United States. The course examines current economic theories, sources of revenues, and trends in the fiscal structure and operations of public education. This course will present the implications of education finance policies as a public good for society. Upon the completion of the course students will be able to manage the public school organization, operations, and resources to promote safe, efficient, and effective learning environments. Throughout this course students will discuss the investment of public funds to society.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA6271 - Technology and Educational Leadership (Operational Leadership IV)

General

Course Description
Description: The goal of this course is to provide students with knowledge, skills, and dispositions enabling them to use technology effectively as school leaders. The primary objective is demonstrating skills in the appropriate application of technology in the teaching and learning process and in the leadership, supervision, and administration of the school. The course emphasizes basic computer applications, issues in technology, and educational management systems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA6423 - Data Driven Decision-Making in Educational Leadership

General

Course Description
This course includes an in-depth study of current issues, trends, and research related to school curricula at the primary, elementary, middle and secondary school levels within regular and exceptional programs. The goal of the course is to provide students with an understanding of policies, practices, and procedures related to the development of the K-12 school curriculum through the use of school accountability measures, school-wide assessment and data-driven decision making from a leadership perspective. Federal and state department of education and information reporting requirements will be studied along with the review of developing and using data collection procedures through the use of technology. Students will study how to effectively use assessment information, data, to drive school improvement and to effectively use data-driven decision-making from a leadership perspective.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA6910 - Individual Study and Research

General

Course Description
Prerequisite: Consent of instructor
Description: This course is for students who wish to undertake an individual project related to administration and supervision.
Repeatability: This course may be repeated with change of content up to a maximum of 18 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
6

EDA6945 - Practicum in Educational Leadership

General

Course Description
Prerequisite: EDA 6061, EDA 6215, EDG 6625, EDS 6130, EDA 6196, EDA 6232, EDA 6242
Description: The primary purpose of this course is to link the theoretical and philosophical frameworks of educational leadership to practice in the field. The course requires students to perform in field settings as an assistant to an organizational leader. This course is one in the required professional development sequence leading to Florida certification in educational leadership.
Repeatability: This course may be repeated up to a total of 9 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
8

EDA7190 - Leadership for the Evolving Leader

General

Course Description
Description: The course explores the history of organizational leadership across cultural and political boundaries while examining the continuing influence of classical and modern organization. Using leadership theory and practice the course studies contemporary policies and practices of educational leadership. History, theory, research, and practice are utilized to frame the evolving images of leaders and organizations.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA7192 - Collective Leadership in Organizations and Communities

General
Course Description
Description: Students enrolled in this course focus on the interpersonal aspects of leadership and they will examine research principles and the practice of effective group/team dynamics. There is extensive attention given to group/team roles and functions, issues of group/team development, cohesion, communication, conflicts and conflict resolution. The enrollment is limited to students admitted to the doctoral program.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA7193 - Educational Leadership for Change

General
Course Description
Description: This course explores the relationship between organizational change and leadership. Students will engage in theoretical and research-based readings, discussions, and activities regarding change, innovation, leadership, organizational theory, and institutional assessment. This knowledge will enable students to better plan, communicate, and lead change efforts in educational organizations

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA7194 - Seminar in Educational Policy

General
Course Description
Description: This course will explore current and historical trends educational politics and policy, addressing both K12 and Higher Education. The course will examine educational policy making, analyze policy, and discuss policy implementation. Emphasis will be placed on the role of educational research to influence educational policy and how educational leaders can participate in and influence educational policy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA7400 - Research in Education: Quantitative Method

General

Course Description
Description: This course is a close examination of the major approaches to quantitative research in education and critical analysis of their appropriateness and strengths in studying research questions in applied contexts. Enrollment is limited to students admitted to the doctoral program. This course provides an introduction to basic research design as well as quantitative methods for analyzing and interpreting results of correlational and experimental studies in education and related disciplines. Emphasis will be placed on relations between various statistical procedures as well as on the application of statistical software in conducting and interpreting analyses. Students will be expected to run the various statistical procedures in programs like Microsoft Excel and IBM SPSS given relevant data sets and write up summaries of the results.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA7410 - Research in Education: Qualitative Method

General
Course Description
Description: The purpose of this course is to introduce students to the theories and practices of qualitative inquiry and includes a close examination of major approaches to qualitative research related to educational leadership. Qualitative researchers are interested in constructing in-depth descriptions of educational phenomena by spending time in the field and eliciting the meanings individuals give to different educational contexts, issues, and problems. From this course students will develop the skills both to critically read qualitative studies of education and design their own research studies. This course is structured to provide students with opportunities to understand the nature of qualitative inquiry, the kinds of questions addressed, and the various types of research designs used to answer them. Students will also be introduced to core qualitative data collection and analysis methods. Enrollment is limited to students admitted to the doctoral program.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA7420 - Foundations of Research in Education

General
Course Description
Co-requisites: EDF 7545
Description: This course will focus on preparing the educational leader to become an informed consumer and a novice producer of educational research within diverse communities and educational organizations. The course focuses on understanding a variety of approaches to problem identification and problem solving in education. This includes a survey of research in educational leadership including understanding various issues relative to effective design and interpretation of research studies in educational leadership. Emphasis will be on quantitative, qualitative, and mixed method approaches. Course activities will include lectures and discussions on topics relative to the understanding of educational research, individual and group activities focused on research issues, and individual projects and presentations focused on critical review of extant research studies. EDF 7545

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDA7421 - Research Design Seminar 2: Proposal Development

General
Course Description
rerequisite: EDA 7400, EDA 7410, EDA 7420, and EDA 7979
Description: The purpose of this course is to assist doctoral students prepare their dissertation proposals. The aim will be to work through the key stages of effective

proposal writing process in a seminar/workshop format. Topics addressed include defining research questions, developing a theoretical/conceptual framework, synthesizing relevant literature, finalizing IRB protocols, utilizing the peer-review process, and other theoretical and methodological topics that are relevant to the task of proposal writing. Please note that some knowledge about framing problems of practice, synthesizing literature, and methods for collecting, coding, analyzing and interpreting data is presumed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA7426 - Academic Writing in Education: Framing Problems of Practice

General

Course Description
Prerequisite: EDA 7420
Description: This course introduces students to the elements of academic writing and how it differs from other types of writing. Students will learn how to develop a research question that addresses a research problem of practice, critically synthesize existing literature in light of an appropriate theoretical framework, and construct an academic argument. The course provides students with a basic introduction to broad categories of research methods.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDA7905 - Individual Study and Research

General

Course Description
Prerequisite: Consent of instructor
Description: This course is designed for students who wish to undertake a study of selected topics related to educational leadership.
Repeatability: This course may be repeated with change of content up to a maximum of 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

EDA7979 - Research Design Seminar 1: Advanced Methods

General

Course Description
Prerequisite: EDA 7400, EDA 7420 and EDA 7410
Description: This course includes advanced experiences in designing, conducting, reporting and critiquing quantitative and qualitative research. The aim is to work through the stages of designing a research study using a seminar/workshop format. The particular focus of this course will be on the design, utilization, and reporting of commonly used quantitative and qualitative techniques and methods in education. Specific multivariate quantitative techniques (e.g., multiple linear and logistic regression analysis, and factor analysis) and qualitative data collection and analysis methods (i.e., participant observation, interviews, document analysis, constant comparative method, etc.) relevant to students developing pilot research projects will be discussed.
Repeatability: This course may be repeated up to 12 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
3

EDA7980 - Doctoral Dissertation Research

General

Course Description
Prerequisite: EDA 7400, EDA 7410, EDA 7420, EDA7421 and EDA 7979
Description: Students must register for a minimum of 12 hours of dissertation credit before completion of the program and for a minimum of 3 hours of credit each semester once admitted to candidacy. The enrollment is limited to students enrolled in the doctoral program.

Credit Hours

Credit Hours:
1

Credit Hours Max:
12

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
12

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
12

Other Hours Operator:
TO

Number Of Repeats:
12

EDE4936 - Capstone: Classroom Inquiry for Student Teaching/Internship

General

Course Description
Co-requisite: EDE4943
Description: This capstone course is designed to support student teaching interns as they develop an inquiry stance toward their role as teachers. Teacher candidates participate in regular seminars focused on inquiry. They document ways in which they are engaging in inquiry during their student teaching internship. All degree coursework with the exception of EDE 4943: Student Teaching Internship must be successfully completed prior to registering for this course. Department permission required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDE4943 - Student Teaching Internship

General

Course Description
Description: Students enrolling for EDE 4943 must have completed all of their coursework in elementary education except this course. The Student Teaching Internship is designed as a culminating experience in the student's major field which allows the student an opportunity to practice skills under careful observation and in cooperation with a master teacher. Department permission is required.Course Fees: $36

Credit Hours
Credit Hours:
9

Contact Hours
Contact Hours Min:
9

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
9

Other Hours
Other Hours Min:
9

Number Of Repeats:
0

EDE6047 - Teacher Leadership for Professional and Student Learning

General
Course Description
This course prepares teachers to facilitate educational improvement as they explore leadership roles in K-12 contexts, including exemplary practitioner, curriculum decision-maker, researcher, advocate, and facilitator of job-embedded professional development.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDE6205 - Effective Practices for Differentiating Instruction

General
Course Description
This graduate course prepares advanced educators to meet the social, physical, and cognitive needs of students through the differentiation of instructional techniques, content and curriculum, and assessment tools. Graduate students will learn both practical skills for implementing differentiation in the classroom as well as theory to support this practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDE6225 - Elementary School Curriculum and Instruction

General
Course Description
Description: This course explores the theories, methods, and procedures underlying the development and design of curriculum and instruction and the interrelationships among curriculum, instruction, and assessment supporting best practices in the elementary school.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDE6935 - Special Topics

General

Course Description
This graduate course enables study of special topics related to the education of children. It may be repeated with a change of content for up to a maximum of 9 credits (3 different three-hour classes).

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

EDF1005 - Introduction to the Teaching Profession

General

Course Description
Description: This is a survey course including historical, sociological and philosophical foundations of education, governance and finance of education, educational policies, legal, moral and ethical issues and the professionalism of teaching. Students will be provided information on the Florida Educator Accomplished Practices, Sunshine State Standards, and the Professional Educator Competencies. Students are required to complete a minimum of 18 hours of field-based experiences with children and youth in schools or similar settings. The experiences should not be conducted via virtual modes of film or Internet. It is highly recommended that this course not be taken concurrently with EDF2085 Diversity for Educators.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDF1690 - Schools On-Screen: Education in Media

General

Course Description
This course explores how the movies and television have portrayed educators, students, and schools over time. It also investigates the ways in which those representations have shaped the perceptions and understandings of US schooling.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDF2085 - Introduction to Diversity for Educators

General

Course Description
Description: Designed for the prospective educator, this course provides the opportunity to explore issues of diversity, including an understanding of the influence of exceptionalities, culture, family, gender, sexual orientation, socioeconomic status, religion, language of origin, ethnicity, and age upon the educational experience. Students will explore personal attitudes toward diversity and exceptionalities. Students will be provided information on the Florida Educator Accomplished Practices, Sunshine State Standards, and the Professional Educator Competencies. A minimum of 18 hours of field-based experiences working with diverse populations of children and youth in schools or similar settings is required. The experiences should not be conducted via virtual modes of film or Internet. It is highly recommended that this course not be taken concurrently with EDF1005 Introduction to the Teaching Profession.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDF2260 - Strategies for Student Success

General
Course Description
This course is designed to assist students in understanding their own realities, beliefs, values, motivations, and cognitive processes in order to interact more efficiently with the learning and broader social environments around them. The course is designed to introduce psychological concepts in a theoretical way then immediately apply them into students' own practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDF3151 - Educational Psychology

General
Course Description
An examination of the cognitive, social and emotional characteristics of K - 12 learners together with sources of learner individuality including culture, gender, and socioeconomic status. The course includes a discussion of learning and its implications for instruction.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDF3945 - Field Laboratory I

General
Course Description
This supervised field experience provides teacher candidates with the opportunity to design and implement instruction in selected schools under the direction of a mentor teacher and university supervisor. Individual coaching and seminars focus on standards-aligned instructional practices that support diverse learners. The knowledge, skills, and dispositions important for reflective practitioners as described in the Florida Educator Accomplished Practices are emphasized. Weekly seminars are held to augment and reinforce the field experiences. Department permission required.

Credit Hours
Credit Hours:
2

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
2

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
2

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
2

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
0

EDF3946 - Field Laboratory II

General

Course Description
Prerequisite: EDF 3945Corequisites: FLE4333 or LAE4335 or MAE4320 or MAE4330 or SCE4320 or SCE4330 or SSE4384Description: This course is a continuation supervised field experience that provides teacher candidates with the opportunity to design and implement instruction in selected schools under the direction of a mentor teacher and university supervisor. Individual coaching and seminars focus on standards-aligned instructional practices that support diverse learners. The knowledge, skills, and dispositions important for reflective practitioners as described in the Florida Educator Accomplished Practices are emphasized. Weekly seminars are held to augment and reinforce the field experiences.Department permission required. Course taken concurrently with program special methods course.

Credit Hours

Credit Hours:
2

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
2

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
2

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
0

EDF3947 - Field Laboratory III

General

Course Description
Description: Continuation of supervised, structured field experiences in selected schools designed to assist in the acquisition of the accomplished practices required by Florida State Board of Education Rules. Weekly seminars are held to augment and reinforce the field experiences.

Credit Hours

Credit Hours:
2

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
2

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
2

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
1

EDF4444 - Assessment of Learning and Behavior

General

Course Description
Prerequisite: EDF 3151Description: Examination of teacher prepared and standardized measures of student achievement, behavioral construction and other factors influencing learning and teaching.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDF4466 - Assessment of Behavior and Learning for Fine Arts Classrooms

General

Course Description
Description: Examination of teacher prepared and standardized measures of student achievement, behavioral construction, and other factors in fine arts classrooms.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

EDF6237 - Principles of Learning and Introduction to Classroom Assessment

General

Course Description
Description: The purpose of the course is to provide pre-service teachers with an overview of theories of learning and assessment, practices inside and outside the classroom. This course covers major theories of learning (Behaviorism, Social Cognitive Theory, Cognitive Constructivism, Social Constructivism, Socioculturalism, and Information Processing Theory), as well as motivation and development of learners. These theories will be contextualized to classroom and educational applications. This course also includes both formal and informal assessment processes that are intended to help teachers develop a framework of assessment for their classroom and understand the broader framework of state mandated assessment. Assessment processes that promote fairness toward members of cultural minorities, students whose first language is not English, and learners with exceptionalities are included.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDF6480 - Foundations of Educational Research

General

Course Description
Description: The purpose of this course is to provide students an introduction to understanding and interpreting qualitative and quantitative methods of educational research. Included is a review of the steps in planning, conducting, and reporting educational research, including a survey and analysis of types of research. Student work will emphasize research in the elementary school, the middle school, the secondary school, exceptional education, or adult education.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDF6495 - Research and Assessment in School Counseling

General

Course Description
Description: This course provides an overview of the fundamental concepts related to designing, conducting, analyzing, and reporting educational research and assessment. It will include the study of standardized and projective instruments for testing of individuals in areas such as intelligence, aptitudes, personality and motivation and consider current issues in educational assessment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDF6607 - Education in America

General
Course Description
Description: The goal of this course is to provide every graduate in the College of Education with the basic information needed to understand the role of education in our American culture. The course is designed to provide students with the general knowledge that will enable them to deal with new ideas, events and challenges with which they will be confronted as educated professionals.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDF6687 - Foundations of Multicultural and Urban Education

General
Course Description
Description: This course examines frameworks for deconstructing teaching and learning in urban school contexts. Students will examine myths, misconceptions, and instructional and institutional practices that influence the opportunity and achievement gaps for students-of-color and those who live in poverty. Emphasis is placed on understanding critical race theory, communities as funds of knowledge, and culturally responsive schools and classrooms that promote equity and social justice for all learners.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDF7215 - Learning and Instruction throughout the Lifespan

General
Course Description
Description: This course includes an overview and comparison of learning and instructional theories and strategies. The course includes both an overview of learning and instruction in multiple academic domains with a variety of empirically supported instructional strategies. The enrollment is limited to students admitted to the doctoral program.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDF7545 - Philosophy of Education

General
Course Description
Co-requisite: EDA 7420
Description: This course is an investigation into the basic assumptions and ideas of education, human nature, and human society, with emphases upon the epistemological, ethical, and value dimensions of education to address questions in and about pedagogy, education policy, and curriculum, as well as the processes of learning, teaching, and leadership. Students will engage in thoughtful analysis of relevant theoretical and empirical literatures regarding personal and formal philosophies and apply that literature to (1) issues of professional practice within their current and/or future professional settings, and (2) their own proposed empirical work (e.g., the doctoral dissertation). This course is a co-requisite with EDA 7420 Foundations of Research in Educational Leadership.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDF7635 - Cultural and Social Foundations of Education

General
Course Description
Description: This course examines the social, political, economic and cultural forces affecting education in the context of multicultural education. It focuses specifically on social justice, oppression, and leadership. In this course students will explore the relationships among educational and social policies, multicultural curricula, achievement, racial and ethnic identity, and culturally diverse lifestyles.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG2000 - Career Planning and Professional Success

General
Course Description
Description: This course involves self-assessment activities (looking at skills, interests, values, and personality characteristics as they relate to career choice), career decision-making, career exploration, and introducing the necessary employability skills (i.e. resume writing, networking, interviewing, and job search) to obtain and keep a job once a choice has been made. The basic purpose of this course is to provide an opportunity for students to develop the necessary skills in all areas of career development. This course is focused on helping undergraduate students understand who they are at this point in their careers and lives, to explore multiple career options, make important career decisions, and to implement their career plans.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

EDG2340 - Introduction to Differentiated Instruction

General
Course Description
This course provides an introduction to differentiated instruction, focusing on strategies and techniques to effectively address the diverse learning needs of students in the classroom. It will explore the fundamental concepts of differentiation and how to apply these concepts to create inclusive and engaging

learning environments. The course will also examine how to adapt teaching methods, materials, and assessments to support learners with varying readiness levels, interests, and learning profiles.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG3321 - Elementary Field Experience I

General

Course Description
Prerequisite: EDF 1005Co-requisite: LAE 3210Description: This supervised field experience provides teacher candidates with the opportunity to design and implement instruction in elementary classrooms under the direction of a mentor teacher and university supervisor. Individual coaching and seminars focus on standards-aligned instructional practices that support diverse learners. The knowledge, skills, and dispositions important for reflective practitioners as described in the Florida Educator Accomplished Practices are emphasized. Department Permission required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG3322 - Elementary Field Experience II

General

Course Description
Prerequisite: EDG 3321Co-requisite: LAE 3211Description: This supervised field experience provides teacher candidates with the opportunity to design and implement assessments and data-based instruction in elementary classrooms under the direction of a mentor teacher and university supervisor. Individual coaching and seminars focus on standards-aligned instructional practices that support diverse learners. The knowledge, skills, and dispositions important for reflective practitioners as described in the Florida Educator Accomplished Practices are emphasized. Department Permission required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG3323 - The Learning Process

General

Course Description
An introduction to the design and implementation of curriculum. Emphasis is placed upon developing and writing goals and objectives, planning and implementing lessons, developing and presenting instructional models, utilizing effective verbal communication and conceptualizing motivational strategies. This course requires a (minimum) 30-hour field component in a secondary school setting for education majors. Non-education majors will complete alternative assignments in lieu of the field component.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG3324 - Methods of Conceptual Teaching

General
Course Description
Description: This course introduces teacher candidates to instructional tools and strategies used to teach for conceptual understanding. Key topics from the elementary school curriculum will be used to illustrate techniques for using inquiry to teach via inquiry.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG3373 - Integrating the Arts in Elementary Formal and Informal Learning Environments

General
Course Description
Prerequisite: EDF 4444
Description: This course explores how individuals working with children in formal and informal educational settings can integrate the arts. Students learn strategies for incorporating visual art, music, dance, and drama into instruction.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG4410 - Classroom Management and Communication

General
Course Description
Prerequisite: EDF 3151Description: This course provides preservice teachers with the basic skills necessary for effective classroom management and clear communication. It specifically assists preservice teachers in developing a set of behaviors designed to elicit and maintain student learning and on-task behaviors.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG4442 - Elementary Field Experience III

General
Course Description
Prerequisite: EDG3322Co-requisite: SCE4310Description: This penultimate supervised field experience (semester immediately preceding internship/student teaching) provides teacher candidates with the opportunity to design and implement instruction in elementary classrooms under the direction of a mentor teacher and university supervisor. Individual coaching and seminars focus on standards-aligned instructional practices that support diverse learners. The knowledge, skills, and dispositions important for reflective practitioners as described in the Florida Educator Accomplished Practices are emphasized. Department Permission required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EDG4905 - Individual Investigation and Study

General

Course Description
Prerequisite: Consent of division chairperson or specific faculty member. Individual investigation of a selected topic in greater depth under the guidance of a faculty member. May be repeated up to 24 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
7

EDG6067 - Introduction to Teacher Inquiry

General

Course Description
Description: This course provides the foundational tools of teacher inquiry for graduate studies in education and prepares graduate students for further action research in which the educator engages in a reflective examination of their own practice. Students will compare models of teacher inquiry, discussing the theoretical frameworks from historical and contemporary perspectives. They will also engage in teacher inquiry in their professional contexts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

EDG6070 - Teacher Thinking and Decision Making In School Settings

General

Course Description
This course provides the field-based participants with the knowledge and skills necessary to understand their curricular and instructional decision making for continuous improvement of teaching.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG6285 - Fundamentals of Program Evaluation

General

Course Description
Description: This course provides basic knowledge and the opportunity to develop fundamental skills in the evaluation of education and human service programs. Emphasis is on the evaluator's responsibility for designing and implementing an evaluation, conducting data analysis, and reporting evaluation results. Emphasis is on the application of qualitative and quantitative methods for conducting an assessment of program implemental, outcome, and impact. Students also examine applications of evaluative research in educational decision making and policy development.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG6287 - Principles of School Accountability and Assessment (Instructional Leadership II)

General
Course Description
Description: This course provides an introduction to principles of school accountability and techniques in school-wide assessment. There is emphasis on understanding federal and state department of education information reporting requirements, reviewing and developing data collection procedures, and using assessment information for school improvement.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
0

EDG6348 - Coaching and Mentoring for Effective Teaching and Instruction

General
Course Description
Description: This course is designed as an introduction to instructional coaching, a form of job-embedded professional learning focused on improving instructional practice in order to improve student learning. It is intended for educators who want to collaborate with a colleague in peer coaching structures and for teacher leaders who want to understand the power of job-embedded coaching. Participants in this course will apply the coaching cycle in an embedded practicum.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG6407 - Managing Effective Learning Environments

General
Course Description
This course is structured around four key components: (1) a broad-based theoretical understanding of the attributes of positive effective learning environments; (2) pedagogical and professional knowledge regarding the needs of students as they relate to positive student social maturation and cognitive growth; (3) a systematic and focused continuum of effective strategies for obtaining desired goals that are appropriate to the students, learning context, the specific instructional intents, the teacher's beliefs, existent skills, and knowledge; (4) a philosophical foundation that supports the development and application of the

dispositions appropriate to the profession in all stages of preparation. The course is designed to provide both theoretical knowledge for future cognitive growth, but also to develop management strategies and plans for immediate implementation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG6415 - Principles of Instruction and Classroom Management

General

Course Description
Description: This course provides a foundation for pedagogical and professional knowledge based upon research, thoughtful discussion, reflection and inquiry. As a culturally responsive classroom management course, there is an emphasis on the development of knowledge about the cultural backgrounds of students and families, congruent and nonverbal communication practices, culturally appropriate management strategies, examining one's own assumptions, and the creation of caring, respectful classroom communities that ensure the physically and emotionally safety of all. Specifically, this course addresses the challenges and opportunities in creating effective learning communities in the increasingly diverse classrooms in U.S. public secondary schools.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG6427 - Teacher Inquiry for Internship

General

Course Description
Description: The focus of this course is on the development of a systematic form of inquiry that is collective, collaborative, self-reflective, critical, and undertaken by graduate students. The course provides the opportunity for pre-service teachers to acquire skills in question development, data collection, data analysis, and the interpretation and presentation of results. Emphasis is on the classroom as a context for conducting teacher research to: a) increase understanding, b) solve classroom problems, and c) contribute to the body of knowledge about teaching and learning. Students also examine applications of action research in educational decision-making and policy development.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
5

EDG6625 - Curriculum and Assessment Leadership

General

Course Description
Description: This course includes an in-depth study of current issues, trends, and research related to school curricula at the primary, elementary, middle and secondary school levels within regular and exceptional programs. The goal of the course is to provide students an understanding of policies, practices, and procedures related to the development of the K12 school curriculum through the use of school accountability measures and school-wide assessment. Federal and state department of education and information reporting requirements will be studied along with the review of developing and using data collection procedures through the use of technology. Students will study how to effectively use assessment information to drive school improvement.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG6632 - Multicultural Content in School Curriculum

General
Course Description
Emphasis is upon developing curriculum units that infuse multicultural content in the school curricula for art, music, literature, social studies, science and mathematics. Emphasis is on ancient and modern cultural contributions of African, Asian, Hispanic, Native American and other cultural and ethnic groups.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG6757 - Teaching Linguistically Diverse Students

General
Course Description
A study of the theories, practices, and methods of constructively using the school students' first language as the basis for mastering standard English. Emphasis is placed upon Black English as a sociolinguistic system, principles of teaching English as a second language to non-native speakers of English, and verbal and nonverbal communication as sources of cultural conflict in the classroom. African American, Hispanic American, Asian America, and other linguistic heritages are included.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDG6906 - Individual Study and Research

General
Course Description
Consent of division chair or specific faculty member required. May be repeated up to 24 credits.

Credit Hours
Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
0

Other Hours Max:
3

Other Hours
Operator:
TO

Number Of Repeats:
3

EDG6911 - Action Research in Education

General

Course Description
The focus of this course is on the implementation of a systematic form of inquiry that is collective, collaborative, self-reflective, critical, and undertaken by the participants of the inquiry. The course provides the opportunity to acquire skills in question development, data collection, data analysis, and the interpretation and presentation of results. Emphasis is on the classroom as a context for conducting teacher research to: a) increase understanding, b) solve classroom problems, and c) contribute to the body of knowledge about teaching and learning. Students also examine applications of action research in educational decision-making and policy development.
This course may be repeated for a total of 6 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
6

Lecture Hours
Operator:
TO

Number Of Repeats:
5

EDG6937 - Special Topics Seminar

General

Course Description
Description: This graduate course enables study of special topics related to topics in education of current interests or of special interest to students or instructors. Topics or focus may vary from semester to semester.
Repeatability: May be repeated under different topics up to a maximum of 9 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
9

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
9

Lecture Hours
Operator:
TO

Number Of Repeats:
8

EDG7224 - Advanced Perspectives on Curriculum

General

Course Description
Description: This course deepens students' understanding of curriculum and analyzes historical and contemporary theories, issues, and trends from multiple perspectives including social justice and equity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG7282 - Policy and the Role of the Educational Leader

General

Course Description
Description: This course examines issues related to educational policy and reform from the perspective of educational leaders. Course topics include the history of educational policy development, frameworks for educational policy making, processes for analyzing educational policy, issues regarding the implementation of policy, and methods of policy research and evaluation

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG7359 - Facilitating and Designing Professional Learning

General

Course Description
Description: This course introduces students to current theories and practices in professional learning and examines the role of leadership in professional learning. The course examines broader relationships between professional learning, education policy, and practice. Students will develop the pre-requisite knowledge, skills, and abilities needed to facilitate, evaluate, and study effective professional learning through inquiry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDG7932 - Advanced Seminar in Instructional Assessment

General

Course Description
Description: This course focuses on evidence-based assessment of learning drawing upon learning and instructional theory and models, of effective teaching. Emphasis will be placed on the use of data for continuous improvement and program evaluation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDH6020 - Foundations of Student Affairs

General

Course Description
Description: This course is designed to provide an overview of: a) the philosophical and historical foundations of student affairs programs and the student affairs profession; b) the culture and socio-political landscape of post-secondary institutions where the profession is practiced; c) professional development opportunities, resources, and organizations in the profession; and, d) the knowledge, skills, dispositions, and practices needed to be a successful student affairs practitioner.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6025 - Higher Education Advancement

General
Course Description
Description: This course addresses the role of institutional advancement, development, and alumni engagement in Higher Education. Topics covered will include giving campaigns, donor relations, planned giving, alumni organization and communications, and endowment management.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6031 - Leadership of Student Affairs

General
Course Description
Description: This course is an exploration of leadership on college campuses. As such, it begins by examining conceptual and theoretical concepts and constructs of leadership as well as how student affairs personnel, higher education administrators, and students have developed and enacted notions of leadership. Thus, students will have opportunities to apply what they are learning within authentic leadership contexts. Leadership is viewed through multiple lenses: as an art (especially a performing art), a philosophy, a social science, a lifestyle, and a social contract. Emphasis is given to manifestations of leadership in the higher education setting, which by nature will draw on business, political, sociological, and psychological constructs and approaches. The course is focused in scope on institutional-level leadership within university and college systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6041 - College Student Counseling

General
Course Description
Description: This course is designed to help students develop a comprehensive overview of key concepts and theoretical underpinnings of counseling for application in higher education administration and student affairs settings, as well as opportunities to develop skills in using basic counseling techniques and procedures. This course is not designed to prepare professional counselors, but rather to prepare Higher Education Administration and student affairs professionals to understand and demonstrate effective helping skills in order to best meet student and institutional needs.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6045 - Student Development in Higher Education

General
Course Description
Description: The purpose of this course is to examine a diverse range of perspectives including human development theories that provide context and insight into student learning, growth, and development during their post-secondary experiences. This class will develop understanding related to how these perspectives and theories might inform the policies, practices, and programs within post-secondary institutions and student affairs, specifically.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6050 - Diversity in Higher Education

General
Course Description
Description: This course is designed to prepare effective, culturally competent higher education leaders through self-examination and discussions about the cultural beliefs, norms, behaviors and policies that impact diversity within higher education. Guided by the premise that our cultural lenses shape how we view and solve educational challenges related to diversity and multiculturalism in higher education, this course will use personal reflections and relevant research to facilitate the understanding and knowledge of the structures, policies, and trends related to diversity in higher education.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6058 - Comparative Higher Education

General
Course Description
Description: This seminar focuses on international Higher Education by surveying post-secondary systems and institutions in a broad variety of countries and regions. The course will comparatively examine institutional and national policies related to accessibility, mission, curriculum, organization, institutional leadership, student life, and finances. The course will also discuss the development and planning of study abroad programs, with an emphasis on the countries surveyed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6069 - Foundations of Higher Education

General
Course Description
Description: This course provides a history of higher education through an overview of American and international institutions of higher learning, a survey of the philosophical missions and purposes served by colleges and universities, and an investigation of some of the pressing challenges and emerging practice issues confronting these institutions. This course presents an overview of higher education, with an emphasis upon the development of colleges and universities, and how these developments help shape and define current institutional practices and policies. A number of curricular, administrative, and policy issues will be examined and selected current problems will also be discussed in greater depth throughout the semester.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

EDH6250 - Study Abroad in Higher Education Administration

General

Course Description
Prerequisite: EDH 6058
Description: An opportunity for students to live and study in residence at an international college or university. The course will include lectures and seminars conducted by international faculty; opportunities to observe and interact with local administrators; and, to observe students, staff, and facilities in a variety of settings. The course will also allow students to observe and model best practices for planning and conducting study abroad programs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDH6401 - Higher Education Policy

General

Course Description
Description: This course will examine the policy and politics of Higher Education at the local, state, and national level. Coursework will examine state and federal support for public and private higher education and the agendas and expectations of policymakers for higher education. This course will include questions of public support for higher education, expectation for learning outcomes, community and economic development, and implications for institutional governance. The course will address the process of creating and influencing higher education policy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EDH6405 - Higher Education Law

General

Course Description
Description: This course is an overview of the legal issues that confront college and university personnel. Pertinent federal and state statutes as well as case law will be used to instruct about legal rights and responsibilities of university and college administrators. The legal relationships between the institution and the faculty, the student, the state government, and the federal government will be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EDH6415 - Personnel Management in Higher Education

General

Course Description
Description: This course provides an examination of personnel management in higher education. Topics include talent acquisition, retention, and development. A major focus of this course is how higher education institutions can strategically use human resources to advance their mission. A number of curricular, administrative, and policy issues related to human resources will be examined and selected current problems related to human resources will be discussed in greater depth throughout the semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDH6416 - Career Services in Higher Education

General

Course Description
Description: Career Services in Higher Education provides students with the broad-based theoretical foundations of this discipline as well as practical knowledge, skills, and dispositions that will prepare them to function effectively as employees or managers of career services in institutions of higher education.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDH6505 - Higher Education Finance

General

Course Description
Description: This course provides an overview of the economic and financial landscape of higher education. Aspects of higher education business management and principles will be covered including economic concepts that impact higher education, funding methods, budgeting, marketing, and personnel management functions. Influences and effects of current financial and economic issues on institutions of higher learning such as large public universities, small private colleges, community colleges, and adult education & training programs will be discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EDH6510 - Grants Development and Project Design

General

Course Description
Description: This course addresses all aspects of grants development, from the germination of ideas to preparing a competitive proposal. Topics include needs assessment, problem statement development, funding searches, literature review, methodology, performance objectives, evaluation design, and budget planning. The course emphasizes resource development for educators and human service professionals in a variety of settings. This course has no pre- or co-requisites. It may also be taken by graduate and post-baccalaureate students in related disciplines.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDH6635 - Organization and Leadership in Higher Education

General

Course Description
Description: This course explores issues of organization, governance, and leadership practice in two and four-year colleges and universities. The diverse types of American institutions of higher learning are examined in the context of mission and purpose, programs and services, and the needs of both external and internal constituents. The roles of specific leaders are examined, giving attention to the current issues and challenges that each functional unit in an institution must face. This micro-view of leadership roles is framed by examination of the broader issues of mission, administration, governance, and responsiveness to social change

that influence the evolving concept of higher education in American culture.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6637 - Campus Crisis Management

General
Course Description
Description: Campus Crisis Management will examine historical and current events that form the nexus for emergency response in institutions of higher learning. Students will be exposed to relevant case studies and scenarios that will provide insight into the aspects of crisis management in higher education and include organizational response to campus unrest, active shooters, natural disasters, physical plant failures, structural collapse, bad publicity and other non-emergency "crises".

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6648 - Outcomes Assessment in Higher Education

General
Course Description
Prerequiste: EDF 6480
Description: This course provides basic knowledge and the opportunity to develop fundamental skills in the evaluation of higher education and student affairs programs. Greater calls for higher education accountability have placed renewed focus on successful demonstration of program effectiveness. Thus, the focus of the course is on the evaluator's responsibility for designing and implementing a program evaluation, conducting data analysis, and reporting evaluation results. Emphasis is on performing high quality and effective program implementation, outcomes assessment and impact. This course also examines applications for higher education practice and policy development.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EDH6946 - Practicum in Higher Education Administration

General
Course Description
Description: The primary purpose of this course is to link the theoretical and philosophical frameworks of higher education administration and student affairs to practice in the field. The course requires students to perform in field settings as an assistant to an organizational leader. The course is intended as an elective for students seeking practical experience in higher education, student affairs, and related fields.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

EDS6050 - Instructional Leadership (Instructional Leadership IV)

General

Course Description
Description:This course introduces students to the professional knowledge, theories, skills, and dispositions necessary to function as an instructional leader, with emphasis on the supervisory role. The course examines the roles and responsibilities of instructional leaders in the processes of leading effective teaching and learning. Special emphasis is given in this course to the development of knowledge and skills needed for school-based leader's effective assessment of instructional practices, instructional systems, and promoting professional development. Special attention is given to the process of mentoring, coaching, serving as a lead instructor, conducting meetings, and using a clinical development model. The course will include the review of evaluation documents for teachers and school leaders from a variety of levels and sources.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EDS6130 - Human Resource Development in Education (Operational Leadership I)

General

Course Description
Description: This course is a study of the theories, practices, processes and procedures which comprise personnel and supervisory functions within educational organizations. Emphasis is placed on strategic planning, recruitment, selection, induction, assessment and performance appraisal, professional development and collective bargaining. The course will include a review of the use of data-based and shared decision-making strategies to enhance human resource processes with an emphasis on leading professional development and job-embedded professional learning.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC3266 - Program Planning: Infants, Toddlers, and Young Children

General

Course Description
Description: This course uses a relationship-based model as a framework for understanding how infants and toddlers grow and learn with the support of their families and teachers. The first section of the course sets the stage by focusing on early experiences, family relationships, theoretical perspectives, and why and how to observe and document children's interests, development, and behavior. The second section describes the remarkable development of children in the prenatal period and in the emotional, social, cognitive, language, and motor domains. The important concept of attachment is described including theories and emotional development. The third section of the course covers day-to-day responsive program planning, guidance, including children with special needs, and professionalism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

EEC3408 - Forming Family, School and Community Partnerships

General

Course Description
The course will focus on the acquisition of knowledge and skills needed for forming effective partnerships with diverse families and community stakeholders. Family systems and their impact on children's development and learning will be

explored. Candidates will identify and implement effective practices to foster family involvement on a number of levels. Candidates will learn effective communication strategies as well as current state and federal initiatives for serving children and families.

Credit Hours

Credit Hours:
2

Credit Hours Max:
3

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
3

Contact Hours Operator:
OR

Billing Hours (Students)

● **- Billing Hours Min:**
2

Billing Hours Max:
3

Billing Hours Operator:
OR

Lecture Hours

Lecture Hours Min:
2

Lecture Hours Max:
3

Lecture Hours Operator:
OR

Number Of Repeats:
0

EEC3731 - Movement and Wellness for the Young Child

General

Course Description
Description: This course introduces candidates to theories, strategies, and concepts to promote the well-being of the whole child.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC4054 - Leadership and Service in Early Childhood Settings

General

Course Description
This course is designed as an introduction to the knowledge, skills, and competencies for responsible service and leadership in diverse early childhood settings and provides preparation for students to be engaged, responsible, and actively involved in community involvement and leadership in the early childhood community. This course will provide the student with early childhood-related community experiences that will foster a realization of the importance of civic engagement to ameliorate the negative impact of social injustice, including the impacts of low socioeconomic status, on young children, families, ethnic minorities, and marginalized populations of our society.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC4203 - Primary Education II

General

Course Description
Strategies for planning the curriculum, utilizing appropriate practices and resources for developing effective programs for primary aged children.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEC4207 - Measurement, Evaluation, and Planning for Young Children

General
Course Description
Prerequisite or co-requisite: LAE 3210
Description: Students will learn formal and informal strategies related to assessment, analysis, planning and differentiating instruction. Students will select and implement tools and procedures and interpret and apply findings through lesson planning and implementation. This course meets requirements for students in the prek-primary concentration.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEC4213 - Teaching Literacy in Early Childhood through Grade 3

General
Course Description
Prerequisite: LAE 3210 and EEC 4260
Description: This course is an integrated methods course for Language Arts, Reading and Literature for students in the Early Childhood Major with a focus in prek-primary licensure or a focus in early childhood development. This course provides students with a basic foundation for teaching and assessing beginning reading, writing, and aural or verbal skills through an integrated curriculum format. Students will gain an understanding of the importance of fiction and informational literature, as well as implementing developmentally and culturally appropriate practices.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEC4245 - Social Studies in Early Childhood through grade 3

General
Course Description
Prerequisite: EEC 4260Description: This course provides an overview of social studies content and ways to effectively integrate the content across the curriculum. The course will include updated research and theory on the developmental practices and principles of teaching young children (through grade 3). Methods of developing students' critical and creative thinking through a focus on social justice, advocacy and democratic principles will be explored. The course includes a 10-hour field experience.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEC4260 - The Whole Child and Play

General
Course Description
This community-based transformational learning course is designed to enhance the knowledge of young children, increase engagement in the early childhood community, and provide opportunities for professional growth. Topics include developmentally appropriate practices related to play and learning; an overview of the benefits of play in childhood (birth to 18); an overview of play theories; and the

influence of environments on stages, types, and elements of play across the lifespan as well as curriculum, policies, and program development related to play and trauma-informed practice using current state and national standards

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC4321 - Teaching Mathematics in Early Childhood Settings through grade 3

General

Course Description
Prerequisite: EEC 4260
Description:This course focuses on the acquisition of knowledge and skills to design and implement appropriate curriculum and instruction for young children learning mathematics. Candidates explore concepts, create learning experiences, learn best practices for teaching and assessing mathematical understanding and thinking of all learners, including children with exceptional needs or those identified as English Language Learners.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC4323 - Teaching Science in Early Childhood Settings through grade 3

General

Course Description
Prerequisite: EEC 4260
Description: In consonance with the conceptual framework, this course focuses on the acquisition of knowledge and skills for designing and implementing appropriate curriculum and instruction for young children learning science. Candidates explore concepts, create learning experiences, and work with children from diverse backgrounds. Candidates learn together and from each other as they reflect, discuss issues, and collaborate with one another.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC4410 - Global Community Engagement

General

Course Description
In concert with the College of Education and Human Service's mission to collaborate with local, regional, national, and international stakeholders to promote transformational learning experiences for our students, this course will provide teacher candidates and students an opportunity to put into practice their knowledge of leadership and principles of service learning in a variety of real-world educational settings. As part of this experience, teacher candidates and students will gain an understanding of the educational setting and factors that impact education, including the political, historical, cultural, and social issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEC4604 - Primary Education III

General

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEC4912 - Supervised Inquiry and Research

General
Course Description
Description: Students will work under the supervision of faculty on one or more inquiry-based or research projects. Course may include laboratory research, action research, honors research, community engagement and service learning, data analysis, field experiences, or library research.
Repeatability: This course may be repeated for a maximum of six credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

EEC4940 - Childhood Practicum

General
Course Description
This course provides students with the opportunity to work in early childhood settings. Students are expected to demonstrate competencies in teaching, assessment, and meeting the needs of all children and families with the guidance of a cooperating master teacher, coach, program area leader or the college internship supervisor. Students may complete the practicum in their work setting with the approval of advising and program area leaders. All students must complete the required background clearance process prior to any work with children. EDF 3945 and/or EDF 3946 may be substituted with advisor approval. Department Permission Required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

EEC4942 - EC Student Internship

General
Course Description
This internship allows candidates to demonstrate the knowledge, skills, and dispositions of effective and reflective practitioners. Candidates will demonstrate their ability to effectively teach and assess all children. The course includes seminars and structured field experiences in public school settings. Candidates will demonstrate proficiency with the Florida Educator Accomplished Practices and integrate the knowledge, skills, and dispositions addressed in other program courses. They will demonstrate the knowledge and skills to design, teach, and assess effective lessons in diverse learning communities. They will demonstrate an appreciation and understanding of the multicultural composition of our population and those students for whom English may be a second language. Department Permission Required.

Credit Hours
Credit Hours:
9

Contact Hours
Contact Hours Min:
9

Billing Hours (Students)

⚫ - Billing Hours
Min:
9

Other Hours

Other Hours Min:
9

Number Of Repeats:
0

EEC6205 - Curriculum and Instruction in Early Childhood Education

General

Course Description
Classroom organization and teaching strategies for teachers of primary aged children.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC6261 - Program Planning for Infants, Toddlers, and Young Children

General

Course Description
Description: This course provides students with an understanding of culturally, linguistically, and developmentally appropriate programs in community settings providing services to infants, toddlers, young children, and their families. It emphasizes the importance of understanding the nature of infants, toddlers, and young children, and how they learn, with a focus on understanding the developmental domains. Special emphasis is put on the necessity of understanding the infant, toddler, and young child in the context of his or her family and community.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC6611 - Early Childhood Education

General

Course Description
Theoretical bases and resultant trends in the developmental programs for primary aged children.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEC6756 - Social-Emotional Learning and the Young Child

General

Course Description
Examine the importance of social-emotional learning and the young child (ages 0-8). The scope of the course will include: defining emotions, exploring how children develop socially and emotionally, defining an emotion-centered curriculum, exploring the connections between social development and other domains of development: cognition, language, and adaptive. We will pay particular attention to the role that parent-child and teacher-child interactions play in the normative development of children's social competence.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEC6944 - Practicum in Early Childhood Education

General
Course Description
Prerequisite or corequisite: EEC 6611, EEC 6205. Observation and interpretation of classrooms for primary aged children. The student will select special topics related to effective practices for teachers of young children.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EEE3308 - Microelectronics I

General
Course Description
Prerequisite: EEL 3111
Description: This course covers basic microelectronic design techniques. Topics include operational amplifiers, diodes and transistor characteristics and applications, and analysis and design of amplifiers. Computer-aided tools in the design and analysis of microelectronic circuits are used.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEE4200C - Biomedical Instrumentation and Systems Design

General
Course Description
Prerequisite: EEL3111
Description: This course is an introduction to instrumentation systems used in clinical medicine and biomedical research. Techniques and principles of bioinstrumentation include biosignal and noise, biosensors, electrodes, electrocardiogram (ECG), defibrillators, pacemakers, electroencephalography (EEG), electromyogram (EMG) and others. The course is grouped into labs targeting specific biological system functions themes: Human Circulation, Human Muscle, Human Heart, Human Nerve, and bioinstrumentation design.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EEE4214 - Biomedical Imaging

General

Course Description
Prerequisite: EEL3111
Description: This course is a review of fundamental concepts of Medical Imaging and Medical Image Processing. Students will learn the physics behind different medical imaging modalities such as X-ray, computed tomography, magnetic resonance imaging, radioisotope imaging, ultrasound, and optical tomography. Students will learn medical image processing methods such as smoothing and sharpening filters, morphological filters, area measurement and edge tracer of retinal images and experimentally apply them to projects. Students will also learn various image processing algorithms including Machine Learning techniques.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEE4284 - Biomedical Signal Processing

General

Course Description
Prerequisite: EEL3135
Description: This course is an introduction to digital signal processing and its applications in Biomedical engineering. Topics include discrete-time signals, Sampling (reduction of a continuous-time signal to a discrete-time signal.), and aliasing, digital Filter design: LP, HP, BP, FIR and IIR, linear and non-linear filtering, and the discrete Fourier transform. The course includes examples of biomedical signals for analysis and shows the roles of machine learning in relation to processing biomedical signals and the applications in medicine and healthcare.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEE4290C - Biomedical Engineering Research Methods

General

Course Description
Prerequisite: EEL3111
Description: This course is an introduction to methodology applied to research involving human subjects. Students will understand ethical issues related to biomedical, behavioral and clinical research. Historic and current information on regulatory and ethical issues will be reviewed, including the role of federal agencies such as the FDA. Basic information about human subject protection, regulations and Institutional Review Boards (IRBs), including the role, authority, and composition of the IRB will be provided. Students will be introduced to the approval process for commercialization of new medical devices. Students will design, collect and analyze data as part of a human subject research project.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EEE4309 - Microelectronics II

General

Course Description
Prerequisite: EEE 3308 and EEL 3112.
Description: This course covers advanced electronic design techniques. Topics include frequency response of amplifiers, output stages and power amplifiers, differential and multistage amplifiers, feedback and stability, oscillator design and analysis, and applications of linear and digital integrated circuits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEE4309L - Electronics Lab

General

Course Description
Prerequisite: EEL 3112, EEL 3117L, and EEE 3308
Co-Requisite: EEE 4309
Description: This is the laboratory portion of EEE 4309.
Course Fees: $75

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EEE6508 - Advanced Topics in Signal Processing

General

Course Description
Prerequisite: EEL 4750 Introduction to Digital Signal Processing or equivalent
Description: This course provides an overview of modern signal processing methods including: signal modeling, spectral estimation, adaptive algorithms, neural networks, and applications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EEL3013 - Modeling and Simulation in Electrical Engineering

General

Course Description
Co-requisite: COP 2220
Description: This course is an introduction to modern modeling and simulation tools and techniques as applied to electrical engineering domains. Course content may include topics in Matlab, Simulink, Labview, or other electrical engineering modeling and simulation tools.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL3111 - Circuit Analysis I

General

Course Description
Prerequisites: PHY 2049 and MAC 2313
Co-requisite: MAP 2302
Description: This course covers basic analysis of electrical circuits. Topics include voltage, current, power, energy, resistance, basic laws, circuit theorems, operational amplifiers, capacitance, inductance, transient analysis as well as phasors, impedances and admittances for sinusoidal steady-state analysis. The use of simulation and computational methods to analyze electrical circuits is introduced.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL3112 - Circuit Analysis II

General

Course Description
Prerequisites: EEL3111 and MAP2302
Description: This course provides further AC and DC circuit analysis methods. Topics include AC circuit analysis, AC power analysis, frequency response, circuit analysis using Laplace transforms, and circuit analysis using Fourier series and Fourier transforms. A computer-aided tool is used.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL3117L - Electrical Circuits Laboratory

General

Course Description
Co-requisite: EEL 3112, EEE 3308
Description: Laboratory experiments emphasizing electrical instrumentation, circuit-theory verification plus network analysis and design.
Course Fees: $75

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● - Billing Hours
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EEL3135 - Signals and Systems

General

Course Description
Prerequisite: EEL 3112, MAS 3105 and EEL 3013
Description: This course covers concepts and properties of continuous-time and discrete-time liner time-invariant systems, frequency domain analysis of signals and systems, discrete fourier transform, fast fourier transform (FFT), and their applications. Computer-aided tool is used.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL3216 - Introduction to Power Systems

General

Course Description
Prerequisite: EEL 3111
Description: This course includes the study of phasors, three-phase transmission systems, power transformers, transmission line parameters and models, and power flows analysis tools..

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL3472 - Electromagnetic Fields and Applications

General

Course Description
Prerequisite: EEL 3112 and MAP 2302
Description: This course covers electric and magnetic fields and forces. Topics covered include electrostatics, magnetostatics, time-varying fields, Maxwell's equations in point and integral form, plane wave propagation, energy and power, and transmission lines.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL3701 - Introduction to Digital Systems

General

Course Description
Co-requisite: COP 2220 and PHY 2049 and EGN 1001C
Description: This course covers basic digital design technology. Topics include number systems, boolean algebra, combinational and sequential circuit design and analysis, hardware description language, and programmable logic devices.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL3701L - Introduction to Digital Systems Lab

General

Course Description
Co-requisite: COP 2220, PHY 2049, EGN 1001C, and EEL 3701.
Description: This course is the laboratory that accompanies EEL 3701.
Course Fees: $75

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EEL4081 - Topics on Rehabilitation Engineering

General
Course Description
Prerequisite: EEL 3111Description: This course is an introduction to the multiple facets of design, fabrication, and testing of adaptive and assistive devices for rehabilitation applications. It provides students with the unique opportunity to work at the interface of people and technology, exposing them to challenging engineering questions that require complex interdisciplinary solutions. This is a hands-on course where students apply engineering principles to practical applications focused on design, fabrication and testing of equipment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4220 - Electric Machines

General
Course Description
Prerequisite: EEL 3216
Co-requisite: EEL3472
Description: This course covers the principles of magnetic circuit concepts, ac machinery fundamentals, synchronous generators and motors, induction motors, dc machinery fundamentals, and dc motors and generators.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4241 - Power Electronics

General
Course Description
Prerequisite: EEE 3308
Description: The main objective of this course is to study the principles of static power conversions, PWM techniques for voltage and frequency control, circuit design considerations, and applications of power electronics. Computer-aided analysis and design of power electronic circuits will be emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4283 - Introduction to Renewable Energy

General
Course Description
Prerequisite: PHY2049 and CHM2045
Description: The main objective of this course is to study the different types of energy sources and storages, renewable energy systems, energy distribution, energy policy and management. Computer-aided analysis of renewable energy resource information and data for evaluating energy potential and energy costs

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL4440 - Optical Fiber Communications

General

Course Description
Prerequisites: EEL 3472 Electromagnetic fields and applications of permission of instructor
This course focuses on fiber optic waveguides. Topics covered in the course include optical sources, detectors, receivers, transmission systems and fiber-based broadband communication networks.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL4445 - Machine Vision

General

Course Description
Introduction to fundamental concepts of machine vision, including optical conventions, image acquisition, image analysis and quality control within industrial applications. Selection of appropriate illumination conditions, camera calibrations, lenses/filter configurations and processing algorithms are examined through hands-on activities using contemporary “smart” cameras.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL4514 - Communication Systems

General

Course Description
Prerequisites: EEL 3135 and STA 4321
Description: This course introduces the theories of analog and digital communications systems. Topics include modulation and demodulation, multiplexing, spread spectrum, CDMA, communication links and wireless channel analysis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL4514L - Analog and Digital Communications Laboratory

General

Course Description
Prerequisite: EEL 3135 and STA 4321
Co-requisite: EEL 4514
Description: This course is the laboratory component for EEL 4514 and consists of the laboratory investigation of communication systems.
Course Fees: $75

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EEL4580 - Wireless and Mobile Communications

General
Course Description
Prerequisite: EEL 3111
Description: This course introduces the physical characteristics of wireless transmission systems and their practical applications (including topics such as 3G, 4G and 5G mobile wireless technologies, Wi-Fi, Wi-Max, LTE, mobile ad-hoc networks and satellite networks). This course will build a basic understanding of designing and analysis of wireless and mobile communication systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4610 - State-Space Control Systems

General
Course Description
Prerequisites: EEL 3135 or EML4312.
Description: This course uses the state-space method to design and analyze feedback control systems. Topics include the review of linear algebra, state-space modeling of control systems using differential equations and their solutions, stability, controllability, shaping of dynamic responses, observability, state estimation, and advanced topics selected from optimal control, optimal estimation and their associated computational methods. Computer-aided control system design software is used extensively in the course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4657 - Linear Control Systems

General
Course Description
Prerequisite: EEL 3135 and STA 4321
Description: This course covers the design and analysis of control systems using transfer function-based methods. Topics include modeling of physical systems as transfer functions, stability analysis, design specifications, design of controllers by root locus method, frequency response techniques, computer-aided analysis and design.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4657L - Linear Control Systems Lab

General

Course Description
Prerequisite: EEL 3135 and STA 4321
Co-requisite: EEL 4657
Description: This course is the laboratory to EEL 4657.
Course Fees: $75

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EEL4712 - Digital Design

General

Course Description
Prerequisite: EEL 3701 and EEL 3701L
Description: This course covers the analysis, design, simulation, and implementation of advanced combinational logic circuits and synchronous / asynchronous state machines using modern programmable logic devices. Electrical and timing characteristics of physical devices are covered. CAD-based design and development using hardware description languages are used throughout the course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL4712L - Digital Design Lab

General

Course Description
Prerequisite: EEL 3701 and EEL 3701L
Co-requisite: EEL 4712
Description: This is the laboratory component of EEL 4712.
Course Fees: $75

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EEL4713C - Introduction to Instrumentation

General

Course Description
Prerequisite: STA3032 or STA4321
Description: This course will introduce topics associated with using instrumentation. The topics will include measurement uncertainty, instrument characteristics, calibration, data acquisition, signal conditioning, variable conversion, and instrument types for measuring physical parameters including position, flow, temperature, strain, and pressure.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EEL4744C - Microcontroller Applications

General
Course Description
Prerequisite: EEL 3701 and EEL 3701L
Description: This course covers the elements of microcontroller-based systems, hardware interfacing, software design, and applications. Topics include microcontroller software architecture, instruction set, addressing modes, memory map, gpios, analog-to-digital converters, timers, input capture, output compare, PWM, communication interfaces, and interrupts, code development using assembly languages and C. weekly laboratory experiments.
Course Fees: $75

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EEL4750 - Introduction to Digital Signal Processing

General
Course Description
Prerequisite: EEL 3135. This course is an introduction to the high tech world of digital processing. The topics include discrete time signal and systems, z-transform, DFT, introduction to digital filter design. The class offers theoretical and hands on applied signal processing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4750L - Digital Signal Processing Laboratory

General
Course Description
Prerequisite: EEL 3135.
Co-requisite: EEL 4750.
Description: This course will allow students to apply the theory learned in EEL 4750 in a series of lab assignments. The topics include discrete time signal a systems, z-transforms, DFT, introduction to digital filter design.
Course Fees: $75

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EEL4829 - Digital Image Processing

General

Course Description
Prerequisite: EEL 3135
This course provides an overview electrical engineering aspect of digital image processing techniques and their applications including image acquisition, sampling, color, enhancement, segmentation, compression, coding, and morphology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL4905 - Undergraduate Supervised Research

General

Course Description
Prerequisite: Approval of supervising professor and chair. Description: This course is an investigation of a research topic in Electrical Engineering. Repeatability: The course may be repeated for a maximum of 6 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

EEL4906 - Directed Independent Studies

General

Course Description
Description: In this course students will participate in the study of topics agreed to by a sponsoring professor.
Repeatability: This course may be repeated to a maximum of 6 credit hours with different content.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

EEL4914 - Senior Capstone Design I

General

Course Description
Prerequisite: ENC 3246, EEL 4744C, EEE 4309, and EEE 4309LDescription: This course is the first part of a two-semester team design project. Teams are responsible for preparing a project proposal including a problem statement and need identification, concept generation and down selection and a project design. Teams are further required to develop and demonstrate a proof of concept or prototype. Additional topics covered include ethics, safety, and intellectual property such as copyrights, trademarks and patents. A final project proposal oral presentation is required.Course Fees: $75

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4915 - Senior Capstone Design II

General
Course Description
Prerequisite: EEL 4914Description: This course is the second part of a two-semester team design project. Teams are responsible for completion of their engineering project that was proposed in the Senior Capstone Design I course. Teams are required to generate a manufacturing scope of work as well as an assessment plan for their project. Assessment of the project relative to the original design specifications is required. Teams are required to complete a written design report and a final oral and poster presentation. Course Fees: $100

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEL4930 - Special Topics in Electrical Engineering

General
Course Description
Prerequisite: Permission of instructor. Special courses covering selected topics in electrical engineering. May be repeated up to 12 credits with different course content.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

EEL4931 - Special Topics in Electrical Engineering

General
Course Description
Prerequisite: Permission from instructor or department. Special courses covering selected topics in electrical engineering.

Credit Hours
Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
2

EEL4949 - Electrical Engineering Internship

General

Course Description
Prerequisite: Departmental Permission and Electrical Engineering MajorDescription: Students will participate in practical engineering work under industrial supervision. Approval of both the sponsoring employer and department is required prior to enrolling in this course.Repeatability: This course may be taken for up to 3 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

EEL4955 - Electrical Engineering Study Abroad

General

Course Description
Description: In this course students will study electrical engineering related practices in a foreign country. During the course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the difference between engineering in the U.S. and that country; and learn about current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.
Repeatability: May be repeated up to a maximum of 3 credits

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

EEL5563 - Fiber Optics

General

Course Description
Prerequisite: EEL 3472 Electromagnetic Fields and Applications or equivalent
Description: This course focuses on fiber optic waveguides. Topics covered in the course include optical sources, detectors, receivers, transmission systems and fiber-based broadband communication networks.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL5613 - State Space Control Systems

General

Course Description
Prerequisite: EEL 4657 and EEL 4657L or equivalent
Description: This course covers the design and analysis of control systems using state-space methods. Topics include linear algebra, modeling of physical systems as

state-space equations, transformations, stability, controllability and observability, state feedback, observer design, introduction to optimal control, and Riccati equation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL5820 - Digital Image Processing

General

Course Description
Prerequisite: EEL 3135 Signals and Systems or equivalent
Description: This course covers various electrical engineering aspects of digital image processing techniques and their applications including image acquisition, sampling, color, enhancement, segmentation, compression, coding, and morphology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEL5934 - Special Topics in Electrical Engineering

General

Course Description
Prerequisite: Graduate standing and permission of instructor
Description: This course will consist of an in-depth study of a current electrical engineering topic. Topic will vary each time the course is offered and will be focused on state-of-the-art concepts that are not addressed in current course selections.
Repeatability: This course may be repeated up to 12 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

EEL6901 - Directed Independent Study

General

Course Description
Students will participate in study of topics agreed to by a sponsoring and supervising professor. This course is variable in credit hours and may be repeated for up to 6 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours
Operator:
TO

Number Of Repeats:
5

EEL6935 - Special Topics in Electrical Engineering

General

Course Description
Prerequisite: Graduate standing and permission of instructor
Description: This course will consist of an in-depth study of a current electrical engineering topic. The topic will vary each time the course is offered and will be focused on state-of-the-art concepts that are not addressed in current course selections.
Repeatability: This course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

EEL6970 - Master's Thesis Proposal Development

General

Course Description
Description: This course is an individual research course involving investigations on a topic relevant to electrical engineering. The topic is to be chosen by the student and his/her faculty thesis advisor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EEL6971 - Master's Thesis Proposal Defense

General

Course Description
Prerequisite: EEL 6970
Description: This course is the second part of an individual research course involving investigations on a topic relevant to electrical engineering. The topic is to be chosen by the student and his/her faculty thesis advisor. At the conclusion of this course, a student is required to submit a written Master's Thesis Proposal and conduct an oral defense of their Master's Thesis Proposal.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EEL6972 - Master's Thesis

General

Course Description
Prerequisite: EEL 6971
Description: This course is an individual research course involving investigations on a topic decided upon by a student and their faculty thesis advisor during the students Master's Thesis Proposal courses. Student is required to submit a written Master's Thesis and to conduct an oral defense at the conclusion of their final semester of enrollment. Continuous enrollment in EEL 6972 is required until all thesis requirements are met.
Repeatability: May be repeated for up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours
Operator:
TO

Number Of Repeats:
11

EEX3004 - Disability and Community Support Agencies

General

Course Description
Prerequisite: EEX 3005Description: this course will include models of practice and delivery found among agencies and organizations for individuals with disabilities. Students will have the opportunity to spend field hours in an agency or organization and reflect on their practice within that entity. Students will develop and present a practice or plan based on evidence-based practices that would enhance or increase effectiveness within an agency.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX3005 - Introduction to Disabilities

General

Course Description
Description: This course provides an overview of the characteristics and needs of individuals with disabilities, and it is the initial course for students who want to pursue a minor in Disability Services. Students will interact with individuals with disabilities, discuss strengths-based strategies, and learn about typical barriers that individuals with disabilities face in society.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX3070 - Inclusion of Individuals with Disabilities

General

Course Description
Prerequisite: EEX 3005 or EEX 3202
Description: Students will be introduced to the concept of inclusion in families, schools, and communities for individuals with disabilities. Students will explore models of inclusion, laws that require inclusion, and barriers to inclusion. The students will participate in a field experience in a community agency or organization that serves individuals with disabilities and will design a project to include an individual more fully in a school, place of employment, or community.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX3250 - Reading Methods for Learners with Exceptionalities

General

Course Description
Prerequisite or Co-requisite: EEX 3202 and EEX 4101
Description: This reading methods course focuses on the principles of scientifically-based reading research as the foundation of comprehensive reading instruction. The assessment and development of the major components of phonemic awareness, phonics, fluency, vocabulary, and comprehension are discussed. Included in this course is the development of standards-based lessons and strategies for differentiating instruction to accommodate diverse learners. The purpose of the course is to prepare pre-service teachers to teach reading to students with a wide range of abilities, including those who are also English Language Learners. Field experience is required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX3252 - Language Arts for Learners with Exceptionalities

General

Course Description
Description: This language arts methods course focuses on the assessment and development of written expression, handwriting, and spelling for learners with exceptionalities. Included are strategies for teaching writing vocabulary, syntax and grammar, and writing mechanics. Methods for teaching the writing process and the different writing genres are explored. The development of standards-based lessons and strategies for differentiating instruction to accommodate diverse learners are integrated throughout. The purpose of the course is to prepare pre-service teachers to teach language arts to students with a wide range of abilities, including those who are also English Language Learners. Field Experience is required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX3253 - Teaching Students with Exceptionalities in Secondary Education Content Areas

General

Course Description
Description: This class will provide opportunities to explore and demonstrate teaching strategies for students who have exceptionalities and are enrolled in content classes in secondary education. Foci of the class include inclusion of students with exceptionalities, nature and needs of students with exceptionalities, accommodations, modifications, learning strategies, differentiated instruction, individualized instruction, and universal design for learning.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX3754 - Impact of Disabilities on Families, Schools, and Communities

General

Course Description
Prerequisite: EEX 3005
Description: In his course students will identify and investigate the positive and challenging impacts that a disability has on individuals with disabilities, their families and friends, their educational pursuits, and their inclusion in communities.

Students will complete interviews with individuals and their stakeholders to uncover strengths, obstacles, hopes for the future, and other ideas and impression that may impact individuals with disabilities.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX3843 - Clinical: Community and Participation

General

Course Description
This course provides a clinical experience in a setting related to disability community and participation. The course focuses on the knowledge, skills, and dispositions that lead to the development of effective and reflective practitioners in disability community agencies, and assisting individuals with disabilities in accessing, participating and living meaningfully in the community. This clinical course focuses on the many roles of the disability services professional. It is a supervised, structured field experience in select professional organizations designed to assist individuals with disabilities in individualized independent living outcomes. The course provides disability services candidates with the opportunity to link theory and practice through inquiry, seminars and structured field experiences in disability community agencies.This is a required course for disability services majors.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EEX3844 - Clinical: Family and Social Capital

General

Course Description
This course offers a clinical experience in a family and social capital setting for individuals with disabilities. It focuses on the knowledge, skills, and dispositions that lead to the development of effective and reflective practitioners in collaboration with families of persons with disabilities, and assisting individuals in developing meaningful social relationships and outcomes. This clinical course focuses on the many roles of the disability services professional. It is a supervised, structured field experience in selected professional organizations designed to assist in supporting family members and providing social experiences for persons with disabilities. The course provides disability services candidates with the opportunity to link theory and practice trough inquiry, seminars and structured field experiences in community settings.

This is a required course for disability services concentration majors.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EEX3846 - Clinical: Employment and Law

General

Course Description
This course offers a clinical experience in the area of disability Employment and Law. It focuses on the knowledge, skills, and dispositions that lead to the development of effective and reflective practitioners in disability employment services, and assisting individuals with disabilities in developing meaningful employment and pre-employment outcomes. This clinical focuses on the many roles of the disability services professional. It is a supervised, structured field experience in selected professional organizations designed to assist individuals with disabilities in obtaining meaningful employment outcomes. The course provides disability services candidates with the opportunity to link theory and practice through inquiry, seminars and structured field experiences in disability employment agencies.This course is a required course for disability services concentration majors.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EEX4024 - Disability Laws and Policies

General
Course Description
Prerequisite: EEX 3005
Description: This course will include laws and policies that directly and indirectly impact persons with disabilities. Students will investigate case studies and analyze them to uncover the implications for individuals with disabilities, caretakers, families, school personnel, higher education personnel, and agency personnel. Class discussions will include laws, policies, regulations, and disability case law.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4101 - Language Development and Disorders

General
Course Description
This course addresses language development and learning, to include language development and disorders, the impact of language on learning, and augmentative communication. Field experience required.

Credit Hours
Credit Hours:
2

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
2

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
2

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
0

EEX4240 - Literacy Instruction and Intervention for Readers

General
Course Description
Co-Requisite: EDF 3946
Description: This course prepares teachers to develop and deliver research and evidence-based instruction and intervention in reading and writing to all students, including those with exceptionalities such as dyslexia and autism, who are reading and comprehending connected texts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4254 - Emergent and Early Literacy Instruction and Intervention for All Learners

General

Course Description
Co-requisite: EDF3945
Description: This course prepares teachers to develop and deliver research and evidenced base instruction and intervention to students in the six components of reading (i.e., comprehension, oral language, phonological awareness, phonics, fluency, and vocabulary) and writing for all learners, including those with exceptionalities, such as dyslexia and autism, who are emergent and early literacy learners.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX4255 - High-Leverage Instructional Practices and Individual Planning for Learners with Exceptionalities

General

Course Description
Description: This course focuses on the the development of Individualized Education Programs (IEPs). Further, this course incorporates high leverage instructional practices that emphasize learning goals, being explicit and flexible, and using various learning tools such as technology to improve the outcomes of students with disabilities. Attention is also given to how to incorporate accommodations and modification for students with disabilities into instruction.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX4257 - Literacy Assessment for All Learners

General

Course Description
Co-requisite: EDF3947
Description: In this course, students learn how to assess the six components of reading (i.e., comprehension, oral language, phonological awareness, phonics, fluency, and vocabulary) and writing for all learners, including those with exceptionalities such as dyslexia and autism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX4270 - High-Leverage Practices for Exceptional Learners 1

General

Course Description
Description: The purpose of this course is to provide teacher candidates with: a) knowledge about curriculum and instruction for students with disabilities; b) understanding and developing Individualized Education Plans; and (c) opportunities for experience and application of instructional strategies across a variety of classroom contexts and settings; Teacher candidates will explore strategies through reading literature, writing, reflecting, experimenting, and sharing their work in a collaborative setting. Teacher candidates will come to understand the importance of using individualized, evidence-based instructional practices for teaching students with disabilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4271 - High-Leverage Practices for Exceptional Learners 2

General
Course Description
Description: The purpose of this course is to provide teacher candidates with: a) knowledge about instructional strategies for students with moderate/severe disabilities and transition-age students with disabilities; b) understanding and developing Transition Plans; and (c) opportunities for experience and application of instructional strategies and high leverage practices across a variety of classroom contexts and settings; Teacher candidates will explore strategies through reading literature, writing, reflecting, experimenting, and sharing their work in a collaborative setting. Teacher candidates will come to understand the importance of using individualized, evidence-based, and high-leverage practices in teaching students with disabilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4272 - High-Leverage Practices for Exceptional Learners 3

General
Course Description
Description: The purpose of this course is to provide teacher candidates with: a) knowledge about instructional strategies for students with all disabilities; b) understanding how to teach students with all disabilities in inclusive settings; and (c) opportunities for experience and application of instructional strategies and high leverage practices across a variety of classroom contexts and settings; Teacher candidates will explore strategies through reading literature, writing, reflecting, experimenting, and sharing their work in a collaborative setting. Teacher candidates will come to understand the importance of using individualized, evidence-based, and high-leverage practices in teaching students with disabilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4275 - Instructional Strategies for Teaching Exceptional Learners in General Education Settings

General
Course Description
This course provides students with background knowledge related to special education laws and regulations, terminology, disability categories, characteristics of students with disabilities, and collaboration among educators and parents. Additionally, this course focuses on identifying evidence-based instructional and behavior strategies for teaching students with disabilities in general education settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX4281 - Career Development and Transition for Learners with Exceptionalities

General

Course Description
Prerequisite or Co-requisite: EEX 3202
Description: Course content focuses on implementing transition programs from school to career and daily living for individuals with disabilities, including vocational/career assessment, self-determination, and individualized programs integrating family, agencies, and business.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX4345 - Introduction to Inquiry and Assessment

General

Course Description
Description: The purpose of this course is to provide teacher candidates with: a) knowledge about teacher inquiry and assessment; b) opportunities for experience using inquiry skills and assessment practices; and c) a foundation for implementing reflective, systematic, and thoughtful inquiry into classroom practice. Teacher candidates will explore relevant classroom practice issues through writing, reflections, experimenting with teacher inquiry strategies, and sharing their work in a collaborative setting. Through the critical reading of teacher inquiry studies and experimentation with teacher inquiry strategies, teacher candidates come to recognize the value of inquiry and assessment as a way to make more informed decisions about practice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX4474 - Teaching Students with Moderate to Severe Disabilities

General

Course Description
Prerequisite: EEX 3202
Description: This course focuses on instructional and assessment practices for teaching students with extensive support needs. Core practices emphasized will include advocacy, systematic and individualized instruction, strengths-based approach, and collaboration.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

EEX4484 - Mathematics Instruction for Learners with Exceptionalities

General

Course Description
The focus of this course is on instructional methods, strategies, and materials for addressing the academic needs of students with disabilities in mathematics. Students will learn how to use data to make instructional decisions and monitor student growth. 10-hours of community-based experience is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

EEX4604 - Classroom and Behavior Management

General
Course Description
In this course, students are being prepared to impact the lives of children by the acquisition of knowledge and skills in behavior and classroom management and applying such knowledge and skills to learners with exceptionalities. This course provides teacher candidates with an opportunity to: (1) design, manage and maintain safe school and classroom environments conducive to learning; (2) implement teaching and intervention strategies derived from theory and best practice specifically designed to improve appropriate desirable behaviors and reduce behaviors that detract from the learning process; (3) analyze the relationship between behavior and environmental antecedents and consequences; (4) examine and apply how manipulations in environmental variables can increase appropriate behavior and decrease inappropriate behavior; and (5) explore legal and ethical issues related to managing student behavior.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4607 - Introduction to Applied Behavior Analysis

General
Course Description
This course is an intensive introduction to basic concepts of Applied Behavior Analysis (ABA). It provides an overview of the field's history, current trends, and future directions. Specific content covered includes (1) basic behavioral principles, (2) evidence-based instructional practices associated with ABA, (3) ethical issues associated with the use of ABA, (4) operational definitions and measurement of behavior, (5) strategies to increase behavior, and (6) strategies to decrease behavior.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4616 - Classroom Management of Learners with Exceptionalities

General
Course Description
Prerequisites: EEX 3202 and EEX 4604.
This course is designed to help students in developing a personal philosophy of classroom management. This course explores several theories of classroom management and emphasizes strategies that are designed to meet the needs of children with exceptionalities. Students will learn how to (a) design, manage, and maintain safe school and classroom environment conductive to learning, (b) implement teaching strategies derived from theory and best practices, and (c) complete a classroom management plan and philosophy of education.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4753 - Cooperative Consultation in Special Education

General
Course Description
The focus of this course is on implementing collaboration practices to build effective relationships and create a better understanding of the characteristics and educational needs of students with disabilities. This course focuses on the acquisition of knowledge and skills in communication, collaboration, and consultation and application of such knowledge and skills to interactions special educators have with general educators, administrators, parents, agency personnel and other stakeholders in the lives of individuals with disabilities. Students will examine specific techniques, related media, and experiences designed to equip special education teachers and related service providers with skills to collaborate with school and community professionals, disability service providers and families, to provide a necessary range of services to students.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

EEX4779 - Disability, Employment, and Community Engagement

General
Course Description
Description: This course will cover aspects of the community, work and postsecondary education experience for individuals with disabilities who have transitioned from secondary education to adult settings. Potential concerns of employers, co-workers and friends will be addressed to support the transition of individuals with disabilities. Effective practices will be discussed that foster accepting and supporting environments thus ensuring successful life outcomes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX4840 - Literacy Practicum for All Learners

General
Course Description
Prerequisites: EEX3254, EEX3240, and EEX4257Co-requisite: EEX4861 or EEC 4942Description: The purpose of this culminating practicum is to demonstrate knowledge of the components of reading, as well as assessments and data analysis, to implement a comprehensive evidence-based reading and writing plan of instruction for all students, and to engage in the systematic problem-solving process to identify characteristics of conditions such as dyslexia as well as provide appropriate interventions and conduct effective progress monitoring for such conditions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EEX4845 - Clinical: Senior Capstone

General

Course Description
This course is focused on the acquisition of he knowledge, skills, instructional and cognitive strategies, and dispositions relevant to key aspects of conceptual professional service delivery and learning. It embraces the vision of the College of Education and Human Services that enables candidates to be active learners and responsive partners in the study of education and learning within diverse learning communities. This course encourages candidates to be reflective, analytic practitioners who are well grounded in content and pedagogy.

Credit Hours
Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Other Hours
Other Hours Min:
6

Number Of Repeats:
0

EEX4861 - Internship

General
Course Description
Prerequisite: Completion of requirements prescribed on student's program of study. Description: Teaching competencies are demonstrated under the observation of a cooperating master teacher in the student's major field. Repeatability: May be repeated up to 24 credits.Course Fees: $36

Credit Hours
Credit Hours:
3

Credit Hours Max:
12

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
12

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
3

Other Hours Max:
12

Other Hours Operator:
TO

Number Of Repeats:
7

EEX4905 - Individual Investigation and Study

General
Course Description
Prerequisite: Permission required. A course which permits the student to investigate selected topics in a specialized area. May be repeated up to 15 credits.

Credit Hours
Credit Hours:
2

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
2

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
2

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
4

EEX4930 - Seminar in Exceptional Student Education

General
Course Description
Prerequisite: Permission of instructor. A seminar designed to equip special education students with the knowledge and skills necessary to effectively apply research findings in their areas of study. May be repeated up to 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours
Operator:
TO

Number Of Repeats:
1

EEX5053 - Foundations of Exceptional Education and Services

General

Course Description
Description: This course focuses on the acquisition of knowledge, skills, and dispositions for advanced study in the psychology and sociology of individuals with exceptionalities. The course examines individuals with exceptionalities in terms of cognitive, affective, and psychomotor characteristics and their functions within families, schools, and society.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX5075 - Teaching Students with Exceptionalities in Inclusive Settings

General

Course Description
This course provides students with background knowledge related to special education laws and regulations, terminology, disability categories, characteristics of students with disabilities, and collaboration among educators and parents. Additionally, this course focuses on identifying evidence-based instructional and behavior strategies for teaching students with disabilities in general education settings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX5308 - Single Case Research Design

General

Course Description
Single case research designs are used in applied behavior analysis, exceptional student education, and related fields to determine the effectiveness of assessment and intervention strategies. In this course, students will learn how to identify, evaluate, and design research using various single case methods. Students will learn the history and utility of single case research and will identify how this research method is different from other commonly used research methods in education and related fields.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX5485 - Mathematics Instruction for Learners with Exceptionalities

General

Course Description
The focus of this course is on instructional methods, strategies, and materials for addressing the academic needs of students with disabilities in mathematics. Students will learn how to use data to make instructional decisions and monitor student growth. 10-hours of clinical experience is required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EEX5612 - Concepts and Principles of Applied Behavior Analysis

General

Course Description
Applied behavior analysis is a scientific approach to understanding behavior. In this course, which serves as an introduction to the science and practice of applied behavior analysis, students will learn the basic concepts and principles that lay the foundation for behavioral assessment and intervention. Specific topics covered in this class include reinforcement, punishment, discrimination, generalization, and maintenance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX5617 - Principles of Applied Behavior Analysis II

General

Course Description
Prerequisite: EEX 5612
This course examines the use of the scientific method to evaluate assessment and intervention techniques in behavior analysis. Topics include measurement techniques, single-subject experimental design, selection of dependent and independent variables, graphical presentation and evaluation of results, ethics pertaining to human subjects and treatment implementation, and ways of communicating research results. Principles and procedures involved in the experimental analysis of reinforcement schedules, stimulus control, and stimulus equivalence are included

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX5619 - ABA in Dev Disabilities and Autism

General

Course Description
Prerequisites: EEX 5612, EEX 5617
The course is designed to familiarize students with the behavior-analytic research on the treatment of individuals with developmental disabilities, including autism. The course will provide an overview of common developmental disabilities and the characteristics of autism. The primary focus of the course will be on assessment and intervention procedures and specific behavior analytic teaching methods for use with individuals with developmental disabilities. Students will encounter conceptual readings, manuals, handouts, and research articles evaluating the utility of various methods being discussed. Students are expected to participate fully in class discussions, drawing from the assigned weekly readings and relevant social and professional experiences.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX5665 - Classroom and Behavior Management

General
Course Description
Prerequisite: EEX 5053
Description: In this course, candidates are being prepared to impact the lives of children by the acquisition of knowledge and skills in behavior and classroom management and applying such knowledge and skills to learners with exceptionalities. This course provides teacher candidates with an opportunity to: (1) design, manage and maintain safe school and classroom environments conducive to learning; (2) implement teaching and intervention strategies derived from theory and best practice specifically designed to improve appropriate desirable behaviors and reduce behaviors that detract from the learning process; (3) analyze the relationship between behavior and environmental antecedents and consequences; (4) examine and apply how manipulations in environmental variables can increase appropriate behavior and decrease inappropriate behavior; and (5) explore legal and ethical issues related to managing student behavior..

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

EEX5784 - Animal Assisted Services for Education and Disability Services

General
Course Description
Pre-requisite: HSC6601Description: This course provides a historical, theoretical and philosophical foundation for the inclusion of animals in the classroom and other settings. Integrating animals in the educational setting has shown to improve reading scores, foster increased pro social skills and socio emotional learning, and build empathic relationships. An overview of practice standards, methods, ethics, and the promotion of positive animal welfare will be addressed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX5852 - Practicum in Applied Behavior Analysis I

General
Course Description
Prerequisite: EEX5612
Description: In this initial practicum course, students will learn basic behavior analytic skills and practices that align with content in lecture coursework. This course will provide supported opportunities for students to use behavioral measurement strategies, basic behavioral intervention strategies, and entry level consultative skills. Additionally, students will learn skills related to professionalism and ethical implementation of behavioral strategies in diverse applied and clinical contexts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EEX6025 - Issues and Trends in Exceptional Education Services

General

Course Description
This course is a forum to discuss, analyze, and evaluate current issues and trends in special education. This course is designed for advanced, in-depth study of specific topics in the field of special education concerning exceptional populations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6052 - Curriculum and Instruction for Learners with Exceptionalities

General

Course Description
This course develops knowledge in advanced teaching methods, including instructional assessment, instructional design, evidence-based instructional methodology, universally designed instruction, accommodations/modifications, data-based decision-making, and developing individualized education programs, necessary for successful instruction and support of students with disabilities in the general standards-based K-12 curriculum.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6063 - Preschool Programming for the Exceptional Child

General

Course Description
This course is designed to teach the development and implementation of individualized instruction for the preschool handicapped child, birth through five years of age, with emphasis on developmentally appropriate curricula, methods, and techniques.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6203 - Developmental Variations

General

Course Description
This course addresses comparative child growth and development related to the learning and functioning of exceptional children. Interaction of medical, nutritional, and pharmaceutical interventions is a focus, as well as psycho-educational analysis of learning and development.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6239 - Preschool Assessment of Exceptional Child

General

Course Description
Prerequisite: EEX 6203. This course addresses both the formal and informal assessment of preschool handicapped children, birth through five years of age, with emphasis on developmentally appropriate evaluation materials and techniques. Field experience required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6256 - Literacy I for Students with Exceptionalities

General

Course Description
This is the first of three courses in literacy for students with exceptionalities. The purpose of this course is to prepare teachers to assess and instruct students in the six components of reading (i.e., comprehension, oral language, phonological awareness, phonics, fluency, and vocabulary) and writing for learners with exceptionalities who are emergent and early literacy learners.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6259 - Literacy II for Students with Exceptionalities

General

Course Description
Prerequisite: EEX6256 Literacy I for Students with Exceptionalities
Description: This is the second course intended to prepare students for a reading endorsement. The purpose of this course is to prepare teachers to assess and instruct students in the six components of reading (i.e., comprehension, oral language, phonological awareness, phonics, fluency, and vocabulary) for learners with exceptionalities who are reading and writing at and above the intermediate level.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6283 - Social, Personal, and Career Skills for Exceptional Students

General

Course Description
A course on teaching social and personal skills for exceptional students with emphasis on employability skills, career awareness, and transition planning for adult living.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX6301 - Research in Special Education

General
Course Description
A course designed to allow advanced students to analyze, interpret, and apply research findings in the classroom setting. May be repeated up to 12 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
3

EEX6402 - Communication, Collaboration, and Consultation Skills for Special Education

General
Course Description
This course will be focused on the acquisition of knowledge and skills in communication, collaboration, and consultation and applying such knowledge and skills to interactions special educators and related service professionals have with general educators, administrators, parents, agency personnel and other stakeholders in the lives of individuals with disabilities. This includes the examination of specific techniques, related media, and experiences designed to equip special education teachers and related service professionals with skills to collaborate with school and community professionals and families to provide a necessary range of services to students.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX6515 - Special Education Policy and Leadership

General
Course Description
This course is designed to present school professionals with an overview of special education leadership and policy issues as well as to examine the skills and knowledge required to supervise and lead high quality programs for students with disabilities. The course will explore the special education discourse as it intersects with the school leadership discourse from several different perspectives including historical and legal perspectives, perspectives on school culture and change, and the classroom and student perspective.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6615 - Implementation of Evidence Based Behavioral Intervention

General

Course Description
Prerequisite: EEX6636
Description: Behavior analysts are research practitioners, meaning that they engage in research-informed practice and use measurement and single case research methods to evaluate the effects of intervention on client behavior. A fundamental skill for behavior analysts is the implementation and evaluation of evidence-based behavioral interventions using methods based in single case research design. In this course, students will implement an intervention plan and monitor the effects of the intervention on client behavior. Students will engage in data-based decision making, measurement of social validity, and measurement of fidelity of implementation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6617 - Comprehensive Behavioral Intervention for Skill Acquisition

General

Course Description
Prerequisite: EEX5308
Description: Applied behavior analysis is the application of behavioral principles to change socially significant behavior. A major area of focus in research and practice related to applied behavior analysis is in intervention to teach new skills and maintain established skills. In this class, students will learn theory and practice related to the development and implementation of comprehensive behavioral intervention that targets skill acquisition. Specific content includes: best practice in comprehensive assessment, instructional design, behavioral strategies to develop and maintain target skills and behaviors.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6625 - Applied Behavior Analysis in Ed. and Performance Management

General

Course Description
A course on educational management of exceptional students with emphasis on classroom organization, behavior management and consultation skills.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6627 - Supervision and Case Management in Applied Behavior Analysis and Education

General

Course Description
Prerequisites: EEX 5612, EEX6636, EEX6617, EEX6664, and EEX5308
Description: A key responsibility of behavior analysts and educators is case management, which includes supervision and training. In this class, students will learn evidence-based behavioral practices related to supervision, strategies for coaching and training personnel, and skills related to case management within educational and therapeutic systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX6635 - Positive Behavioral Interventions and Supports

General
Course Description
Challenging behavior represents a major area of concern for individuals, their families, and the professionals who work with them. In this class, students will learn the theory and practice to support the implementation of positive behavioral supports and interventions to prevent and address challenging behavior. Specific content includes tiered systems of support, functional behavior assessment, behavior intervention planning, contextual behavioral assessment and intervention, and working within systems to prevent and address challenging behavior at the individual level.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX6636 - Research-Based Design for Behavioral Intervention

General
Course Description
Prerequisite: EEX5308 and EEX6853
Description: Behavior analysts are research practitioners, meaning that they engage in research informed practice and use measurement and single case research methods to evaluate the effects of intervention on client behavior. A fundamental skill for behavior analysts is the ability to identify, interpret, and apply research to inform intervention development. In this course, students will use existing literature to design an intervention and a plan to collect data on that intervention to evaluate progress.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EEX6664 - Advanced Practices in Applied Behavior Analysis

General
Course Description
Prerequisites: EEX5308 and EEX6635
Description: Behavior analysts must address complex behaviors in diverse settings. This course will build upon basic behavioral concepts, principles, and practices to prepare students to meet the diverse, and often complex, needs of their clients. Content covered in this course will include behavioral theory, verbal behavior, functional analysis, and contemporary issues of behavioral theory and practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6668 - Behaviorism

General

Course Description
Prerequisite: EEX 5612
Description: The course will engage the students in an examination of the underlying concepts, theories and philosophies of behavior analysis. Specifically, the course will cover a review of the history and scientific underpinnings of behavior analysis. Additionally, students will discuss types of behaviorism, such as Radical Behaviorism. Finally, students will engage in discussions of application of behaviorism to various domains of behavior, such as perception, emotion, language, etc. EEX 5612 Principles of Applied Behavior Analysis I is a prerequisite. This course will address content specific to the Behavior Analyst Certification Board (BACB) or Association for Behavior Analysis (ABAI) Task List.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6669 - Organizational Behavior Management

General

Course Description
Prerequisite: EEX5612
Description: The course will engage the students in the application of the science of behavior analysis within organizations. Specifically, the course will cover performance management, including supervision, performance monitoring, and performance diagnostics. Additionally, students will be introduced to behavioral systems analysis, behavioral leadership, and behavior-based safety. EEX 5612 Principles of ABA I is a prerequisite.
This course will address content specific to the Behavior Analyst Certification Board (BACB) or Association for Behavior Analysis International (ABAI) Task List

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6732 - Facilitation of Parent Interaction

General

Course Description
A course on families of handicapped students and the relationship between the family and the educational professional. Emphasis is placed on family systems theory, community resources, case management, and transition.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EEX6747 - Ethics and Professionalism in Applied Behavior Analysis and Exceptional Student Education

General

Course Description
Prerequisite: EEX6627
Description: Ethical and professional behavior are essential to practice as a behavior analyst. In this class, students will become acquainted with the Ethics Code for Behavior Analysts© and will relate the Ethics Code to ethical guidelines in related educational fields. Students will engage in ethical decision making, using core principles that behavior analysts should (a) benefit others, (b) treat others with compassion, dignity, and respect, (c) behave with integrity, and (d) ensure their own competence.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX6766 - Instructional and Assistive Technology in Special Education

General
Course Description
This course is a comprehensive presentation of Assistive Technology (AT) used by individuals with disabilities and instructional technology that can be used in the classroom to support learners with diverse learning needs. The course will emphasize the integration of assistive technology into the curriculum and will demonstrate how assistive technology can be used to enhance the educational outcomes of K12 learners with low and high incidence disabilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EEX6841 - Practicum in Special Education

General
Course Description
Prerequisite: Permission of program faculty.
Description: For students using this course for an internship, permission of faculty requires the recommendation of three full time faculty members in the Special Education Program. Supervised field experience in specific disability areas.
Repeatability: May be repeated up to 24 credits.
Course Fees: $36

Credit Hours
Credit Hours:
3

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
3

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
3

EEX6848 - Literacy Practicum in Exceptional Student Education

General
Course Description
This practicum will enable students to demonstrate their knowledge of the components of reading, assessments of those components, and the implementation of a comprehensive, research-based reading plan for the instruction of all students. Students will demonstrate their ability to engage in systematic problem-solving processes related to literacy instruction.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EEX6849 - Practicum in Exceptional Student Education: Professional

General
Course Description
In consonance with the conceptual framework, this course is focused on the acquisition of the knowledge, skills, instructional and cognitive strategies, and dispositions relevant to key aspects of conceptual teaching and learning. It embraces the vision of the College of Education and Human Services that enables candidates to be active leaders and responsive partners in the study of teaching and learning within diverse learning communities. This course encourages candidates to be reflective, analytic practitioners who are well grounded in content and pedagogy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
3

EEX6853 - Practicum in Applied Behavior Analysis II

General
Course Description
Prerequisite: EEX5852
Description: In this second practicum course, students will apply functional assessment and intervention strategies to address challenging behavior. This course will provide supported opportunities for students to complete indirect and direct behavioral assessment data, engage in data analysis and interpretation, and apply their assessment findings to intervention design and implementation. Additionally, students will learn skills related to professionalism and ethical implementation of behavioral strategies in diverse applied and clinical contexts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EEX6854 - Practicum in Applied Behavior Analysis III

General
Course Description
Prerequisite: EEX6853
Description: In this third practicum course, students will use behavioral assessment and teaching strategies to promote socially significant skill development. This course will provide supported opportunities for students to complete comprehensive behavioral assessment, engage in data analysis and interpretation, identify socially significant target behaviors for intervention, and apply their assessment findings to intervention design and implementation. Additionally, students will learn skills related to professionalism and ethical implementation of behavioral strategies in diverse applied and clinical contexts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EEX6856 - Practicum in Applied Behavior Analysis IV

General

Course Description
Prerequisite: EEX6854
Description: In this third practicum course, students will use research-based behavioral strategies for supervision and case management. This course will provide supported opportunities for students to develop and implement behavioral skills training programs, monitor staff behavior, and provide meaningful performance feedback using best practice coaching methods. Additionally, students will learn skills related to professionalism and ethical implementation of behavioral strategies in diverse applied and clinical contexts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EEX6911 - Independent Study and Research

General

Course Description
Prerequisite: Permission required. Supervised readings and utilization of current research findings in special education. May be repeated up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

EEX6936 - Advanced Seminar: Current Topics in Special Education

General

Course Description
This course is designed for advanced graduate students to engage in an in-depth study of topics in disability-specific related areas. May be repeated up to 18 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
18

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
18

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Billing Hours Max:
18

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
18

Lecture Hours Operator:
TO

Number Of Repeats:
5

EGN1001C - Introduction to Engineering I

General

Course Description
Co-requisite: MAC 1147 or any higher level MAC course (2XXX).
Description: An introduction to the broad field of engineering from the process of invention and design to the societal impact of the engineering profession. Students will explore the fields of modern engineering through practical examples and hands

on activities. Design activities will incorporate aspects from Civil, Electrical, and Mechanical Engineering.
Course Fees: $40

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
1

EGN3203 - Modern Computational Methods

General
Course Description
Prerequisite:MAP 2302 and COP 2220
Description: This course covers linear algebra, numerical methods, and applications of these using a high-level programming language.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EGN3311 - Statics

General
Course Description
Prerequisite: PHY 2048, PHY 2048L and MAC 2311.
Description: This course covers the analysis of two and three dimensional force systems by vector algebra. Application of the principle of equilibrium to particles, rigid bodies, and simple structures are included. Friction, distributed forces, center of gravity, centoids, and moment of inertia are introduced. U.S. engineering and metric systems of units and applications are used.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EGN3321 - Dynamics

General
Course Description
Prerequisites: EGN 3311, MAC 2313 , PHY 2049 , and PHY 2049L.
Description: The kinematics of particles is introduced with topics such as rectilinear motion and curvilinear motion. The kinetics of particles is covered utilizing Newton's Second Law, energy and impulse-momentum principles. Kinematics of rigid bodies is included and covers translational and rotational motions. Kinetics of rigid bodies is also covered for translation, rotation and general plane motion.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EGN3331 - Strength of Materials

General

Course Description
Prerequisite: EGN 3311
Description: In this course the concept of stress and strain is covered and includes topics such as normal stress and strain, shear stress and strain, Hooke's Law, and stress transformation. Deformations in axially loaded members are included with some focus on statically indeterminate members. Torsionally loaded members and flexural members are covered. Shear and bending moment diagrams are emphasized with an introduction to member design. Deflection of beams and columns bucklings is introduced.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EGN4042 - Problem Solving and Continuous Improvement Methods for Engineers

General

Course Description
Prerequisite: EGN 1001C and STA 3032
Description: Application of problem identification, solution development and continuous improvement methods to real-life problems from community partners by using engineering tools and concepts is presented. Projects entail root cause analysis, developing multiple solutions and selection as well as implementation of the best solution for the needs of the client.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EGN6333 - Advanced Mechanics of Materials

General

Course Description
Prerequisite: EGN 3331 Mechanics of Materials
Description: This course will cover general theories of stress and strain, stress and strain transformations, and principal stresses and strains. The course will also cover octahedral shear stresses, introduction to elasticity and plasticity, introduction to constitutive behaviors, and introduction to yielding and failure criteria.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EGN6456 - Advanced Engineering Analysis

General

Course Description
Prerequisite: Graduate standing
Description: This course covers methods of analysis to applied engineering problems. The topics covered will include a review of vector calculus and linear algebra, analytical solutions and numerical integration of ordinary differential equations, introduction to finite element and finite difference methods, and an introduction to the solution of partial differential equations. Examples used in the course will be derived from the field of engineering. Students will be required to use computational tools for this course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EGN6457 - Advanced Research Methods for Engineers

General
Course Description
Prerequisite: Engineering graduate student status or instructor permission.
Description: This course covers the application of statistical analyses to engineering problems. The course emphasizes theory and methods of conducting advanced research, including the scientific method.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EGS3065 - Professional Issues in Engineering

General
Course Description
Prerequisite: Engineering standing
Description: This course covers professional issues of engineering including communication; leadership, negotiations and influencing others; interacting with others; gender, diversity and inclusion; career development; legal considerations; adaptation and continuous education; and time management.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EHD3941 - Deaf Education Field Practicum I

General
Course Description
Description: This field-based course will provide deaf education students an opportunity to observe and instruct students who are deaf or hard of hearing in a variety of settings. Deaf education students will interact with students and observe both their culture and use of language. This course will consist of periodic meetings to process the observation and field experiences.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EHD4013 - Deafness and Diversity

General
Course Description
Description: This course is designed to prepare teacher candidates to work students who are deaf and diverse: deaf with disabilities (DWD; e.g., autism, intellectual disabilities) and/or students who are deaf or hard of hearing multilingual learners (DML). Students who are DML come from homes where their caregivers speak a language other than English, nor do they use American Sign Language. This course will address the complex issues and practices that are embedded in the working with families and service providers, identifying resources

needed to best meet the needs of the learner, and understanding identification, placement, assessment, and intervention strategies for students who are Deaf and Diverse. Field experience required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EHD4245 - Language and Literacy Assessment & Instruction for DHH Students

General

Course Description
Prerequisites: ASL4131.
Description: This course is focused on methods of language development assessment and instruction with deaf or hard of hearing (DHH) children. Students will develop an understanding of typical language development and the effects of hearing loss on the development of language. They will learn about informal and formal assessments of both through-the-air (signed or spoken) and written language and analyze language samples. They will then learn how to use assessments to plan and provide instruction aimed at facilitating the language acquisition and development of DHH students.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EHD4261 - Audiology and Speech Science

General

Course Description
Prerequisite: EHD 4311. A study of the physical characteristics of the speech and hearing mechanisms, the physical dimensions of sound, the psycho-acoustic aspects of sounds, and the relationships among these areas. Field experience required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EHD4263 - Methods of Teaching Listening and Spoken Language to DHH Students

General

Course Description
Prerequisite: ASL 4131
Description: The purpose of this course is to provide learners with the knowledge base to understand instructional methods of teaching deaf and hard of hearing students who use listening and spoken language. The areas to be covered include the anatomy and physiology of speech mechanisms, practical orthographic representations of speech, introductory phonetics and phonology, functional descriptions of speech sound production, and basic speech acoustics. Learners will also be trained in the assessment of speech, teaching sequence of speech skills, and specific strategies for the elicitation, development, transfer and maintenance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EHD4270 - Deaf Education Field Practicum III

General
Course Description
Prerequisite:ASL 2140, ASL 2150 and EHD 4940Description: This field-based course focuses on working with students who are deaf or hard of hearing who use advanced hearing and listening technologies in a variety of settings; in addition to those students who may not use hearing and listening technologies. Issues and trends related to teaching students with cochlear implants, digital hearing aids, bone-conduction hearing aids, advanced FM systems, and speech to text devices will be discussed. The importance of differentiated instruction and other instructional strategies will be presented. Field hours in a setting with student(s) who are deaf or hard of hearing is required to successfully complete this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EHD4290 - Differentiating Literacy Instruction for Deaf and Hard of Hearing Students

General
Course Description
Prerequisite: EHD 4245, LAE 3210 and LEA 3211
Description: This is the fourth language & literacy course in the deaf education program. It follows courses in the foundations of language and literacy development including methods, resources, strategies, and assessments for language and literacy teaching and learning. The pre-requisites include EHD 4245 Language and Literacy Assessment and Instruction, LAE 3210 Foundations of Literacy, and LAE 3211 Literacy Instruction & Assessment. This course focuses on differentiating reading and writing instruction for deaf and hard of hearing (DHH) students and requires the application of skills in a field component with DHH students. It will enable teacher of the deaf candidates to assess DHH students using a wide variety of literacy assessments, to identify strengths and opportunities for growth, and to provide targeted instruction and intervention aimed at individual objectives.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EHD4291 - Content Area Curriculum & Instruction for DHH Students

General
Course Description
Prerequisite: EHD 4311 and ASL 4131
Description: This course is designed to give learners the opportunity to learn about pedagogy and curriculum as related to educating students who are Deaf or hard of hearing. Learners completing this course satisfactorily will be able to plan yearly, monthly, weekly, and daily lessons using a variety of formats. Learners will be introduced to instructional skills in the areas of assessment, planning, implementation, and evaluation. In addition, learners will be able to practice many of the technical skills needed to prepare instructional materials for the classroom. The learner will also be introduced to the development and adaptation of curriculum materials and instructional procedures in reading, mathematics, science, and social studies to fit the unique educational needs of students who are deaf or hard of hearing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EHD4293 - Reading Instruction and Assessment for Students who are Deaf or Hard of Hearing

General

Course Description
Prerequisite: EHD 4245
Co-requisite: EHD 4940
Description: he course will provide learners with both a theoretical foundation of teaching reading to students with hearing loss and practice experiences. The reading, discussions, and guest lectures will provide learners with practical strategies. Learners will engage in reading instruction with K-12 students to practice skills learned in the university classroom. In this course learners will be able to describe the foundations of reading (i.e., cognition and language development) and implement assessments, including reading inventories. The learners will be able to describe current reading theories and models of reading, describe literacy development of students with hearing loss and plan and implement a literacy program for deaf students.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EHD4311 - Psychology and Education of the Deaf

General

Course Description
An introduction to the nature and needs of students who are deaf or hard of hearing with attention to identification, characteristics, assessment and intervention. The course will include the history and philosophy of deaf education. Field experience required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EHD4904 - Independent Study in Deaf Education

General

Course Description
Description: This course permits the learner to investigate selected topics in a specialized area (deafness).

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
3

EHD4940 - Deaf Education Field Practicum II

General

Course Description
Prerequisite: ASL2140 and ASL 2150Description: This field-based course will provide deaf education majors an opportunity to observe and teach deaf and hard of hearing students in a variety of settings. Deaf education majors will interact with

deaf or hard of hearing students and observe both their culture and use of language. This course will consist of periodic meetings to reflect on experiences in the field and bridge theory with practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

EHD4942 - Deaf Education Literacy Practicum

General
Course Description
Co-requisite: EHD 4944
Description: This is the fifth and final language & literacy course in the deaf education program. Students must have completed all of their coursework in the deaf education program excepting this course and its co-requisite. In this culminating practicum, teacher of the deaf candidates will demonstrate knowledge of the components of reading, as well as assessments and data analysis, to implement a comprehensive research-based reading plan of instruction for all students.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EHD4943 - Deaf Education International Practicum

General
Course Description
Prerequisite: EHD 3941
Description: This course will provide Deaf Education majors an opportunity to observe, assist, and teach students who are deaf and hard of hearing in an educational place setting outside of Florida. Students will be expected to complete hours in a variety of settings with students who are deaf or hard of hearing and observe their culture and participate in the use of the students' mode of communication, be it verbal or signed languages. This course will consist of periodic meetings to process the observation and field experiences. Placements may take place in public, private, and charter schools with qualified personnel.
Repeatability: This course may be repeated for a maximum of 4 credit hours.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
1

EHD4944 - Deaf Education Internship

General
Course Description
Prerequisite: EHD 4245, EHD 4261, EHD 4311, EEX 3202, EEX 4281, EEX 3250, TSL 3080, TSL 4340, LAE 3210, EHD 3000, EHD 4940, EHD 4263, ASL 4205, EHD 4293, and EHD 4291Co-requisite: EHD 4942Description: This course will provide students with the opportunity to teach students who are deaf and hard of hearing in a classroom. Students are expected to demonstrate teaching competencies under the observation of a cooperating master teacher of the deaf and their college internship supervisor. Students must complete all of the courses in the program of study prior to enrolling in this course in order to complete the degree requirements.Availability: Every semester

Credit Hours
Credit Hours:
9

Contact Hours
Contact Hours Min:
9

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
9

Other Hours

Other Hours Min:
9

Number Of Repeats:
0

EHD6361 - Math/Science/Social Studies Instruction for the Deaf

General

Course Description
Prerequisite: EHD 5341. In this course, students will learn about curriculum trends, teaching techniques, and appropriate media for teaching math, science, social studies to students who are deaf or hard of hearing. Students will learn about current curricula in use with these students. Field experience required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EIN3003 - Fundamentals of Industrial Engineering

General

Course Description
Prerequisite: STA3032 and EGN1001C
Description: This course aims to expose the students at an introductory level to the basic concepts of a range of topics in industrial engineering and to demonstrate how and why the application of such concepts is effective. Accordingly, it introduces fundamental knowledge in supply chain management and logistics with specific attention to the interplay between manufacturing systems, process planning, and the flow of resources. Among the topics are classification and design of production systems, production planning, inventory management techniques, and demand forecasting problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EIN3304 - Thermofluids for Manufacturing

General

Course Description
Prerequisite: EGN3321 and CHM2045
Description: This course introduces the areas of thermodynamics, fluid dynamics, and heat and mass transfer as applicable to manufacturing settings. The topics of this course include introductory thermodynamics, thermodynamic cycles and cycle analysis, fluid statics and dynamics, mechanisms of heat transfer, and applications of heating and cooling to manufacturing systems and hardware.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EIN3390 - Materials Processing

General

Course Description
Prerequisite: EMA3010
Description: This course introduces the methods by which raw and precursor materials are created and by which end use products are fabricated. Students will develop an understanding of how the structure-processing –property relationship of given materials informs manufacturing process selection and product design.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EIN3621 - Computer Aided Manufacturing

General
Course Description
Prerequisite : STA3032, EEL3111, and EML3535C
Description: This course provides an introduction to modern computing hardware and software in manufacturing, covering topics such as computer-aided design (CAD), computer-aided manufacturing (CAM), and product data management (PDM). The course also covers the mathematical principles and tools for optimizing tool path design in additive and subtractive manufacturing processes. Students will learn to use CAD and CAM software and simulation tools to design and manufacture a part that meets technical requirements and constraints. Additionally, the course will cover the development and programming of microcontroller-based systems (e.g., Arduino) for simulating control and automation of manufacturing processes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EIN3800 - Subtractive Manufacturing

General
Course Description
Prerequisite: EML4320C and EIN3390
Description: Building on the fundamentals of machining and metal cutting, this course furthers the theoretical and applied knowledge of subtractive manufacturing techniques such as: milling, turning, grinding, electric discharge machining, plasma cutting, water-jet cutting, and surface modification. Further, this course reviews the interplay between material selection, engineering design, subtractive manufacturing methods, tooling, machinery, and machining economics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EIN3800L - Subtractive Manufacturing Laboratory

General
Course Description
Co-requisite: EIN3800
Description: In this course operation and technique of subtractive manufacturing methods are introduced using subtractive manufacturing machinery such as mills, lathes, grinders, electric discharge machines, and surface modification equipment. Advanced manufacturing techniques and their operation will be introduced including CNC milling, CNC turning, CNC routing, and water-jet cutting.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EIN3801 - Additive and Netshape Manufacturing

General

Course Description
Prerequisites: EML4320C and EIN3390
Description: Building on the fundamentals of additive and net shape manufacturing, this course expands on the theoretical and applied principles of techniques such as casting, molding, extrusion, rolling, forging, 3D printing, metallization, and additive surface treatments. Further, this course reviews the interplay between material selection, engineering design, additive manufacturing method, machinery, and production economics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EIN3801L - Additive and Netshape Manufacturing Laboratory

General

Course Description
Co-requisites: EIN3801
Description: This course focuses on the operation and techniques of additive and net shape manufacturing methods. Students will design and produce parts to meet prescribed technical specifications through methods including casting, 3D printing, metallization, and surface treatments such as anodizing.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EIN4519 - Manufacturing Systems Integration

General

Course Description
Prerequisites: EML4320C and STA3032
Description: This course introduces enterprise level analysis of the planning, evaluation, deployment, and integration of manufacturing theory and methods in production settings. It emphasizes the plant-level interrelationships between manufacturing methods, human factors, and process monitoring and control. Further, this course surveys current and emerging technologies, techniques, and strategies that can increase a manufacturing enterprise's responsiveness to volatile markets and enhance the use of internal engineering and business to increase profitability. Topics include engineering product design for manufacturability, production planning and control, lean manufacturing, mass customization, reconfigurable manufacturing systems, and supply chain resource management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EIN4602C - Control of Machinery for Manufacturing

General

Course Description
Prerequisites: EGN3321 and EIN3621
Description: This course introduces the theory and application of feedback control in automated manufacturing systems. The topics of the course include: (1) modeling and analysis of modern manufacturing hardware such as robots, machining centers, sensors, and actuators, (2) the theory and application of feedback control algorithms such as on/off, PID, lead/lag compensation, and state control in manufacturing systems, and (3) the implementation of control logic on programmable logic controller (PLC) systems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EIN4930 - Special Topics in Manufacturing Engineering

General

Course Description
Description: This course covers special topics in Manufacturing Engineering. Repeatability: May be repeated for a maximum of 6 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

EIN4949 - Advanced Manufacturing Internship

General

Course Description
Prerequisite: Departmental Permission and Advanced Manufacturing MajorDescription: Students will participate in practical engineering work under industrial supervision. Approval of both the sponsoring employer and department is required prior to enrolling in this course.Repeatability: This course may be taken for up to 3 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

ELD4230 - Curriculum for Students with Learning Disabilities

General

Course Description
Prerequisite: ELD 3011. This course provides an analysis of curricula appropriate for learning disabled students at all educational levels. Use and adaptation of curricular materials will be addressed as well as lesson and unit planning.

Credit Hours

Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

ELD6235 - Methods Ind Inst Learning Diabilities

General

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EMA3010 - Introduction to Materials Science and Engineering

General
Course Description
Prerequisite: CHM2045 (“C" or better), CHM2045L (“C” or better), and MAC2311 Calculus I (“C” or better)
Description: This lecture based course covers the fundamentals of materials science and the application of materials knowledge to engineering design. Topics covered include the bonding and structure of metals, ceramics and polymers, physical and mechanical behaviors of materials, phase equilibria, phase transformations and microstructural evolution.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

EMA4502 - Materials Characterization

General
Course Description
Prerequisite: EMA 3010
Description: The analyses of crystal structures, microstructures and chemical composition are presented. Students will learn the physical principles behind optical microscopy, electron and x-ray diffraction and electron microscopy for the purpose of identifying materials and assessing their properties.
Course fees: $40

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

EMA4704 - Materials Selection

General
Course Description
Prerequisite: EMA 3010
Description: This course exposes students to an algorithm for proper materials selection that will guide them in design activities. The course focuses on the assessment of the demands of specific design criteria including, but not limited to mechanical properties, corrosion, interaction with the service environment as well as economic and social factors.
Course fees: $75

Credit Hours
Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EMA4930 - Special Topics in Materials Engineering

General

Course Description
Description: This course covers special topics in Materials Engineering.
Repeatability: May be repeated for a maximum of 6 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

EMA5104 - Advanced Materials Principles I

General

Course Description
Prerequisites: Acceptance into the MS program in Materials Science and Engineering or permission of instructor
Description: This course covers the structure of materials from the atomic to the microstructural level, and the relationship of structure to the thermal, mechanical, electrical, optical, and magnetic behavior of materials. Fundamental thermodynamics, kinetics, and phase stability are presented.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EMA5114 - Advanced Materials Principles II

General

Course Description
Prerequisites: EMA5104 Advanced Materials Principles I
Description: Specific classes of materials including metals, polymers, ceramics, semiconductors, and composites are examined with respect to their structure-processing-property relationships and unique engineering applications. Special emphasis will be placed on high-performance materials, emerging processing methods, and high-tech applications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EMA5504 - Materials Characterization

General

Course Description
Prerequisites: Acceptance into the MS program in Materials Science and Engineering or permission of instructor
Description: Methods for the assessment of chemical composition and atomic level structures are presented. Theory of photon and electron probe production and

sample interaction are explored in depth. Topics include scanning probe microscopies, optical microscopies, electron microscopy, x-ray fluoroscopy and tomography, diffraction, and spectroscopic methods.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EMA5814C - Modeling and Simulation of Materials

General

Course Description
Prerequisite: Acceptance into the MS program in Materials Science and Engineering or permission of instructor
Description: This course introduces the general computing and programming skills that are necessary to perform numerical computations and simulations in materials science and engineering. This includes an introduction to simulation methods for continua including finite differences and finite elements, as well as probabilistic approaches such as the Monte Carlo method. Also covered are techniques for simulating material properties based on atomistic structure such as density functional theory and molecular dynamics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EMA6971 - Graduate Thesis Research

General

Course Description
Prerequisites: Acceptance into the MS program in Materials Science and Engineering
Description: Students must complete a total of 17 credit hours of Graduate Thesis Research in partial fulfillment of the requirements for the MS degree in Materials Science and Engineering. Students will conduct directed independent research under the advisement of their graduate advisor and thesis committee.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
16

EMA6973 - Graduate Thesis Defense

General

Course Description
Prerequisites: Permission of instructor
Description: Students in the MS program in Materials Science and Engineering must take this course in their final semester in the program in partial fulfillment of the requirements for the MS degree in Materials Science and Engineering. Students must complete the written portion of their thesis and provide a public oral defense.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

EME1000 - Introduction to Learning Design and Technology

General

Course Description
This course provides students with a foundational overview of learning design theory and trends. Students will explore key concepts in design thinking, instructional design and learning trends which support learners in education and workplace settings. Course concepts will be explored through project development resulting in a foundational e-Portfolio to demonstrate core competencies in learning design and technology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME2040 - Introduction to Educational Technology for Learning Professionals

General

Course Description
Description: Students will learn the application of instructional design principles for the use of technology to enhance the quality of teaching and learning in the classroom. The course includes hands-on experience with educational media, emerging technologies, and hardware, software, and peripherals for the personal computer as well as data-driven decision-making processes. Students also learn the identification of appropriate software for classroom applications, classroom procedures for integrating technologies with emphasis on legal and ethical use, and effective instructional strategies for teachers and students in regard to research, analysis, and demonstration of technology. Students will be provided an overview of the Florida Educator Accomplished Practices, Sunshine State Standards, the Professional Educator Competencies, and the National Educational Technology Standards.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME3044 - Issues and Trends in Educational Technology

General

Course Description
Description: Introduces the field of educational technology and its history and allows an exploration of current topics and trends in educational technology research and application.
Repeatability: The course may be repeatable up to 9 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

EME3045 - Technology Tools and Skills for Effective Communication

General

Course Description
Description: This course provides learners with strategies and applications for communication tools which support learning design systems, including organizational practice for eLearning communication. Course content focuses on a variety of methods in which many organizations integrate communication tools as a way of sharing information. This course requires students to use and apply technology tools for training and development purposes, including (but not limited to) cloud-based sharing, learning management systems, social media and beyond. Writing design elements will also be highlighted to demonstrate best writing practices and strategies for accessibility and effective communication.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME3047 - Technology Tools and Skills for Effective Presentation

General

Course Description
Description: This course provides learners with strategies and applications for designing learning to organize, structure, create and present effective and engaging presentations for training and education. Course content focuses on a variety of methods in which many organizations integrate presentation tools as a way of sharing information. This course requires students to develop effective and persuasive uses of presentation software in the teaching/training environment, including (but not limited to) PowerPoint, Keynote, Google Presentation, Prezi, Knovio, and beyond. Design elements will be highlighted to demonstrate best strategies for designing presentations for accessibility and design value.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME3048 - Designing for Learning Platforms

General

Course Description
Description: This course provides an overview into the various styles and platforms which may be leveraged for learning. Styles may include face-to-face, blended, online, hybrid and flipped as well as the various technology tools which support these learning platforms. Students develop learning objects which can be integrated on these various platforms as well as identify when best to apply each platform for effective learning environments. Learning design tasks for this course will also include task analysis, measurable performance objectives, lesson designs, and course material development.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME3342 - Data Analysis and Visualization Design for Instruction

General

Course Description
Prerequisite: STA2014
Description: This course is an overview of central concepts for collecting, analyzing, and creating engaging, informative and accessible graphics for data visualizations. This is an introductory course in the use of data application and is designed to provide a working knowledge of data collection, spreadsheet use, formula creation and use, statistics application, and data display. Effective visual storytelling through information graphics will be developed through analytical skills, design principles and accessibility practices. Students will create portfolio

artifacts from data collected from various formats and collections. Artifacts will be based on authentic design needs with potential use in presentations, reports and learning experiences.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME3351 - Adult Learning Theory and Curriculum Development

General

Course Description
This course examines the uniqueness of adult learners and how these factors impact the design and development of education and training programs. This course will explore adult learning theories as well as the role of motivation, relevance, and autonomy in adult learning.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME3364 - Research Methods in Learning Design and Technology

General

Course Description
This course introduces students to learning design and technology research methods, empirical research and trends in the field. The research component of the course is divided into 3 sections: (1) research preparation; (2) data collection; and (3) data interpretation and dissemination. Research experience may include data analysis, field experience and library research.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME3624 - Training Needs Assessment

General

Course Description
This course examines the role of training needs assessment in workforce training and development and learning design. The course will introduce strategies used to collect and analyze data to identify and clarify training needs. Students will develop a training needs assessment used to assess organizational needs and identify gaps for the training design process, including how to develop a plan to design training to assess performance issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME3905 - Directed Independent Study

General

Course Description
Description: This course involves special studies undertaken independently by students under the supervision of a Learning Design and Technology faculty member. Students must have the faculty supervisor and Department Chairperson's approval for a special study prior to enrollment.
Repeatability: This course may be repeated to a maximum of 12 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
12

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
12

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
12

Other Hours Operator:
TO

Number Of Repeats:
11

EME4043 - Instructional Technology Leadership

General

Course Description
Prerequisite: EME3364
Description: Students will examine the role of the learning design and technology leader in effective integration, management and transformations in a variety of settings, including education, training, military, public sector and non-profits. The course focuses on technology, digital-age leadership, and ethical and legal issues surrounding leadership. The course supports the development of the role of policy and procedures and systems thinking to guide effective leadership for empowering all aspects of learning design and technology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME4083 - Program Evaluation in Instructional Design and Technology

General

Course Description
Prerequisite: EME3624
Description: In this course, students will develop skills used to select appropriate models for conducting various types of evaluations. A series of models will be reviewed and aligned with evaluation purposes and questions. Students will engage in projects applying chosen evaluation models to ensure interventions, programs, and projects are successful. The development of a comprehensive evaluation plan will provide students with the opportunity to align an evaluation model with data collection strategies and techniques for a specific evaluation purpose.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME4223 - Gamification of Learning

General

Course Description
This course provides an overview of gamification and the application of game thinking and mechanics to teaching and learning in various contexts. A few theories will be explored, from flow to self-determination theory. Along with theory, students will apply strategies to design challenges. Additionally, projects will focus on what (gamification) is to how it can be leveraged for learning design.

Use of game elements for non-game contexts will be highlighted (badging, leaderboards, quests, avatars, etc.), and gamifying learning experiences in the workplace for training purposes will be addressed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EME4334 - UDL: Universal Design for Learning

General
Course Description
This course provides a foundational overview of the three principles of universal design for learning (UDL): multiple means of representation, engagement, and action and expression. Students will identify strategies for implementing UDL to support all learners including developing a UDL mindset in organizational culture. Additionally, students will analyze technology products and software and their potential for furthering access for all learners.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EME4673 - Foundations of Instructional Design

General
Course Description
Prerequisite: EME3351
Description: This course provides students with an overview of the field of instructional design by exploring models that contribute to human learning, development, and critical thinking. Students will explore the field as a systematic and research-based means of designing effective, efficient, learner-focused experiences. Students will use these processes to design meaningful experiences for a variety of learning environments.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EME4674 - Development of Instructional Materials

General
Course Description
This course explores the pedagogical, technical, and logistical aspects of instructional content as a key component of instructional development. Design principles, including those surrounding messaging, will include consideration for individual preferences as well as standards of practice from the field. Other factors that influence instructional material development will also be discussed including the influence of technology, time and cost challenges, and accessibility.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EME4684 - Learning Design and Technology Capstone

General

Course Description
The capstone is designed to enable students to demonstrate mastery of the program's learning design and learning focus including application, skills, and strategies developed during the academic program through field-based experiences. Students will develop an online unit that incorporates principles and practice acquired. Students will identify, propose, and complete a capstone project and develop a digital portfolio highlighting their attainment of the program-level learning outcomes and chosen personal philosophy of design.

Credit Hours

Credit Hours:
6

Contact Hours

Contact Hours Min:
6

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
6

Lecture Hours

Lecture Hours Min:
6

Number Of Repeats:
0

EME5403 - Technology in Education

General

Course Description
Description: The content in this survey course for teachers and administrators emphasizes technology as a personal and professional productivity tool. Students will use technology for communicating, solving problems, and participating in activities that encourage lifelong learning. Students are prepared as educators to use technology to support and enhance teaching and learning. The course content includes equitable, ethical, and legal issues in educational technology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME6046 - Technology and Literacy

General

Course Description
Description: This course is designed to introduce all teachers and future teachers to the concepts of how literacy (reading and writing) can be supported and developed with technology, incorporating computer technology beyond simple word processing in the teaching of writing. During this class you will have the opportunity to investigate, experiment with and use the following: eBooks, presentation software, the Internet, educational software, multimedia programs, and more. Course topics include the digital scaffolding tools, technology for accommodations, digital reading options, and electronic books in many forms.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EME6055 - Trends and Issues in Technology, Education, and Training

General

Course Description
Description: This course is a special topics course that provides an overview of current issues and trends. Course topics may include theoretical and practical approaches to identifying technology's impact on culture, learning systems, identity, organizations, and industries. Through critical inquiry, students will explore connections between community, culture and technology based in current literature. Students will analyze these issues in context through a technology leadership lens to identify past, present and future implications for learning.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EME6061 - Educational Technology Portfolio

General
Course Description
Description: Graduate students seeking a master's of Educational Leadership with a concentration in Educational Technology must develop an Educational Technology Portfolio to document mastery of all the major International Society for Technology in Education (ISTE) competency areas for educational technology leadership as part of the requirements for graduation. This portfolio should demonstrate the students' conscious reflection upon their learning, to help guide and expand their understanding. While the portfolio is an ongoing assignment throughout the program, during this course the educational leadership technology portfolio is to be submitted to the educational technology faculty advisor. This course is to be taken during the last semester of the program, when the student is planning on graduating.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
⚫ - Billing Hours
Min:
0

Other Hours
Other Hours Min:
0

Number Of Repeats:
0

EME6226 - Gamification of Learning

General
Course Description
This course provides an overview of gamification strategies used to increase learner engagement. In this course, students will apply these strategies rooted in game thinking and mechanics to teaching and learning in various contexts, including training. A number of theories will be explored, from flow theory to self-determination and embedding these practices in design challenges and projects. The course will explore how the use of game elements for non-game contexts can be applied (badging, leaderboards, rewards, celebrations, etc.), as well as explore online tools that can further gamify learning experiences.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EME6344 - Lifelong Learning and Professional Development

General
Course Description
Description: This seminar is designed for those who plan to work with adults in various learning contexts including academic and career preparation, professional development, inservice training, and continuing education. Students will explore the psychological, sociological, and economic dimensions of adult learning in the American experience. Emphasis will be given to the application of theory to contemporary practice in the formal provision of educational activities for adults.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

EME6346 - Needs Analysis, Assessment & Data Visualization

General

Course Description
This course is an overview of central concepts and emerging trends for collecting, analyzing, and creating engaging, informative and accessible graphics for data visualizations. This course in the collection of information, inquiry and use of data applied to provide a working knowledge of data use and display. Effective visual storytelling through visuals will be developed through analytical skills, design principles and accessibility practices. Students will create authentic artifacts from data collected from various sources and collections.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EME6405 - Educational Web Design

General
Course Description
Prerequisite: EME 5403 or EDA 6271, or permission of the course instructor
Description: Students in this course develop competencies in evaluating web pages for educational use, and in designing and producing effective web pages for school and classroom. Students will be prepared educators to create online content and tools for learning. Students develop their understanding of web design principles, multimedia, HTML, needs assessment, instructional design web publishing and usability testing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EME6409 - Interactive Distance Education

General
Course Description
Prerequisite: EME 5403 or EDA 6271, or permission of course instructor
Description: This course explores forms of synchronous and asynchronous interactive distance education from perspectives of theory and practice. Designed for K-12 and higher education instructors and administrators, as well as trainers and instructional designers from other professional settings, the course focuses on the interpretation and application of theory, research, and standards-based effective practices to the design, development, and evaluation of distance education experiences. Skills and knowledge acquired in the course will contribute to distance and classroom teaching capabilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

EME6418 - Educational Multimedia

General
Course Description
Prerequisite: EME 5403 or EDA 6271, or permission of the course instructor
Description: The content of this course focuses on the design, development, and implementation of interactive media in instructional settings. Topics include: instructional design, input and output devices, optical technologies, hypermedia with sound and video, communicating with multimedia products, and the future of technology in education.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME6441 - Technologies for Special Populations

General

Course Description
Prerequisite: Computer Experience
Description: The students will develop an understanding of assistive technology, accommodations, technology applications and adaptations to improve functionality of learners of all abilities, including ESE and ESOL.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EME6442 - Curriculum and Instruction for Adult Learning

General

Course Description
Prerequisites: This is an advanced course that presents the principles of adult learning and instruction. Attention is given to those situations, factors, and methods that may influence how adults learn in a variety of traditional, non-traditional, and multimedia/telecommunication settings. An analysis of several teaching models and instructional approaches for creating learning environments for adults appropriate for community colleges, continuing education, and training and development will be focal element of the course. This will be achieved through study, development, and application of different models of instructional designs for adult learners as well as identifying and evaluating variables related to these models.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME6601 - Instructional Design and Applications

General

Course Description
Description: This course focuses on the application of instructional design principles to the development of instruction. Topics include contemporary issues and trends in instructional design, foundations in learning research, requirements for instruction, task and needs analysis, learning situations and instructional model, learners characteristics, hardware and software innovations, assessing instructional outcomes, and factors affecting utilization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME6609 - Universal Design for Learning (UDL): Diversity and Inclusion Practices for Training and Development

General

Course Description
Description: Students in this course will have the opportunity to explore concepts and practice as they relates to the Universal Design for Learning as a framework for removing barriers to learning for all students. This course focuses on a mindset, analysis and practice approach to exploring Universal Design for Learning (UDL) in

various contexts. This course includes diverse learning activities such as discussions, reflections and problem-based learning activities to support students' development and understanding of Universal Design for Learning. Students will apply Universal Design for Learning principles to the design of accessible instructional materials including but not limited to technology-based strategies and beyond.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME6678 - Effective Training Design and Development

General

Course Description
Description: Training and development can be described as "an educational process which involves the sharpening of skills, concepts, changing of attitude and gaining more knowledge to enhance the performance of employees". The field of adult education is characterized by a huge array of programs, agencies, and personnel working to assist adults in their learning. The nature of adults as learners and the distinguishing characteristics of the adult learning process differentiate adult education from other types of education. In concurrence with the Association of Training and Development's (ATD) conceptual framework, this course provides a rigorous study of the functions and roles of individual employee and team training and development to ensure effective performance. This course examines the role of training from a strategic perspective including planning and assessment, design and delivery, evaluation of training and integration of training with performance management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EME6909 - Directed Independent Study - Educational Technology, Training and Development

General

Course Description
Description: This course involves special studies undertaken independently by students under the supervision of an Educational Technology, Training and Development faculty member. Students must have the faculty supervisor and Department Chairperson's approval for a special study prior to enrollment. Repeatability: May be repeated with a change of content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

EME6956 - Graduate Capstone: Applied Research & Field Experience

General

Course Description
This course is designed to provide students with direct field experiences for applied practice opportunities. Students will demonstrate mastery of the program's outcomes including skills and strategies developed during the academic program. Students will apply their knowledge in field as well as through eLearning development that incorporates principles and practice acquired. Students will work with field experiences to identify a proposed area of research to be completed upon graduation and entry into the field.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML3015 - Fluids

General
Course Description
Prerequisite: EGN 3311 and EML 3100
Co-requisite: EGN 3321
Description: The purpose of the course is to introduce the fundamental principles of fluid mechanics, including fluid statics, fluid kinematics, and the dynamic equations for fluid mass, momentum and energy conservation. Also, the fundamental principles of fluid mechanics are used to solve basic engineering problems involving incompressible flow.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML3100 - Thermodynamics I

General
Course Description
Prerequisite: CHM 2045, CHM 2045L, PHY 2049L, and PHY 2042 OR PHY 2049
Co-requisite: MAP 2302 and EGN 1001C
Description: This course will include the study of energy, its forms and transformations. Topics covered will include properties of pure substances, work and heat, the first law of thermodynamics, the second law of thermodynamics, and energy and power systems using thermodynamics principles.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML3101 - Thermodynamics II

General
Course Description
Prerequisite: EML 3100 and MAP2302
Description: This course is a continuation of Thermodynamics I. In this course, students will consider concepts associated with power and refrigeration systems, gas mixtures, chemical reactions and equilibrium, and irreversibility and availability. Students will learn how to apply thermal sciences concepts through design activities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML3535C - Modern Engineering CAD

General
Course Description
Description: This course covers fundamentals of engineering graphics including drafting, dimensioning, tolerancing, and exposure to computer aided design software.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EML4004L - Thermal Sciences Laboratory II

General
Course Description
Prerequisite: EML 3101 and EML4304L
Co-requisite: EML 4140
Description: This laboratory course is designed to provide insight and experience into the advanced fundamental principles taught in core thermal science lecture courses. Topics may include safety, thermodynamic cycles, heat exchangers, conduction and convection heat transfer, turbomachinery, and internal/external flow concepts. Emphasis will also be placed on further development of technical writing skills and oral presentations.
Course Fees: $40

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EML4126 - Transport Phenomena

General
Course Description
Prerequisites: EML 3015, EML 4140.
Description: This course covers the analysis of heat transfer in fluid systems, forced convection, free convection and phase change. The design and selection of heat exchangers is also covered. The course will also investigate the dynamics and thermodynamics of compressible fluid flow and develop basic theory of turbo-machinery operation and sizing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4140 - Heat Transfer

General
Course Description
Prerequisite: EML 3015 and EGN 3321
Description: In this course concepts are presented and studied describing the processes of transferring energy in the form of heat from one body (solid, liquid, or gas) to another body. Heat transfer by conduction and radiation will be covered, and analysis tools will be employed in the topics presented.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4301C - Control of Machinery

General

Course Description
Prerequisite: EML 4312
Description: This course covers the theory and design of linear systems control techniques applied to control of machinery. The study of design and implementation of control systems using conventional automatic controllers for linear systems, compensation techniques, and discrete-time control systems for machine control is covered. One or more advanced topics in modern control theory including adaptive control, optimal control, control of nonlinear systems are introduced. Simulation and/or hardware of modern control systems is covered.
Course Fees: $40

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EML4304L - Thermal Sciences Laboratory I

General

Course Description
Co-requisite: EML 3015
Description: This laboratory course is designed to provide insight and experience into the basic fundamental principles taught in core thermal science lecture courses. Topics may include safety, problem solving method, instrumentation, definitions, and basic concepts. Emphasis will also be placed on development of technical writing skills.
Course Fees: $40

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EML4312 - Modeling and Analysis of Dynamic Systems

General

Course Description
Prerequisite: EEL 3111, EGN 3203, and EGN 3321.
Description: This course subject is dynamic modeling and analysis of physical systems with emphasis on mechanical systems engineering. The course makes use of systems modeling techniques to model mechanical systems as well as mixed-up energy systems including mechanical translation, mechanical rotation, electrical, and fluid subsystems. Computer analysis tools are included and projects are augmented with laboratory equipment. Introduction to linear systems with feedback control is also presented.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EML4320C - Integrated Design and Manufacturing

General

Course Description
Prerequisite: EML 3535C and EGN 1001C
Description: Students will be introduced to topics in design and manufacturing, basic manufacturing principles, computer aided design, computer aided manufacturing, geometrical dimensioning and tolerancing, and rapid prototyping. In addition to lectures, students will be exposed to lab activities in design and manufacturing.
Course Fees: $40

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EML4328C - Applied Programmable Logic Controllers for ME

General
Course Description
Prerequisite: EEL3111
Description: This course introduces students to the hardware and programming utilized to control processes in modern manufacturing settings. The course begins with a survey of the operating principles of hardware including programmable logic controllers (PLCS), sensors, motion control, temperature control, pressure control, and others. The course introduces the fundamentals and application of two-position and PID control. The course then transitions to hands-on laboratories utilizing modern PLC hardware and software to perform specific tasks pertinent to manufacturing processes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

EML4421 - Internal Combustion Engines

General
Course Description
Co-requisite: EML 3101
Description: This course provides a broad introduction to all aspects of Internal Combustion Engine theory, modeling and design, with strong emphasis on operation of engine sub-systems, advanced technology, combustion and thermodynamics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4501 - Machine Design

General
Course Description
Prerequisite: EMA 3010 and EGN 3331
Description: This course covers fundamentals of machines designs, stress, strain, and failure analysis including static and fatigue theories. Design of specific elements such as springs, screws, fasteners and shafts will be covered.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4507C - Finite Element Model/Analysis

General
Course Description
Prerequisite: EML 3535C and EML 4501
Description: Students will study stress-strain relationships, design of mechanical components and assemblies, and finite element modeling and analysis. In-house modeling and analysis software will be used. Students will be exposed to theoretical background and real life applications.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EML4541 - Design Against Mechanical Failure

General
Course Description
Prerequisites: EMA3010, EGN3331, and EML3535C
Description: This course builds on the fundamentals covered in solid mechanics and material science by providing perspective on the most dominant mechanical failures in the real world. These failures include applications of failure theories to multiaxial stress states for various types of materials, fracture mechanics, fatigue, wear, fretting, and instability. The course is taught from practical perspective where the student learns how to analyze and design against failure modes using commercial engineering software used in industry, including ANSYS, nCode, and CAD.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4544 - Materials and Handling I

General
Course Description
Prerequisites: EML 3100 and EML 3015. The movement of materials necessary to provide for the efficient manufacturing processes is a complex and often vexing problem. This course will use examples of difficult materials handling processes and provide demonstration of the tools necessary to design systems to handle these materials.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4551 - Senior Capstone Design I

General
Course Description
Prerequisite: EML4320C, EML4501, ENC3246, EML4140, EML4312, AND STA3032 OR EML4320C, EML4501, ENC3246, EIN3621, AND EIN3304Description: This course is the first part of a two-semester team design project. Teams are responsible for preparing a project proposal including a problem statement and need identification, concept generation and down selection and a project design. Teams are further required to develop and demonstrate a proof of concept or prototype. Project management concepts such as project scheduling, budgets and economic analysis will be emphasized in the course. Additional topics

covered include risk assessment, time value of money, cost benefit analysis, ethics, safety, and intellectual property such as copyrights, trademarks and patents. A final project proposal and oral presentation is required.Course Fees: $40

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4552 - Senior Capstone Design II

General
Course Description
Prerequisite: EML 4551Description: This course is the second part of a two-semester team design project. Teams are responsible for completion of their engineering project that was proposed in the Senior Capstone Design I course. Teams are required to generate a manufacturing scope of work as well as an assessment plan for their project. Assessment of the design performance relative to the original design specifications is required. Teams are required to complete a written design report and a final oral and poster presentation. Course Fees: $100

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4622 - Clean and Renewable Energy Technology

General
Course Description
Prerequisite: EML 3100, EML 3015 and EML 3101
Description: This course covers the application of the principles of thermodynamics, transport phenomena, and engineering economics to the analysis of clean and renewable energy technologies such as fuel cells, solar energy, wind energy, and other direct energy conversion techniques.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4806 - Robotics Engineering

General
Course Description
Prerequisite: EGN 3321
Description: Students will study robot manipulator kinematics, dynamics, and control. Topics are augmented using computer graphics tools and laboratory experiments with robot manipulators.
Course Fees: $40

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EML4905 - Directed Individual Study

General

Course Description
Prerequisites: Approval by sponsoring professor and director of engineering. Description: In this course students will participate in study of topics agreed to by a sponsoring and supervising professor. This course is variable in credit hours and may be repeated once with different content.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

EML4911 - Supervised Undergraduate Research

General

Course Description
Prerequisite: Junior or Senior Standing, admitted into ME program, ME advisor approval.Description: This course is an investigation of topics in Mechanical Engineering through research.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

EML4930 - Special Topics in Mechanical Engineering

General

Course Description
Prerequisite: Consent of instructor or department.
Description: This course provides topics of special interest in Mechanical Engineering, which may vary each time the course is offered. Course content may be engineering science, engineering design, or a combination of both. The special interest topic, when offered, will be stated in the schedule booklet. The course is variable in credit hours and may be repeated once for a maximum of 6 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
11

EML4949 - Mechanical Engineering Internship

General

Course Description
Prerequisite: Departmental Permission and Mechanical Engineering MajorDescription: Students will participate in practical engineering work under industrial supervision. Approval of both the sponsoring employer and department is required prior to enrolling in this course.Repeatability: This course may be repeated for up to 3 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

EML4950C - Formula Race Car

General

Course Description
With the approval of the instructor, students select team partners and choose a Formula SAE race car project from a set supplied by the instructor. Teams are responsible for preparing several oral presentations (technical specifications, project proposal, and a final design project). In addition, teams are required to complete a written design report. Teams are further required to develop and demonstrate a proof of concept or prototype. In addition, a broad introduction to achieving the fastest times for a Formula SAE race car through automotive engineering is covered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

EML5131 - Combustion Phenomena

General

Course Description
Prerequisites:EML 3100 and EML 3101
Description: This course presents the physical and chemical aspects of combustion and associated phenomena. Rate processes, chemical kinetics, chemical structure, and flame propagation and stability of premixed and diffusion-controlled combustible mixtures are covered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EML5808 - Robotics Engineering II

General

Course Description
Prerequisite: EML 4313 or equivalent, EML 4806 or equivalent
Description: This course provides an introduction to control techniques associated with spatial serial and parallel manipulator systems. Velocity and force/torque relations and resolved motion rate control for serial and parallel manipulators are covered. State-space equations of robots, controller design based on linearization, nonlinearity cancellation, optimal control, adaptive control and other methods are studied.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EML5932 - Special Topics in Mechanical Engineering

General

Course Description
Prerequisite: Permission of instructor
Description: This course will cover an in-depth study of a current mechanical engineering topic. The course content will vary each time the course is offered and will focus on state-of-the-art concepts that are not addressed in current course selections.
Repeatability: This course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

EML6311 - Modern Control Engineering

General

Course Description
Prerequisite: EML 4313
Description: This course covers the analysis and design of dynamic mechanical engineering control systems. Model reference control, state-space control system design, stability, transient response, frequency response with implementation considerations are covered. Advanced topics in intelligent control including optimal control, adaptive control, and fuzzy systems, neural networks and their implementation are also included.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EML6508 - Finite Element Modeling and Analysis

General

Course Description
Prerequisite: Mechanical Engineering graduate standing or permission by instructor.
Description: Students will be exposed to the theoretical background and real life applications of finite element modeling and analysis. Topics will include modeling and analysis of mechanical systems, including stiffness matrices, load and boundary conditions, degrees of freedom, and mesh techniques. In-house modeling and analysis software will be used.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EML6900 - Supervised Graduate Research

General

Course Description
Prerequisite: Graduate Status; permission of instructor and department chairperson
Co-requisite: EML 6912
Description: This course is an investigation of topics in Mechanical Engineering at the advanced level.
Repeatability: The course may be repeated for a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

EML6901 - Directed Independent Study

General

Course Description
Students will participate in study of topics agreed to by a sponsoring and supervising professor. This course is variable in credit hours and may be repeated for up to 6 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

EML6910 - Fundamental Graduate Research in Mechanical Engineering

General

Course Description
Description: Students will investigate potential research topic(s), perform literature review on the topic(s), identify a specific topic for a masters thesis, and learn how to develop a research proposal.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EML6912 - Intermediate Graduate Research in Mechanical Engineering

General

Course Description
Prerequisite: EML 6910
Description: Students develop a research objective, a research methodology, and outline expected outcomes. Students are required to submit a written thesis proposal and defend their proposal to the thesis committee.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

EML6933 - Special Topics in Mechanical Engineering

General

Course Description
Prerequisite: Graduate standing and permission of instructor
Description: This course will cover an in-depth study of advanced mechanical engineering topics. The course content will vary each time the course is offered and will focus on state-of-the-art concepts that are not addressed in current course selections.
Repeatability: This course may be repeated for up to 24 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
23

EML6972 - Mechanical Engineering Master's Thesis

General

Course Description
Prerequisite: EML6912 and successful completion of Thesis Proposal.
Description: The student will conduct individual research on a topic relevant to mechanical engineering. The research topic will be chosen by the student in conjunction with their advisor. Student is required to submit a written Master's Thesis and to conduct an oral defense at the conclusion of their final semester of enrollment. Continuous enrollment in EML6972 is required until all thesis requirements are met.
Repeatability: The course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours
Operator:
TO

Number Of Repeats:
5

EMR4222 - Specialized Curriculum for Students Who Are Mentally Handicapped

General

Course Description
Prerequisite: EMR 3011. This course covers specialized curriculum for students who are mentally handicapped. The course content includes identification and application of effective practices and recognition of trends and standards in the field.

Full title:Specialized Curriculum for Students Who Are Mentally Handicapped

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

EMR6256 - Advanced Functional Literacy Strategies:Mental Retardation

General

Course Description
Prerequisite: EEX 3202. This course provides functional literacy strategies for teaching students with mental retardation and other learning challenges which preclude high school graduation with a regular diploma. Attention is given to teaching functional literacy and life skills, developmental programming, implementation and evaluation of individual education plans (IEP's), and data-based management. Field experience is required.
Full Title: Advanced Functional Literacy Strategies:Mental Retardation

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC1101 - (GW) Writing for Audience and Purpose

General

Course Description
Description: This course introduces students to rhetorical concepts and audience-centered approaches to writing including composing processes, language conventions and style, and critical analysis and engagement with written texts and other forms of communication. Gordon Rule English credit

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC1102 - (GW) Evidence-Based Writing

General

Course Description
Prerequisite: ENC 1101
Description: This course will emphasize evidence-based writing to prepare students for upper-level academic writing courses and professional writing considerations. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC1143 - (GW) Writing with Evidence and Style

General

Course Description
Description: This course will introduce students to common textual issues surrounding evidence-based writing, genre conventions, and citation style considerations to prepare them for the different kinds of texts they will encounter in upper-level academic courses as well as professional settings. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
3

ENC2210 - (GW) Technical Writing

General

Course Description
Prerequisite:ENC 1101
This course will introduce students to scientific, technical, and professional writing with a focus on practical information about communicating in different workplace environments and professional/technical discourse communities.
Students will analyze rhetorical situations and issues (of audience, organization, visual design, style, and the material production of documents) common to different scientific, technical, and professional writing genres, including emails, letters, resumes, memos, reports (progress, lab, etc.), proposals, technical descriptions, technical definitions, and technical manuals. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC2240 - (GW)Professional Communication

General

Course Description
Prerequisite: ENC 1101Description: This course will introduce students to rhetorical strategies needed for successful research-based writing in diverse professional situations. This course will also require students to focus on the writing conventions and expectations in a given profession(s), as well as practice in writing in a variety of genres, including, e.g., case studies and white papers. Students will practice addressing a variety of audiences and using research strategies relevant to stated professional communities. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

ENC2443 - (GW) Writing Topics:Literature

General

Course Description
Prerequisite: ENC 1101
This course will introduce students to rhetorical strategies needed for successful research-based writing in diverse academic and non-academic situations within the study of literature. This course will also require students to focus on the writing conventions and expectations in literature, as well as practice in writing in a variety of genres, including the argumentative essay. Students will practice addressing a variety of audiences and using research strategies relevant to literature and related disciplines. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC2451 - (GW) Writing Topics: Health

General

Course Description
Prerequisite: ENC 1101
This course will introduce students to rhetorical strategies needed for successful research-based writing in diverse academic and non-academic situations within health. This course will also require students to focus on the writing conventions and expectations in health, as well as practice in writing in a variety of genres, including the argumentative essay. Students will practice addressing a variety of audiences and using research strategies relevant to health and related professional communities. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC2461 - (GW) Writing Topics: Social Sciences

General

Course Description
Prerequisite:ENC 1101
This course will introduce students to rhetorical strategies needed for successful research-based writing in diverse academic and non-academic situations within the social sciences. This course will also require students to focus on the writing conventions and expectations in the social sciences, as well as practice in writing in a variety of genres, including the argumentative essay. Students will practice addressing a variety of audiences and using research strategies relevant to the social sciences and related professional communities. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC3202 - Professional Communication for Business

General

Course Description
Prerequisite: ENC 1101
Description: This course will introduce students to rhetorical strategies needed for successful research-based writing in diverse academic and non-academic situations within business. This course will also require students to focus on the writing conventions and expectations in business, as well as practice in writing in a variety of genres, including, e.g., case studies and white papers. Students will practice addressing a variety of audiences and using research strategies relevant to business and related professional communities. Gordon Rule English credit.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC3212 - Copyediting

General
Course Description
Description: This course covers basic editing principles, types of editing, and technical terms. The course includes editing texts from a range of sources such as professional documents, scholarly publications, literary and/or creative writing fields, as well as media.
Repeatability: Students may take this course for up to six (6) credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

ENC3246 - Professional Communication for Engineering

General
Course Description
Prerequisites: ENC1101 and EGN1001C
Description: In this course, students develop discipline-specific technical and professional writing skills for the field of engineering. Students will read and write in a variety of genres to understand what writing professionally as an engineer might mean. This course will also prepare students to produce documents for their senior design seminars. This is a Gordon Writing Rule course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC3254 - (GW) Professional Communication for Construction Management

General
Course Description
Prerequisite: ENC 1101Description: In this course, students develop discipline-specific technical and professional writing skills for the field of construction management. Students will learn to read, write, and present documents important to the construction industry. This course will also help students build upon existing industry-based knowledge to produce documents for their internship requirement.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC3310 - (GW) Writing Prose

General

Course Description
Prerequisite: ENC 1101 Description: Writing of various kinds, such as speculation, reports, documented articles or criticism, with emphasis on persuasion as the object. Prospective teachers give attention to the psychology of helping others to write well. Gordon Rule English credit.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC3375 - Introduction to Fandom Studies

General
Course Description
Description: This course introduces students to the rhetorical and writing practices of fandom and other participatory cultures. Students will use traditional formats (essays, response papers, proposals) and emergent writing formats (blogs, social media) to examine how this particular community of consumers and producers use, re-use, and distribute creative and critical works. The course's topic may vary by semester and can include examination of a general concept such as fandom and social media, a particular textual fandom such as Harry Potter or other popular texts, or another specified area determined by faculty expertise.
Repeatability: This course may be repeated for up to six credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

ENC3930 - Special Topics in Composition

General
Course Description
Prerequisite: Junior standing or permission of instructor. Topics of importance in theory and/or practice in composition.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC4260 - Applied Technical Writing

General
Course Description
Description: This course will guide students in producing clear, direct, and effective technical and professional writing. Students will study and create technical genres such as reports, proposals, descriptions, instructions, specifications, resumes, letters, memorandums, and/or other technical communication formats.
Repeatability: Course is repeatable up to six credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

ENC4331 - Writing, Rhetoric, and Community

General

Course Description
Description: In this course we will consider the ways in which citizens, activists, scholars, teachers, and students use writing and rhetoric in public contexts. We will begin the course by exploring theories of the public sphere, publics, and counterpublics, and we will discuss how these theories intersect with the work of rhetoric as students read and write the rhetorics of specific communities. Repeatability: Students may take this course for up to six (6) credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

ENC4403 - Grant Writing

General

Course Description
Description: This course will show students how to develop grant writing skills. Students will study the rhetorical, resource, and writing opportunities in grant proposal writing and learn how to identify and engage with grant-making organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC4415 - Rhetoric in the Digital Humanities

General

Course Description
Description: Rhetoric in the Digital Humanities traces the change from "literacy" to what some scholars have called "electracy." As a result, the course is primarily concerned with the corresponding rhetorical issues involved in this change, such as a greater emphasis on the rhetorical canon of "delivery." Students completing this course will not only be able to understand the philosophical underpinnings of new media technologies, but also to utilize new media technologies in the service of literary and cultural analysis. Repeatability: Course may be repeated for up to six credit hoursAvailability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

ENC4436 - Writing as Social Action

General

Course Description
Description: This course takes as its object of study social media platforms such as Facebook and Twitter for online activism. We will consider the ways in which citizens, activists, scholars, teachers, and students use social media and other digital rhetorics to address injustices, collaborate with community groups, and advocate for social change.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC4930 - Advanced Topics in Composition

General

Course Description
Prerequisite: Senior standing or permission of instructor. Topics of importance in theory and/or practice in composition. May be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

ENC4940 - Writing Internship

General

Course Description
Description: This course will offer students the opportunity to apply for work positions that offer them experience in skills directly related to the department's course offerings in writing, editing, or digital media.Repeatability: The course may be taken for up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
11

ENC5226 - Technical Writing

General

Course Description
Description: This course is one of the courses in the Rhetoric and Composition concentration within the M.A. in English. This course is a graduate course that prepares students for the types of writing found in professional and research settings. Rather than mere information transfer, technical writing translates and mediates highly complex details, often for far less expert audiences.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENC5235 - Grant Writing

General

Course Description
Description: This course offers students training in writing grants for nonprofit organizations, research, and community-based projects. Students will identify the research and communication skills necessary to write a successful grant. Students will compose and submit grants for funding after researching organizational needs, interviewing grant writers, and targeting their intended audience.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC5720 - Problems in Contemporary Composition

General
Course Description
Description: This course is one of the courses in the Composition and Rhetoric concentration within the M.A. in English. This course will introduce students to the major theories of contemporary composition, the major theories of sentence and paragraph construction, and the design of writing assignments and assessments of those assignments.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC5935 - Special Topics in Composition and Rhetoric

General
Course Description
Description: This course will present selected topics in Composition and Rhetoric. Subjects will vary according to the instructor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC6700 - Studies in Composition Theory

General
Course Description
Description: This course is one of the courses in the Composition and Rhetoric concentration within the M.A. in English. In this class we will explore some of the most influential theories of rhetoric by reading primary and secondary texts and apply them to contemporary problems in the teaching of composition.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC6702 - Studies in Composition Pedagogy

General
Course Description
Studies in Composition Pedagogy serves as an ENC course that can fulfill completion of the Concentration in Composition and Rhetoric. The course will introduce students to critical conversations about issues in the field of composition

pedagogy, addressing such practices as assignment and syllabus design and assessment in the introductory composition class at the high school and college level.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC6721 - Studies in Composition Research

General
Course Description
Description: This course is one of the courses in the Composition and Rhetoric concentration within the M.A. in English. Students will be introduced to a variety of empirical research methods commonly used in writing research and will have the opportunity to practice designing empirical studies in composition. The goal of this course is for students to become familiar with the methods, discourse conventions, and issues surrounding empirical research in composition.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENC6905 - Rhetoric and Composition Independent Study

General
Course Description
This course investigates topics in composition and rhetoric at the advanced level.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

ENC6942 - Teaching Practicum in the Writing Classroom

General
Course Description
Prerequisite: Students must complete two graduate courses in composition (prefix ENC 5XXX or ENC 6XXX) prior to taking this course.
Description: This course offers English graduate students one semester of supervised teaching in an introductory college writing class. Student practitioners will have the opportunity to deploy composition and rhetorical theory in the planning and evaluating of writing assignments. As apprentices, student practitioners will learn as well various styles and skills of classroom teaching and management.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

ENG3613 - Disability Culture and Representation

General

Course Description
The course will focus on the nature, meaning, and consequences of what it is to be defined as disabled and explore the historical and cultural dynamics of disability. It will primarily address the stereotypes associated with and the experiential aspects of disability as these are deployed in literature, film, television, the arts, and other cultural media. It will address disability rights, legal issues, and public policy as secondary issues. Course may be repeated for a total of 6 credits with different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

ENG3816 - Digital Methods in Literary Studies

General

Course Description
Description: This course will consider the transformation of literary reading and research in the digital age. The course will primarily focus on theories and debates within the digital humanities, and will secondarily train students to apply basic tools and techniques, such as computer-assisted textual analysis, text encoding, or web-based archive construction.
Repeatability: Course may be repeated for up to six credit hours.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

ENG4004 - Research Methods in English

General

Course Description
Description: This course will introduce students to a variety of empirical methods commonly used in English research and will examine studies employing these methods. The goal of this course is for students to become familiar with the methods, discourse conventions, and issues surrounding empirical research in English.Repeatability: This course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

ENG4013 - Approaches to Literary Interpretation

General

Course Description
Applied criticism of principal modern approaches, including psychological, formalist, and mythic. Students read theory and model criticism, practicing interpretation with various genres.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

ENG4930 - Independent Study in Literary and Cultural Theory

General
Course Description
Prerequisite: Senior standing and permission of instructor. Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

ENG5945 - Graduate Internship

General
Course Description
Description: This course will offer students in the M.A. program in English to apply for external work positions that offer them experience in skills directly related to the program's course offerings in writing, editing, or digital media.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

ENG6019 - Contemporary Literary Criticism and Theory

General
Course Description
This course is a study of various contemporary schools of and theoretical approaches to literary criticism - for example, formalist, psychological, mythic, anthropological, new historicist, feminist, structuralist, post-structuralist, deconstructionist, and others - with an emphasis on method as well as theory. May be repeated for a maximum of 12 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

ENL2012 - British Literature I

General
Course Description
Description: This course surveys major British literature from the Medieval period until 1800.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENL2022 - British Literature II

General
Course Description
Description: This course surveys major British literature from 1800 to the present.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENL3132 - History of the Later British Novel

General
Course Description
Description: This course will focus on the British novel from 1800 to the present. Topics, themes, and genres will vary. Areas of exploration include the following: (1) the cultural forces leading to the rise of Victorian social realism; (2) novelistic representations of the British Empire as it expanded through the 19th century and contracted in the 20th; (3) the cultural forces leading to the rise of modernist realism and its new representations of selfhood; (4) the expansion of print culture and new media and their impact on the novel; (5) developments in narrative technique and structure.
Repeatability: This course may be taken more than once for up to 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

ENL3333 - Shakespeare

General
Course Description
This course studies selected aspects of the dramatic works from the early comedies to the late romances. Consideration of non-dramatic poetry may also be included.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENL4210 - Studies in Medieval Literature

General
Course Description
Description: Medieval culture as expressed through literary works by such authors as Chaucer, Dante, Langland, Gottfried von Strassburg and Petrarch. Literature interpreted in relation to social and artistic developments of the time.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENL4220 - Studies in Renaissance Literature

General

Course Description
Written works from 1500-1660 by such authors as Spenser, Sidney, Shakespeare, Jonson, Donne, Marvell and Milton.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENL4230 - Literatures of the Atlantic

General

Course Description
Prerequisites: ENC1101 and ENC1102Description: This course explores the literary and cultural imaginations of the Atlantic world during 1660-1800, focusing on Britain and its colonies in Ireland, the Caribbean, and west Africa. It considers the period's literatures in the contexts of the Enlightenment and slave trade as well as those of religion, science, sensibility, empire, emerging capitalism, African diaspora, Atlantic Creole culture, and New World settlement. The course pays particular attention to the ways writers, poets, and playwrights adapted literary forms, theories, and sources to their varied aesthetic and political objectives.Repeatability: This course may be taken for up to 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

ENL4240 - Studies in British Romantic Literature

General

Course Description
Representative works by such writers as Blake, Southey, Wordsworth, Coleridge, Byron, Shelley, Keats, Lamb, Hazlitt, De Quincey and Scott.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENL4251 - Studies in Victorian Literature

General

Course Description
Literature and culture of the pre-modern period. May be organized as a major-authors course one time, as a theme-based course the next. Such authors as Carlyle, Mill, Ruskin, Arnold, Tennyson, Browning, Rossetti, Swinburne and Wilde.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENL5290 - Slavery and the Enlightenment

General
Course Description
Scholars traditionally have associated it with the rise of notions of liberty and human rights, and yet the voices initially articulating these ideas also explicitly denied that certain groups of people should have access to these same rights and liberties. This course will explore this aspect of the Enlightenment, examining its literature as well as the lived experience of enslaved peoples of the African diaspora as they document it in their life writing. Readings will primarily concern the plantation economy of the British pan-Atlantic, focusing on not only the Caribbean, but also Britain itself. This class will explore the literature and history of British slavery, not American slavery.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENL6502 - Studies in Early British Literature

General
Course Description
Description: This course will cover selected themes and topics in British Literature before 1800.
Repeatability: This course may be repeated up to 15 credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

ENL6509 - Studies in Later British Literature

General
Course Description
Description: This course will cover selected themes and topics in British Literature after 1800.
Repeatability: This course may be repeated up to 15 credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

ENT3173 - Franchising

General
Course Description
This course is an overview that focuses on franchising as a form of entrepreneurship in the U.S. and international economies. Franchising has developed into a powerful force in business, representing one third of retail domestic product in the U.S. and a multi-trillion dollar market worldwide (Babson, 2019). The class includes a variety of topics including: the history of franchising; success factors for franchisors and franchisees; advantages and disadvantages of

franchising for both franchisors and franchisees; the process of franchising a business idea; the process of selecting and working with a franchisor; and legal issues and concerns in franchising.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENT3204 - New Venture Growth

General
Course Description
This course will expose students to the varying strategies that growing businesses have available to them along with the operational realities of undertaking such strategies. By the end of this course, students should be able to identify and solve key challenges faced by growing firms. Students will rigorously analyze and evaluate both qualitative and quantitative data across multiple business disciplines and integrate multiple stakeholder needs into creative, compelling and implementable business decisions. Case studies will be used to supplement the course text.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENT3503 - Social Entrepreneurship

General
Course Description
The purpose of this course is to provide students with an introduction to the major opportunities and challenges facing social entrepreneurs and their ventures. Social entrepreneurship's rapid emergence over the past decade has coincided with the rise of information technology. Students will examine how they can make a positive, lasting contribution to society. Students will discuss major local and global social issues, analyze current efforts to address these problems, and think critically and creatively to generate new ideas.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENT4183 - Technology Entrepreneurship

General
Course Description
This course focuses on building a new firm around technology innovation. This can mean different choices and challenges for entrepreneurs. This course will take students through the questions entrepreneurs should address as they go from a technology innovation idea to founding and funding a tech startup. The course will appeal to individuals who have a desire to become technology entrepreneurs.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENT6248 - Corporate Entrepreneurship

General

Course Description
The course examines how to promote the development, diffusion, and integration of innovation and change programs and portfolios in established organizations.The course covers core concepts and theories of corporate entrepreneurship in the context of established organizations (which may include publicly listed organizations, family businesses, and other (e.g., not-for-profit) organizations). Thereby, it aims to provide insights into how to drive entrepreneurial initiative taking, support diversification, balance incremental and more radical (exploratory) innovation in different organizations.This course shall also provide insights into the organizational changes has to make to ensure innovation and change initiatives are realized and lasting, for integrating and scaling up innovation or new lines of business.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENV3001C - Environmental Engineering

General

Course Description
Prerequisite: CHM 2045 and CHM 2045L
Co-requisite: CWR 3201
Description: This course covers the fundamentals of environmental engineering, including the physical, chemical and biological processes used in pollution control with an emphasis on water and wastewater treatment. A limited laboratory component provides an overview of the experimental methods and processes used in environmental engineering.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

ENV4012 - Advanced Environmental Engineering

General

Course Description
Prerequisites: ENV 3001C and CWR 4202C. This course provides in-depth coverage of the physical, chemical, and biological processes used for pollution control. Specific topics included in this course are as follows: unit analysis of physical, chemical, and biological processes, environmental hydraulics, water quality modeling, and water and waste treatment theory, analysis, and design.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ENV6510 - Aquatic Chemical Processes

General

Course Description
Prerequisite: ENV 3001C
Description: This course covers the applicability of water chemistry and physical chemistry on natural waters and waste-water with emphasis on environmental engineering problems.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENV6511 - Biological Treatment Systems in Environmental Engineering

General
Course Description
Prerequisite: ENV 4012
Description: This course covers the theory and design of biological operations and processes in environmental engineering using the latest technologies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENV6519 - Physical/Chemical Treatment Systems in Environmental Engineering

General
Course Description
Prerequisite: ENV 3001C
Description: This course covers the theory and design of physical and chemical operations and processes in environmental engineering using latest technologies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ENV6640 - Design of Water Quality Management Facilities

General
Course Description
Prerequisites: CWR 3201, ENV 3001C
Description: This course covers the analysis of operations, processes, and systems used in the design of facilities for maintaining water supply quality, wastewater control, and aquatic pollution control. The design of wastewater collection systems, water and wastewater treatment plants, and systems for disposal for residuals from such faculties is included in this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ESC2000 - Discovering Earth Science

General
Course Description
Using the scientific method, critical thinking skills, data analysis, this course will examine the fundamental processes of the earth system, composed of an atmosphere, hydrosphere, lithosphere, biosphere, and exosphere, through time. The course will also explore interactions between these spheres, including critical analysis of scientific theories and emphasize earth's connections with humans.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ESC2000L - Discovering Earth Science Lab

General
Course Description
Description: This course provides students with the hands-on experience required to achieve a greater understanding of the major topics in the Earth Sciences. These include the study of rocks and minerals, plate tectonics, earthquakes, volcanoes, geologic time, paleontology, oceanography, and meteorology. All of these topics will be addressed, some to a greater degree than others, in an effort (1) to stimulate the student's appreciation of their natural surroundings and (2) to help develop critical thinking skills through familiarization with the scientific method.
Course Fees: $25

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ESE2210 - Introduction to Computer Science for Teachers

General
Course Description
Description: This course will introduce secondary school teachers to computer science. The course will cover fundamental programming topics, pedagogical methods, and content relevant to both the College Board AP Computer Science Principles course and the Florida Department of Education Teachers' Certification Exam for Computer Science.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ESE2211 - Teaching Computer Science in Secondary Schools

General
Course Description
Prerequisite: ESE 2210
Description: This course is a second course in computer science teaching for secondary school teachers. The course will cover additional programming topics, pedagogical methods, and content relevant to both the College Board AP Computer Science course and the Florida Department of Education Teachers' Certification Exam for Computer Science.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ESE4943 - Student Internship

General

Course Description
Prerequisite: Completion of requirements prescribed in Internship handbook. Description: Designed as a culminating experience in the student's major field which allows the student an opportunity to practice skills under careful observation and in cooperation with a master teacher. Internship is allowable only in major area of concentration.Course Fees: $36

Credit Hours

Credit Hours:
9

Contact Hours

Contact Hours Min:
9

Billing Hours (Students)

● **- Billing Hours**
Min:
9

Other Hours

Other Hours Min:
9

Number Of Repeats:
0

ESE6215 - The Secondary School Curriculum

General

Course Description
In-depth reading and discussion of the curriculum organization and operation of the secondary school (grades 6-12).

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ESE6947 - Professional Internship

General

Course Description
Description: (Competencies in management, assessment, and instructional strategies are necessary for completion of this culminating experience.) Designed as a culminating experience, this internship allows the student the opportunity to teach under the supervision of a master teacher and university faculty. Instructor permission required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

ESI4221C - Quality Assurance and Quality Control

General

Course Description
Prerequisites: STA3032 and EMA4502
Description: This course introduces the concepts of quality assurance and quality control in manufacturing processes with observable output variation. The course topics include an introduction to design of experiment (DOE), a survey of factors affecting variation in product quality, the use of control charts to evaluate and control manufacturing processes, and a survey of techniques for acceptance and reliability testing. Physical exercises and simulation are used to illustrate the monitoring and control of manufacturing processes through the identification and measurement of output variation, analysis of failure distributions, and implementation of engineering controls.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ETG3949 - Experimental Study/Technology

General
Course Description
Prerequisite: Acceptance in Cooperative Education Program. Students will participate in supervised work experiences related to their areas of interest. Students may receive repeat credit for this course.

Credit Hours
Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours Min:**
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

ETS4543C - Applied Programmable Logic Controllers

General
Course Description
Prerequisite: EEL3111
Description: This course introduces students to the hardware and programming utilized to control processes in modern manufacturing settings. The course begins with a survey of the operating principles of hardware including programmable logic controllers (PLCS), sensors, motion control, temperature control, pressure control, and others. The course introduces the fundamentals and application of two-position and PID control. The course then transitions to hands-on laboratories utilizing modern PLC hardware and software to perform specific tasks pertinent to manufacturing processes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

EUH3013 - Greek and Roman Myth

General
Course Description
This course will provide an introduction to the Classical myths by reading works translated from the Greek and Latin originals. The class will compare the myths with myth traditions in other cultures; explore the myths in relation to the religion, art, history and philosophy of ancient Greece and Rome; and, by using the insights of comparative anthropology and psychoanalysis, attempt to illuminate the underlying structure and significance of the ancient myths.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3120 - Medieval Europe

General

Course Description
Traces development in government and society from the collapse of the Roman Empire in the West through the revolutionary High Middle Ages to the violence of the 14th century.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH3124 - The Crusades

General

Course Description
The course examines the deep roots of the crusading movement in Western Christian society, the ways in which the crusades brought three world cultures (the West, Byzantium, Islam) into contact and confrontation, the type of cultural interaction that took place, and the continued vitality of the crusading idea in the expansion of Western Europe.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH3142 - Renaissance-Reformation

General

Course Description
From 1300 to 1600, European society experienced profound changes in its political, religious, social and economic way of life, changes rooted in new views of the world.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH3206 - 20th Century Europe

General

Course Description
An examination of Europe from the Russian Revolution to the present, analyzing the development of contemporary European politics, society and thought.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH3241 - The Holocaust

General

Course Description
This course examines the major causes, issues phases, and legacies of the Holocaust - Nazi Germany's organized and systematic destruction of European Jewry and various other non-Jewish groups from 1933 to 1945. Topics include debates among historians about the planners and perpetuators, collaborators and accomplices, victims, bystanders, rescuers, victims and survivors, and those who continue to bear witness.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3403 - (FC) Ancient Greece

General
Course Description
This course provides a comprehensive examination of the culture of ancient Greece from Mycenaen times to the death of Alexander the Great. An historical approach will be supplemented by analysis of Greek literature, art, and thought.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3411 - (FC) Ancient Rome

General
Course Description
This course examines the culture of ancient Rome from the days of the early kings to the collapse of the Roman empire. An historical approach will be supplemented by analysis of Roman literature, art, and thought.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3451 - France Since 1789

General
Course Description
Examines political, social, economic, and cultural aspects of French history since the Revolution.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3462 - Modern Germany

General

Course Description
A history of modern Germany from 1815 to the present, concentrating on the period from unification under Bismarck to present-day Germany. Offered in alternate years.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3465 - Nazi Germany: Power, Society, and War in Hitler's Reich

General
Course Description
This course traces the history of Nazi Germany from the rise of Hitler in the 1920s, to the end of the Third Reich in 1945. We also consider major themes such as European anti-Semitism, the personality of Hitler, every day life in the Third Reich, resistance, war, and the Holocaust.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3466 - (FC) Germany Today

General
Course Description
An examination of social, political, and cultural trends in Germany since World War II. Emphasis is on German democracy, the economic rebuilding, the burden of the Nazi past, national identity, the role of intellectuals, and Germany's relationship to Europe and America. Special attention is given to developments since the 1990 unification.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3511 - Tudor-Stuart England, 1485-1714

General
Course Description
The era of the Tudors and Stuarts, including such momentous events as the establishment of the Anglican Church, overseas colonization, the Puritan rebellion and the Glorious Revolution.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH3932 - Selected Topics: European History

General

Course Description
This course will present selected topics in European history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

EUH4103 - From Homer to Herodotus: Greece in the Archaic Age

General
Course Description
Prerequisite: HIS 3051 Craft of the Historian or permission of instructor.
The archaic Age of Greece (8th to 5th centuries BCE) began with the epic poetry of Homer and ended with the first work of Greek history, by Herodotus. This course will explore the forces that shaped Greek society: the formation of the polis, the introduction of the alphabet, the spread of Greek settlements along the shores of the Mediterranean and Black Seas, the development of Greek art, architecture, poetry and philosophy, and the rise of democracy in Athens. It will investigate the intellectual climate that gave birth to the discipline of history in Greece as a way of understanding the past and the present.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH4171 - Seminar: Medieval Heresy

General
Course Description
Prerequisite: HIS3051 with a C or better.
Description: This seminar introduces students to marginalized and heretical groups in the medieval West. Topics will include: tolerance and persecution of non-Christians in Western Christendom, the “discovery” and classification of heresy, and responses to deviance and non-conformity. Special attention will be paid to recent historiographical trends, supplemented by primary source readings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH4172 - Seminar: Medieval Apocalypticism

General
Course Description
Prerequisite: HIS3051 with a C or better.
Description: This seminar will examine the development and significance of apocalyptic ideas and movements in the Western medieval tradition.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH4404 - The Peloponnesian War

General

Course Description
Prerequisite: HIS 3051 or permission of instructor. This seminar will examine the causes, strategies, events, and personalities of one of the greatest conflicts of the ancient world. Students will study Thucydides' history and other ancient Greek sources (in translation) to come to an understanding of the war and the methodology of the ancient historian.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH4408 - Alexander the Great

General

Course Description
Prerequisites: HIS 3051 or permission of instructor
Alexander III, king of Macedon (336-323 BCE), led an army of Macedonians and Greeks on a campaign to conquer the Persian Empire. By the time he died of disease and exhaustion, he had brought much of the known world under his control. This course will trace the life of Alexander, starting with the career of his father Philip, a powerful king and conqueror of the Greek city-states. We will study the impact of Alexander's conquests on the world and examine the ancient sources that preserve the record of his achievements. We will attempt to understand the man himself and to place him against the background of the social and political forces which transformed the ancient world.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH4932 - Seminar: Ancient/Medieval History

General

Course Description
Prerequisite: HIS 3051 or permission of instructor. This course is a seminar in ancient or medieval European history. The topic will vary with the instructor. The course may be repeated up to 5 times for a total of 15 credit hours under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
4

EUH5125 - The Crusades

General

Course Description
The crusades to the Holy Land lasted from 1095 until 1291, but the crusading movement came to encompass a much wider array of military expeditions - against Jews, Spanish Muslims, European heretics, Baltic pagans, and eventually Native Americans. We will study the deep roots of the crusading movement in Western Christian Society, the ways in which the crusades brought three world cultures (The West, Byzantium, Islam) into contact and confrontation, the type of cultural interactions that took place, and the continued vitality of the crusading idea in the expansion of Western Europe.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH5176 - Medieval Heresy

General

Course Description
Prerequisite: Enrolled in the history graduate program or special permission from the instructor.
Description: This course introduces students to marginalized and heretical groups in the medieval West. Topics will include: tolerance and persecution of non-Christians in Western Christendom, the “discovery” and classification of heresy, and responses to deviance and non-conformity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH5179 - Medieval Apocalypticism

General

Course Description
Prerequisite: Enrolled in the History graduate program or special permission of the instructor.
Description: This course will explore the development and significance of apocalyptic ideas in the Western medieval tradition.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EUH5934 - Selected Topics: European History

General

Course Description
This course will present selected topics in European history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
4

EUH6905 - Readings in European History I

General

Course Description
This course is designed to introduce students to major thematic issues in the history of Europe up to 1648. The course is organized chronologically, and serves to extend the students' grasp of factual material as well as to highlight key historiographical issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH6906 - Readings in European History II

General
Course Description
This course is designed to introduce students to major thematic issues in the history of Europe after 1648. The course is organized chronologically, and serves to extend the students' grasp of factual material as well as to highlight key historiographical issues.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EUH6936 - Seminar in European History

General
Course Description
Graduate research seminar in European history. Topics, eras, or themes will vary. May be repeated up to 15 credits under different topics with permission of the graduate advisor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

EVR3008 - Environmental Foundations

General
Course Description
Prerequisite: Completion of 30 credit hours.Description: This course provides an overview of environmental science including topics such as sustainability, environmental communication and education, geospatial data, environmental field work and research, environmental policy, government and regulation, and environmental management and leadership. Students will be introduced to a wide range of career options. Field trips and/or community and field experiences in northeast Florida may also be incorporated.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EVR3083 - Environmental Professional Preparation

General
Course Description
Prerequisite: Completion of 30 credit hours.Description: This course provides an overview of the career opportunities in environmental science. Professional skill development and networking will be emphasized. Field trips and/or community and field experiences in northeast Florida may also be incorporated.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EVR3356 - Coastal Resilience and the Social and Behavioral Environment

General
Course Description
This course will focus on the social and behavioral issues and solutions for the resilience of coastal communities. Topics may include marine debris social and behavioral implications and solutions, water and natural resource consumption and conservation, environmental disasters, and social and behavioral environmental solutions such as legislation, behavior change, education, communication, and advocacy. Field trips and/or community and field experiences in northeast Florida may also be incorporated.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

EVR3905 - Environmental Independent Study

General
Course Description
Environmental-focused independent study and/or projects under the supervision of a faculty member. Course objectives will be agreed upon with student and instructor.May be repeated for a maximum of 9 hours. Permission required.

Credit Hours
Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
8

EVR3910 - Environmental Directed Independent Research

General
Course Description
Environmental-focused research under the supervision of a faculty member. Course objectives will be agreed upon with student and instructor. May be repeated for a maximum of 9 hours. Permission required.

Credit Hours
Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
8

EVR4931 - Environmental Special Topics

General

Course Description
Topics of importance in environmental science and studies. Course objectives will vary by topic. May be repeated for a maximum of 9 hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

EVR4940 - Environmental Internship

General

Course Description
Prerequisites: EVR 3008 and EVR 3083Description: This course is a mentored internship in an environmental science setting. The practical experience is meant to be a culminating opportunity for students to practice environmental science competencies under the guidance of an experienced professional. Students may only take up to three elective courses with internship. Each credit hour of internship will equal 50 hours of internship activity throughout the semester (four hours per week over 12 weeks). Only offered in Fall and Spring semesters. Repeatability: This course may be repeated for up to six credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
2

EVR4957 - Environmental Study Abroad

General

Course Description
This course provides students with the opportunity to travel to a different region to experience different environments. Environmental-related science, history, and culture will be explored. Topics and regions will vary based on the corresponding study abroad experience. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work. Course objectives will vary by experience. May be repeated for a maximum of 9 hours. Permission required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
2

EVS3041 - Coastal Resilience and the Natural Environment

General

Course Description
This course will focus on coastal and environmental resilience in the context of living organisms in the natural environment – especially in environments near UNF in northeast Florida. Topics may include typical marine and estuarine ecosystems,

biodiversity, anthropogenic effects, waterborne and water-related disease and toxins, and other natural hazards. Field trips and/or community and field experiences in northeast Florida may also be incorporated.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EVS3800 - Coastal Resilience and the Built Environment

General

Course Description
This course will focus on coastal and environmental resilience in the context of the built environment. Topics may include permitting process near wetlands and other protected bodies of water, sustainable solutions in design/construction, public health and livable cities and communities, methods to minimize anthropogenic effects, and environmental hazards. Field trips and/or community and field experiences in northeast Florida may also be incorporated.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EXP3104 - Human Sensory Perception

General

Course Description
Prerequisite: PSY 2012
Description: This course surveys sensory systems and perceptual processes, primarily in humans. Content includes anatomical structures, behavioral observations, and theoretical models. The interaction of biological systems and cognitive processes is emphasized. One system (e.g., vision) may be studied in considerable detail as a model of perception and perception research, with selected examples from other sensory systems to examine modality-specific mechanisms and underlying principles of all perceptual systems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EXP3412 - Learning Theory

General

Course Description
Prerequisite: PSY 2012
Description: This course introduces students to variables affecting behavioral change in both man and animals. Emphasis is placed on an integration of these variables through the presentation of several theoretical perspectives on learning.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

EXP3461C - Human Learning and Performance

General

Course Description
Prerequisite: EXP 3412, PSY 3213, and PSY 3213LDescription: This course provides hands-on experience in conducting experiments in human learning and performance. The theoretical focus is on basic mechanisms of human learning from infancy to adulthood, with special emphasis on motor performance. The practical focus is on design of experiments, analysis of data, presentation of graphs, and on public as well as written presentation of research results. Topics for research projects may include computerized experiments on motor skills in aiming at targets, interception of moving targets, and visual guidance of motor skills.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

EXP3604 - Cognitive Psychology

General

Course Description
Prerequisite: PSY 2012
Description: This course surveys topics in cognitive psychology, including attention, perception, memory, reasoning, problem solving, language, and cognitive development. Through lectures, readings, and classroom demonstrations, students will learn about empirical findings and theoretical issues pertaining to the scientific study of human information processing and cognition.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

EXP3680C - Experimental Cognitive Psychology

General

Course Description
Prerequisite: EXP 3604, PSY 3213, and PSY 3213LDescription: This is a laboratory course in which students design, run, and report scientific research examining various cognitive processes involved in how people think. Topics for research projects may include memory, language, attention, reasoning, problem solving, and other mental processes used in human information processing and cognition.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

EXP3703C - Computer Applications in Psychological Research

General

Course Description
Prerequisite: PSY 3213 and PSY 3213LDescription: This course provides hands-on experience with using computers in psychological research. The focus is on computer applications in literature searches, in conducting actual and simulated experiments, and in statistical data analysis.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

EXP4252C - Human Factors and Ergonomics

General
Course Description
Prerequisite: EXP 3604, PSY 3213, and PSY 3213LDescription: This course will review principles of human factors/ergonomics design with an emphasis on ergonomic methods and evaluation techniques on modern product. The course covers user-friendly design, human information processing, display and control design, fundamentals of biomechanics and anthropometrics, musculoskeletal injuries (including cumulative trauma disorders such as carpal tunnel syndrome), and workload assessment.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

EXP6506 - Learning and Cognition

General
Course Description
Prerequisite: Admission to the Master of Science in Psychological Science program or permission of instructor.Description: The course is designed to acquaint students with current theoretical and empirical work in the area of human learning, cognition, and information processing. Topics include long-and short-term memory, semantics, natural language processing, and artificial intelligence.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FAS4354 - Coastal Fisheries Management

General
Course Description
Prerequisite: BSC 2012C
Description: This course is designed to introduce students to quantitative fish population dynamics and the management of coastal living resources. The primary focus will be on the physical, biological, and human factors that regulate coastal fish populations, methods for estimating life history parameters, development of quantitative models to assess fishery stocks, and understanding the implications of management decisions on fishery stakeholders.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FAS5355 - Advanced Coastal Fisheries Management

General
Course Description
Prerequisite: BSC 2012C
Description: This course is designed to offer students an in-depth study of fish population dynamics and the management of coastal living resources. Primary focus will be on the physical, biological and human factors that regulate coastal fish populations, methods for estimating life history parameters, development of quantitative models to assess fishery stocks, and understanding the implications of

management decisions on fishery stakeholders. Students will be required to complete a mini stock assessment using real data sets available from the literature or regional coastal management agencies (e.g., Florida Fish & Wildlife Commission, South Atlantic Fisheries Management Council).

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FAS6355L - Advanced Coastal Fisheries Management Laboratory

General
Course Description
Co-requisite: FAS 5355
Description: This laboratory course is designed to offer students hands-on experience modeling fish population dynamics. The primary focus will be on the estimation of life history parameters and the development of rigorous quantitative models to assess fish populations using real data from regionally, federally, and internationally managed fish stocks. Students will apply the knowledge and skills learned during the semester to conduct an independent project with results presented in both written and oral reports.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

FIL2000 - Film Appreciation

General
Course Description
This course introduces students to film interpretation and analysis by teaching cinematic vocabulary and technique as they have emerged and developed through the history of international cinema.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIL3006 - Analyzing Films

General
Course Description
This course introduces students to key terms and concepts for analyzing film critically. Students will learn how to inventory the elements of a film, analyze scenes, explain the relation between cinematic forms and meaning, and write analytic film essays. This course provides a foundation for more specialized courses in the film studies minor. It will also benefit anyone who wants to better understand how movies affect us and who wants to learn how to write critical film analyses.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIL3363 - Documentary Production

General

Course Description
Description: Students work in teams to produce a digitally-filmed/recorded documentary. Studying documentary styles informs students in the decisions they will make in the planning, scripting, shooting, recording, editing, and exhibition of their (often community-based) documentary. Documentary is understood through its cinematic, artistic, and political contexts (as distinct from television and news broadcast).
Repeatability: This course may be repeated for up to 6 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

FIL3801 - Film Terms

General

Course Description
Description: This course teaches cinematic literacy through an understanding of the terms and techniques used to analyze and to create film, from cinematography to sound to editing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIL3826 - Movements in American Film

General

Course Description
Description: This course will survey the history of American Film from the silent films of D.W. Griffith and Charlie Chaplin, to Classical Hollywood and Film Noir, to the Hollywood Renaissance of the 1970s and contemporary American cinema. The course will examine the emergence of genre films, including the musical, western, melodrama, comedy, and science fiction. Throughout, special attention will be given to the cultural and historical contexts within which film is formed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIL3831 - Black Cinema

General

Course Description
Description: This course explores Black film histories and their influences in an attempt to define the themes, conventions, aesthetics, politics, and cultural uses of Black Cinema.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
1

FIL3832 - Horror Films

General

Course Description
Description: This course explores the horror film broadly and through its subgenres. It analyzes the formal conventions of horror films within their historical and social contexts and uses philosophy and film theory for analysis.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
1

FIL3833 - Film Genre

General

Course Description
Description: This course focuses on identifying and analyzing film through genre.Repeatability: This course may be repeated for up to 9 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

FIL3930 - Topics in Film

General

Course Description
Description: This course offers varied topics in film organized by movements, styles, filmmakers, genres, historical periods, or themes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

FIL4073 - American Film in Context: 1970s

General

Course Description
Description: This course focuses on American Cinema of the late 60s and 70s within its historical, cultural, political, and cinematic contexts. The Hollywood Renaissance, Blaxploitation, and Vietnam War cinema will all be addressed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

FIL4075 - American Film in Context: 1950s--1960s

General
Course Description
Description: This course outlines the Hollywood "transitional" years by analyzing its rich generic output—late noir, Cold War science fiction, conceptual western, melodrama, realism, spectacle, and exploitation—within its rich historical and cultural context—Cold War paranoia, Korean and Vietnam Wars, television, drive-ins, teenagers, motorcycle gangs, the Civil Rights Movement, the Sexual Revolution, conspicuous consumption, and poverty.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIL4078 - American Film in Context: 1980s

General
Course Description
Description: This course focuses on American Cinema of the 1980s within its historical, cultural, political, and cinematic contexts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

FIL4300 - Documentary Studies

General
Course Description
Description: This course focuses on documentary film by style, movement, region, topic, and/or theme. Documentary in varying media may be studied.
Repeatability: This course may be repeated for up to 6 credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

FIL4361 - Audio Documentary and Podcasting

General
Course Description
Description: In this course, students capture documentary material through audio—interviews, soundscapes, sound effects, environmental immersion, scripted voice-over, archive, diaries, and music—in order to craft complex, creative podcasts. They learn recording technique and equipment; research skills; narrative and scripted organization; documentary experimentation; interview styles and techniques; and audio editing.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
1

FIL4379 - Advanced Documentary Production

General

Course Description
Description: Advanced students work in teams to produce a digitally-filmed/ recorded documentary. Studying documentary styles informs students in the decisions they will make in the planning, scripting, shooting, recording, editing, and exhibition of their (often community-based) documentary. Documentary is understood through its cinematic, artistic, and political contexts (as distinct from television and news broadcast). Repeatability: This course may be repeated for up to 12 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

FIL4822 - French Cinema

General

Course Description
Description: This course examines narrative and thematic structure in recent French cinema. This course will also examine several main genres and/or approaches in French cinema, including the heritage genre, La Nouvelle Vague, the "cinema du look", feminist cinema, and colonial/postcolonial themes. The critical readings for each film and the essay assignments will encourage students to develop their own critical and analytical skills in writing about film.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

FIL4828 - Movements in International Film

General

Course Description
Prerequisite: Sophomore, junior, or senior standing.
Description: This course will survey International Film through historically significant national movements to contemporary movements. Attention will be paid to the development of cinema as a whole and to specific historical contexts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIL4839 - Film Noir

General

Course Description
Description: This course examines film noir and neo-noir by identifying generic conventions and their transformation through time. It situates film noir in cinematic history and it examines the social and cultural themes of noir by recognizing the historical context of pre- and post-World War II America.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIL4843 - Asian Cinema

General

Course Description
Description: This course focuses on the appreciation and analysis of a regional component of Asian cinema with attention to style, genre, director, national tradition, and/or cultural and historical context.
Repeatability: This course may be repeated for up to 9 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

FIL4848 - World Cinema and the Cross-Cultural Encounter

General

Course Description
Description: Based on a set of films that focus on the situation of the cross-cultural encounter--including tourism, immigration, and transnational romance—this course will provide students with the analytical tools to address three central questions: What does it mean to be “abroad”? What are the pleasures, privileges, and perils of being “lost in translation”? And how does the cinema both reflect and participate in globalization? The principle analytical tools will be drawn from the diverse interdisciplinary fields of cinema and media studies, cultural studies, postcolonial studies, and cultural anthropology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIL4882 - Cinema and Culture

General

Course Description
Description: This course examines films as cultural texts. Topics may include representations of gender and sexuality, race and ethnicity, ideology, nationality, and cross-cultural exchange. This course is open to students in any discipline who are interested in understanding the influence of the historical and cultural context of film. The title is variable because the course's content will change from instructor to instructor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

FIL4900 - Directed Independent Study in Film

General

Course Description
This course provides students with the opportunity to undertake an advanced, independent study of film. Course content will vary by instructor.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
5

FIL4931 - Advanced Topics in Film

General

Course Description
Description: This course covers advanced topics, themes, or movements in film. It may cover topics, such as the Vietnam War; themes, such as crime in mass media; or movements, such as avant-garde film. Advanced Topics in Film contributes to students' broad understanding of film while also increasing their ability to study a topic in depth.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

FIL4935 - Advanced Topics in Film

General

Course Description
Description: This course offers advanced topics in film organized by movements, styles, filmmakers, genres, historical periods, or themes.
Repeatability: This course may be repeated for up to 9 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

FIL4945 - Internship in Film Production

General

Course Description
Description: Students participate in supervised fieldwork in some aspect of film production to produce (1) a designated project as defined by the student, agency supervisor, and UNF faculty supervisor and (2) an Internship Portfolio documenting the experience. Repeatability: May be repeated for a maximum of 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

FIL5305 - Documentary Workshop

General
Course Description
Description: Students undertake advanced documentary research, refine their understanding of documentary techniques, extend their analysis of and work with the generic features of documentary film, explore the aesthetic implications of the choices a documentarian must make, and reflect on the ethical complexities of documentary film in relation to the artistic history that informs this genre.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

FIL5377 - Advanced Documentary Production

General
Course Description
Description: Advanced students work in teams to produce a digitally-filmed/ recorded documentary. Studying documentary styles informs students in the decisions they will make in the planning, scripting, shooting, recording, editing, and exhibition of their (often community-based) documentary. Documentary is understood through its cinematic, artistic, and political contexts (as distinct from television and news broadcast).
Repeatability: This course may be repeated up to 12 credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

FIL5934 - Special Topics in Film

General
Course Description
Description: This course offers advanced topics in film organized by movements, styles, filmmakers, genres, historical periods, or themes.
Repeatability: This course may be repeated for up to 9 credit hours.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

FIL6905 - Film Independent Study

General
Course Description
This course investigates topics in film at the advanced level.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

FIL6937 - Advanced Topics in Film

General
Course Description
This is an advanced study in topics, themes, or movements of film. Approaches will vary according to topic and instructor and will often include historical, cinematic, and theoretical methodologies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

FIN3124 - Financial Planning

General
Course Description
Co-requisite: FIN3403
Description: This course provides a comprehensive examination of the general principles of financial planning, professional conduct and regulation, and education planning. The course introduces students to the financial planning process and teaches them how to work with clients to set goals and assess risk tolerance. Students learn how to process and analyze information, construct personal financial statements, develop debt management plans, recommend financing strategies, and understand the basic components of a written comprehensive financial plan. The course also covers the regulatory environment, time value of money, and economic concepts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN3140 - Personal Finance

General
Course Description
Description: This course is a survey of the problems and techniques of personal, financial planning. It includes: consumer credit, insurance, taxes, home ownership, personal investment, managing cash income, controlling expenditures and estate planning. This course may not be taken for credit by students majoring in financial services or finance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN3303 - Financial Markets and Institutions

General

Course Description
Prerequisite: ECO 2013, FIN 3403
Description: This course presents financial markets theory and applies it to the mechanisms of financial markets and institutions. Themes include the supply of and demand for loanable funds; interest rate theory and determination; money and capital markets; and monetary, fiscal and debt management policies by various types of financial institutions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN3403 - Financial Management

General
Course Description
Prerequisite: ACG 2071, STA 2023, ECO 2023 with "C" or better
Description: This course focuses on management techniques for and considerations in determining short-term, intermediate-term, and long-term financial needs. Sources of funds available to management and the relevant financial instruments will be examined.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN3450 - Foundations of FinTech

General
Course Description
Prerequisite: FIN 3403
Description: This course provides an overview of the emerging Fintech discipline and how innovations and new technologies are transforming conventional financial markets and services.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4126 - Seminar in Financial Planning

General
Course Description
Prerequisite: FIN 4504 and REE 4043
Description: This course is designed to study current issues in financial planning through case analysis and discussions.
Availability: This course is usually offered in the spring only.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4128 - Financial Planning Process and Development

General

Course Description
Prerequisite: FIN 4504, TAX 3721 or TAX 3001, RMI 4135
and RMI 3011
Co-requisite: FIN 4132
Description: This course examines professional issues in financial planning, including: ethical considerations; regulation and certification requirements; written and oral communication skills; and professional responsibility. Students are expected to use skills obtained in other financial planning courses and perhaps work experiences in the completion of a comprehensive personal financial planning case, other mini-case studies, and calculation templates.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIN4132 - Estate Planning

General

Course Description
Prerequisite: TAX 3721
Description: This course focuses on the fundamentals of estate planning, including the social and family implications of federal/state taxation of transfers of wealth by gift or at death. Trusts, guardianships and post mortem planning are covered in this course. How planning is affected by business assets, employee benefits, and insurance will also be studied.
Availability: This course is offered only in the spring term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIN4414 - Financial Management II

General

Course Description
Prerequisite: FIN 3403 with "C" or better
Description: This course involves the examination of advanced topics in financial management of the profit-making firm. Topics covered include: determination of funds, cost of capital, and capital-structure planning. Case discussion is used in addition to readings and problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIN4451 - Capstone in FinTech

General

Course Description
Prerequisite: FIN 3450Description: This course will provide students an opportunity to demonstrate knowledge and skill acquired throughout the FinTech coursework. Topics include the impact and future implications of FinTech on various industries.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4453 - Financial Modeling

General
Course Description
Description: This course will teach the user intense Microsoft Excel-based financial modeling. While we start with some basic functions, the course involves very advanced finance from other finance courses. Therefore, an understanding of basic corporate finance, investment, and derivatives theories is assumed and not the focus of this course. Rather, the focus in this course is on teaching the user how to model a particular financial theorem in Microsoft Excel. For example, you will learn how to estimate betas and the security market line in Microsoft Excel, but an understanding of the topic is assumed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4461 - Financial Statement Analysis

General
Course Description
Prerequisite: FIN 3403
Description: This course is an in-depth analysis of financial statements, and of the basis which underlie their preparation. It presents a thorough understanding of the process of income determination and of asset and liability measurement, as well as the distortions to which these may be subject.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4504 - Investments

General
Course Description
Prerequisite: FIN 3403 with "C" or better.Description: This course focuses on the principles and practices of investments. The factors influencing security values are covered in this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4514 - Securities Analysis and Portfolio Management

General
Course Description
Prerequisite: FIN 4504
Description: This course is an examination of the theoretical framework, analytical tools, and decision-making skills required for analysis and selection of investments. Portfolio selection, management, and performance evaluation are also considered.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4533 - Derivatives

General
Course Description
Prerequisite: FIN 4504
Description: This course introduces students to the theoretical and practical aspects of the markets for financial futures, options, and other derivatives.
Availability: This course is normally offered in the fall semester only.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4540 - Fixed Income Analysis

General
Course Description
Prerequisite: Instructor's approval and FIN 3403
Description: This course is designed to provide a strong foundation in fixed income theories and strategies. Upon successful completion of the course, students should have the knowledge and skills necessary to succeed in a finance career requiring heavy use of Bloomberg. Emphasis is placed upon skills used by UNF alumni that have graduated and are currently employed in various industry positions. Some of the distinctive topics that will be covered include fixed income instrument valuations, binomial trees, MBS.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4556 - Behavioral Finance

General
Course Description
Prerequisite: FIN 4504
Description: This course introduces students to the area of behavioral finance, which is a rapidly growing area that deals with the influence of psychology on the behavior of financial practitioners. Behavioral phenomena play an important role in portfolio theory, asset pricing, corporate finance, and the pricing of derivative financial instruments. This course covers behavioral biases, violations of the EMH and market prediction, individual and institutional investor behavior, and corporate finance.
Availability: This course is normally offered in the spring semester only.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4560 - Student Managed Investment Fund I

General
Course Description
Prerequisite: FIN 4504Description: This is the first in a sequence of two courses whereby students manage a real portfolio of securities. The students selected for this course establish the security selection criteria, research the prospective investments, generate reports, make decisions to buy or sell, and execute the

trades. Administrative responsibilities are assigned and analyst teams are formed. Students accepted into the course must continue to Student Managed Investment Fund II during the next term.Availability: This course is offered only in the fall.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4561 - Student Managed Investment Fund II

General
Course Description
Prerequisite: FIN 4560Description: This course is a continuation of Student Managed Investment Fund I. In this course students will continue to evaluate securities; however, more attention is directed at the beginning to position the portfolio for the idle summer months by identifying core holding, and the preparation of the Annual Fund Report.Availability: This course is offered only in the spring.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4604 - International Finance

General
Course Description
Prerequisite: FIN 3403
Description: This course is a comprehensive survey of international finance. It provides a basic understanding of the forces that affect the relative values of currencies, the financial problems associated with international capital markets, and international institutions. Case studies will be used to illustrate specific situations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN4901 - Directed Independent Study Finance

General
Course Description
Prerequisite: FIN 3403
Description: This course involves special studies undertaken independently by students under the supervision of a finance faculty member. Students must have the faculty supervisor and Department Chairperson's approval for a special study prior to enrollment. May be repeated with change of content up to a maximum of 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

FIN4931 - Special Topics in Finance

General

Course Description
Prerequisite: FIN 3403 and permission of the advisor and the department chair
Description: This course involves the study of special topics not offered in other departmental courses.
Repeatability: This course may be repeated with change of content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
1

FIN4940 - Financial Planning Internship

General

Course Description
Prerequisite: FIN3403 and FIN 3124Description: This course involves significant work experience in finance with a financial services organization. Grading is on a pass/fail basis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

FIN4941 - Finance Internship

General

Course Description
Prerequisite: FIN 3403 and prior approval of an advisor and internship coordinator is requiredDescription: This course involves significant work experience in finance with a cooperating business, governmental or civic organization. Credit received depends upon the length of the internship. Grading is on a pass/fail basis.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

FIN4956 - Study Abroad in Finance

General

Course Description
Prerequisite: Permission of the instructorDescription: In this course students will study a country's business practices with a particular emphasis on finance. During this course the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. This course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
8

FIN6314 - Banking and FinTech

General

Course Description
Prerequisite: FIN 6406 or FIN 6778
Description: This course examines the structure of banking and other financial institutions; and the organization and relationship of FinTech with commercial banks and other institutions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIN6406 - Advanced Financial Management

General

Course Description
Prerequisite: All required 5000 level foundation courses
Co-requisite: ECO 6415
Description: This course involves an examination of theory and practice in financial management. Case analysis is used as a focus for class discussion.
Availability: This course is offered every semester.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIN6407 - Fundamentals of Financial Management

General

Course Description
Description: This course is designed to provide students with an introduction to the field of finance. The course focuses on the responsibilities, concerns and methods of analysis employed by financial managers as well as the role financial markets and institutions play in our economy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIN6455 - Financial Modeling

General

Course Description
Description: This course will teach the user intense excel-based financial modeling. While we start with some basic functions, the course involves very advanced finance from other finance courses. Therefore, an understanding of basic corporate finance, investment, and derivatives theories is assumed and not the focus of this course. Rather, the focus in this course is on teaching the user how to model a particular financial theorem in excel. For example, you will learn how to estimate betas and the security market line in excel, but an understanding of the topic is assumed. Permission of instructor only.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIN6515 - Investments

General

Course Description
Prerequisite: FIN 6406 or FIN 6778
Description: This course focuses on investment analysis, elements of the investment process, and the criteria for investment decisions.
Availability: This course is usually only offered in the fall.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

FIN6535 - Derivative Securities

General

Course Description
Prerequisite: FIN 6406
Description: This course introduces students to the theoretical and practical aspects of derivative securities, such as financial futures, options, futures, swaps and other financially engineered securities. The course will describe the market for these securities, derive the models to price derivatives and demonstrate effective usage of derivatives in managing financial risk.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FIN6545 - Fixed Income Analysis

General

Course Description
Description: Permission of instructor only. The purpose of this course is to provide students with an understanding of both basic and advanced bond investment theories and strategies that will hopefully give them a foundation to better understand the complexities and subtleties involved in the evaluation and selection of bonds and debt positions with detailed structures.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN6565 - Student Managed Investment Fund I

General
Course Description
Prerequisite: FIN 6406
Description: This is the first in a sequence of two courses in which students perform the activities of managing a real portfolio of securities. The course is designed to operate like a typical professionally managed fund. In this course, analyst teams are formed and officer positions are assigned. Students establish the criteria for selecting securities, research the prospective investments, generate reports, and make decisions to buy or sell securities. Students accepted into this course must continue to Student Managed Investment Fund II during the next semester. Enrollment in this course is limited by application.
Availability: This course is only offered in the fall.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN6566 - Student Managed Investment Fund II

General
Course Description
Prerequisite: FIN 6565
Description: This is the second course in the Student Managed Investment Fund sequence and continues where Student Managed Investment Fund I left off. In this course students will continue to evaluate securities and manage the portfolio; however, more attention is directed at beginning to position the fund for the idle summer months by identifying core holdings. The final project is the preparation of the Annual Report summarizing the performance of the fund during the fall and spring semesters.
Availability: This course is offered only in the spring.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN6605 - International Finance

General
Course Description
Prerequisite: FIN 6406
Description: This course involves a comprehensive survey of international finance. The course provides a basic understanding of the forces that affect the relative values of currencies, the financial problems associated with international trade, international capital markets and international institutions. Case studies will be used to illustrate specific situations.
Availability: This course is usually offered in the fall and spring.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN6778 - Foundations of FinTech

General
Course Description
This course provides an overview of the emerging Fintech discipline and how innovations and new technologies are transforming conventional financial markets and services.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN6779 - FinTech Practicum

General
Course Description
Prerequisites: FIN6406 and FIN 6778
Description: This course will provide students an opportunity to demonstrate knowledge and skill acquired throughout the FinTech coursework. Topics include the impact and future implications of FinTech on various industries.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN6796 - Advanced FinTech

General
Course Description
Prerequisites: FIN 6406 and FIN 6778
Description: This course covers innovations in fintech, cryptocurrencies and blockchains, smart contracts and decentralized applications. It also focuses on alternative lending, peer-to-peer technology, and machine learning in robo-advising.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FIN6906 - Special Work in Finance

General
Course Description
Prerequisite: FIN 6406 and this course requires prior approval of the instructor.
Description: This course involves an investigation of a selected problem or project of interest to the student.
Repeatability: The course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

FIN6936 - Special Topics in Finance

General

Course Description
Prerequisite: FIN 6406 and permission of the advisor and department chairperson.
Description: This course involves the study of special topics not offered in other departmental courses.
Repeatability: This course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
1

FIN6957 - Study Abroad in Finance

General

Course Description
Prerequisite: FIN 5405 or equivalent and permission of the instructor.
Description: In this course students will conduct advanced study of a country's business practices, with a particular emphasis on finance. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip assignments.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
8

FLE4333 - Special Methods: Foreign Languages

General

Course Description
Prerequisites: A minimum of 12 semester hours in one foreign language, and at least 6 hours at the upper level. An examination of the instructional methods, materials, and curriculum for teaching K-12 level foreign languages. Offered fall term only.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

- Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

FOL1100 - (FC) Beginning Foreign Language I

General

Course Description
Description: This course prepares the student to read, write and speak a language other than English. Native and heritage speakers of the target language may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

FOL2952 - (FC) Intermediate Foreign Language Study Abroad

General

Course Description
Students can earn up to six hours of credit through study of foreign language abroad at the intermediate level. Prior approval, awarded on a case-by-case basis, is necessary.

Credit Hours

Credit Hours:
3

Credit Hours Max:
12

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
12

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
12

Lecture Hours Operator:
TO

Number Of Repeats:
3

FOL3953 - (FC) Advanced Foreign Language Study Abroad

General

Course Description
Prerequisites: SPN2201 OR SPN3350 OR SPN3351Description: Students can earn up to six hours of credit through study of foreign language abroad at the advanced level. Prior approval, awarded on a case-by-case basis, is necessary.

Credit Hours

Credit Hours:
3

Credit Hours Max:
12

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
12

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
12

Lecture Hours Operator:
TO

Number Of Repeats:
3

FOL5930 - Topics in Foreign Language

General

Course Description
Prerequisite: Graduate standing and permission of instructor and department chairperson. See department office for description of specific offering. May be repeated up to 18 credits.

Credit Hours

Credit Hours:
2

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
2

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
2

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
6

FOS4041 - Food Science and Composition

General

Course Description
Prerequisites: FSS 1202, FSS 1202L, CHM 2045, and CHM 2045L.
Co-requisite: FOS 4041L.
Description: Students will study the composition of foods and the chemical, physical, and qualitative changes that occur as a result of food storage, preservation, processing, and production methods. Students will evaluate the role of agencies, programs, and laws in the regulation of foods and consumer protection.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FOS4041L - Food Science and Composition Laboratory

General

Course Description
Prerequisite: FSS 1202, FSS 1202L, CHM 2045, CHM2045L
Co-requisite: FOS 4041
Description: Students will learn practical skills related to food composition and the chemical, physical, and qualitative changes that occur as a result of food storage, preservation, processing, and production methods. Students will develop recipes or products that incorporate food science, safety, regulation, and consumer demand principles.
Course Fees: $38 will be assessed to in-person and hybrid sections.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
0

FOT3000 - Career Pathways in Language and Culture Study

General

Course Description
This course explores professional strategies for students studying language and culture, focusing on Spanish and French. It prepares students for careers that leverage bilingual skills, including translation, interpretation, teaching, international relations, tourism, and global business. Through guest speakers, case studies, and career research projects, students will develop cross-cultural communication skills, professional networking abilities, and a comprehensive understanding of how language proficiency impacts various professional sectors. Students will complete professional badging and create a professional portfolio, including résumés, cover letters, and interview preparation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FOT3500 - (FC) Peoples and Cultures of Spain

General

Course Description
Description: This course examines the history, people, and cultures of different regions of Spain comparatively through archival materials, architecture, art, literature and film. This course focuses on specific themes and ideas, e.g., the fundamental importance of the 711-1492 CE period of coexistence between Iberian Muslim, Christian, and Jewish cultures, in contrast with revisionist assertions of national culture in Francoist Spain (1939-1975). Students will investigate how such themes and ideas have constituted major factors in the configuration of Spanish cultural identity. The appreciation of multicultural heritage throughout the centuries and a better understanding of the challenges of modern/contemporary Spanish society and culture are further goals of FOT 3500. There are no prerequisites for this course, which is conducted in English.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FOT3931 - (FC) Studies in Foreign Culture

General

Course Description
Study of topics in foreign culture using materials in English. See Department of English and Foreign Languages for individual course description. May be repeated up to 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

FRE1120 - (FC) Beginning French I

General

Course Description
Description: This course stresses the development of communicative and functional language use at the beginning level. This course gives the student an opportunity to develop a basic ability to read, write, speak and comprehend modern French. Native and heritage speakers of French may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ - Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

FRE1121 - (FC) Beginning French II

General

Course Description
Prerequisite: FRE 1120 or as determined by placement test results
Description: This course is the second half of the beginning French sequence. Students will continue to acquire the basic ability to read, write, speak and comprehend modern French. The beginning sequence prepares students for the intermediate level in French. Native and heritage speakers of French may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

FRE2240 - (FC) Intermediate French I

General
Course Description
Prerequisite: FRE 1120 and FRE 1121 or as determined by placement test resultsDescription: This course stresses the development of communicative and functional language use at the intermediate level, building upon previously acquired structures through speaking, listening comprehension, reading and writing practice. Native and heritage speakers of French may take this course only with permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FRE2241 - (FC) Intermediate French II

General
Course Description
Prerequisite: FRE 2240 or as determined by placement test resultsDescription: As the second half of the sequence for intermediate-level French, this course stresses the development of communicative and functional language use at the intermediate level, building upon previously acquired structures through speaking, listening comprehension, reading and writing practice. Native and heritage speakers of French may take this course only with permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FRE3283 - (FC) French Listening and Speaking Skills

General
Course Description
Prerequisite: FRE 2240 Intermediate French I or equivalentDescription: This course provides training in the development of aural comprehension of spoken French, with an emphasis on understanding colloquial speech patterns, broadcast journalism and regional accents; students will also receive training in oral production with an emphasis on normative speech and the development of vocabulary. Native and heritage speakers of French may take this course only with permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FRE3300 - (FC) French Grammar and Composition

General

Course Description
Prerequisite: FRE 2240, FRE 2241Description: This course provides training in writing correct French through the systematic study of French grammar and the practice of writing skills using a variety of approaches and for a variety of purposes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FRE3350 - (FC) Readings in French Literature and Culture

General

Course Description
Prerequisite: FRE 2240, FRE 2241Description: This course provides training in reading and writing skills in French while giving students an introduction to a wide range of literary and cultural works from France and the French-speaking world.Repeatability: This course may be repeated for up to six credits with different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

FRE3502 - (FC) French and Francophone Cultures

General

Course Description
Prerequisite: FRE 3300Description: This course examines issues pertaining to French and Francophone cultures, including the study of civilization, literature, art, music and film from the French-speaking world. The language of instruction is French. Repeatability: This course may be repeated for up to six credits with different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

FRE4402 - (FC) Advanced French Conversation

General

Course Description
Prerequisite: FRE 3283 or permission of instructorDescription: This course promotes the development of advanced skills in conversation and comprehension with emphasis on normative aspects of spoken French and it will include conversation on different topics. Native and heritage speakers of French may take this course only with permission of the chair of Languages, Literatures and Cultures.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FRE4501 - (FC) France Today

General

Course Description
Prerequisite: FRE 3283 or FRE 3350 or FRE 3300 or permission of instructorDescription: This course examines the history, culture, politics, and social issues of contemporary France through selected readings of fictional and non-fictional texts, and engages students in the debates in France concerning immigration, the women's movement, unemployment, socialism and the role of French intellectuals in a changing society. The language of instruction is French.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FRE4905 - (FC) Directed Independent Study in French

General

Course Description
Prerequisite: Student must have successfully completed two French courses at the 3000-level prior to requesting an independent study.Description: This course provides directed individual research and study on a topic related to the language, literatures and cultures of French and Francophone peoples and regions. This course is not open to Minors in French.Repeatability: This course may be repeated for up to 6 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

FRE4930 - (FC) Special Topics in French Culture

General

Course Description
Prerequisite: FRE 3300 or FRE 3350 or permission of the instructorDescription: This course examines topics and issues pertaining to French and Francophone cultures and civilization. The readings and films used in the course will be in French, and the language of instruction is French so that students develop a better understanding of the intrinsic relationship between language and culture. Repeatability: This course may be repeated for up to 6 credits with different topics.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
1

FRE4940 - (FC) Internship for Service/ Employment in French

General

Course Description
Prerequisites: FRE 3300, FRE 3350, and FRE 3283. Minimum GPA: 2.5Description: This course constitutes a coordinated internship in a business or social agency that requires students to employ their language skills and cultural awareness to perform a variety of tasks as determined by the internship provider and the academic supervisor. The internship will consist of a minimum number of hours in the field (typically a minimum of ten hours per week for experience in a place of employment or monitored volunteer work demanding the application of teaching and translating skills). Internships may not be repeated for credit.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FRT3550 - (FC) Faces of France

General
Course Description
Description: This course examines social, political, literary and artistic issues in contemporary France through the study of culture, fiction and film. The language of instruction is English.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FRT3560 - (FC) Food and Culture in France

General
Course Description
This elective course on contemporary French culture will explore attitudes and practices regarding food production, preparation and presentation in France. We will learn about the history of food writing and gastrotourism in France. Students will examine the contributions of regional French cuisines in defining food culture in France.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

FRT3800 - French Translation Techniques

General
Course Description
Prerequisite: FRE 3350 or FRE 3300 or permission of the instructorDescription: This course provides an introduction to the methods of written and oral translation. We practice translating various styles (journalistic, technical, literary, spoken) of language, with emphasis on the difficulties of translating French to English and English to French. The language of instruction is French.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

FRW3100 - (FC) Survey of French Literature: Pre-19th Century

General

Course Description
Prerequisite: FRE 3350 or FRE 3300 or permission of the instructorDescription: This course provides a survey of major French texts and authors from the medieval period to the end of the eighteenth century.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FSS1202 - Food Fundamentals

General

Course Description
Corequisite: FSS 1202L. Students will acquire basic knowledge about food production and preparation. Included are basic principles of food science, food production, resource management, use and care of equipment, standards and evaluations of food products, recipe modification, safety, sanitation, purchasing, and agencies and laws related to food standards and grades.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FSS1202L - Food Fundamentals Laboratory

General

Course Description
Co-requisite: FSS 1202.
Description: Students will acquire practical laboratory skills and knowledge concerning basic food science composition and preparation. Included are basic principles of food science, food production, resource management, use and care of equipment, evaluations of food products, recipe modification, safety and sanitation, purchasing, and legal food standards and grades.
Course Fees: $38 will be assessed for in-person and hybrid sections

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
0

FSS1213L - Cooking for Health and the Environment

General

Course Description
This course will provide students with the knowledge, critical thinking, and technical skills to plan and cook food and make menu choices based on nutritional, environmental, local, and societal issues while keeping in mind time an budget constraints.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lab Hours

Lab Hours Min:
1

Lab Hours Max:
3

Lab Hours Operator:
TO

Number Of Repeats:
2

FSS3800 - Seminar in Food Systems and Sustainability

General

Course Description
Description: This course provides students with introductory principles related to food systems and sustainability. Students will explore food systems through all stages of the food supply chain, examine policies related to agriculture and food systems, and explore current and proposed strategies related to food sustainability.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FSS4230 - Quantity Food Preparation

General

Course Description
Prerequisites: FSS 1202, FSS 1202L, MCB 2013C, CHM 2045C. Large scale food preparation principles for application in a variety of commercial, institutional, community based settings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

FSS4945 - Professional Capstone in Community Nutrition & Food Management

General

Course Description
Description: This course for senior community nutrition and wellness students will focus on professional issues in a variety of community nutrition and wellness practice areas as well as food service management. Students will receive preparation for the Certified Dietary Manager (CDM) certification and complete a professional portfolio.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

GEA3405 - Geography of Latin America and the Caribbean

General

Course Description
Description: This class provides a systematic and regional survey of the geography of Latin America. Topics include physical environments, cultural geographies of pre-colonial and colonial society, population growth and migration, agriculture, mining, manufacturing and service industries, the Latin American city, political geography, development issues and Latin America's place in the global economy. Regional analysis will address Mexico, Central America, the Caribbean islands, Andean America, Brazil, and the Southern Cone.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEB1011 - Foundations of Business

General
Course Description
Description: This course is a basic overview of the functional areas of business providing a general framework for understanding the development, structure, and social responsibility of business as it applies to the American and international economies. Emphasis is placed on the interaction of management, marketing, transportation, finance, accounting and insurance within the business environment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEB1038 - UNF Advantage in Business

General
Course Description
This course is designed to assist first year students in making a successful transition to college and to prepare them to make the most of their college experience. The Osprey Advantage in Business will give students an overview of the majors within the Coggin College of Business. The course will also connect students with faculty members from these majors.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

GEB2112 - Planning a New Business

General
Course Description
Description: This class provides both business and non-business majors with hands-on skills necessary to succeed as an entrepreneur. The curriculum provides a balance between individual work and team projects. Students will apply practical skills to develop a business plan for a new venture.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

GEB2956 - Study Abroad in Business

General

Course Description
Prerequisite: Permission of the instructor.Co-requisite: Students must take a Foreign Language course and introduction to Global Business (MAN 2652) during the same term as the study abroad course.Description: Students will study a country's general business practices. During this course, the student will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
8

GEB3105 - Small Business Money Management

General

Course Description
Description: Small Business Money Management is designed to provide students with a comprehensive set of skills that will allow them to understand the financial situations faced by start-up businesses as well as their transition into mature firms and the various techniques of obtaining financing for new enterprises.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

GEB3132 - Family Business Management

General

Course Description
Description: This course examines the unique challenges and practices of family-owned businesses. Topics include planning for a firm's growth and continuity, dynamics of family interactions, conflict resolution in a family firm, preparing the next generation for entry into and management of family firms, and succession strategies. Since family-owned or controlled business comprise close to 90% of businesses worldwide, students would benefit from understanding the dynamics of family business as they may work for a family-owned business, plan on entering a professional field where their clientele may include family businesses or plan to bring family into their own business.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

GEB3154 - Entrepreneurial Marketing

General

Course Description
Description: This course focuses on the practical application of key marketing concepts and methods specifically relevant to entrepreneurial ventures. Students will study and discuss cases focusing on the marketing survival strategies of successful entrepreneurs and learn about the marketing challenges of entrepreneurial ventures from assigned readings, class discussions, and guest speakers. Each class session will cover components of the marketing plan for an entrepreneurial venture, making comparisons on how the strategies differ from traditional marketing in corporate America. A major project required in the course

is the development of marketing inventions for actual entrepreneurial ventures. Students will also review books and publications covering current entrepreneurial strategies and present key issues to the class.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

GEB3361 - International Business Internship

General

Course Description
Description: This course involves field practice at designated businesses or government agencies significantly involved in international business operations, research or marketing. Grading is on a pass/fail basis.Repeatability: The course is repeatable for credit. This course can be taken from between 1-20 credit hours based on the requirements of the individual program. Instructor permission is required.

Credit Hours

Credit Hours:
1

Credit Hours Max:
20

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
20

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
20

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
20

Other Hours Operator:
TO

Number Of Repeats:
19

GEB4104 - Small Business Consulting

General

Course Description
Description: Student consulting teams work with local entrepreneurial clients that are facing business challenges. Students will define the specific problem areas, gather and evaluate relevant data, and recommend and implement solutions pertaining to the challenges in specific small businesses. Under close supervision the teams will develop a comprehensive consulting report which will include their analysis and recommendations to the client.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

GEB4113 - Entrepreneurship

General

Course Description
In this course students will examine the concepts and issues of creating new ventures and challenges of managing their growth through assigned readings, case analyses of business ventures, and entrepreneurs as guest speakers. Student teams will research a business opportunity and develop and present a business plan for the new venture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEB4940 - Coggin Semester Exchange Program

General
Course Description
Description: This course is required for all students participating in a Coggin fall or spring semester exchange program or Coggin internship abroad program. The goal is to ensure students complete requirements for studying and/or interning abroad with a Coggin program, i.e., necessary paperwork, meetings, orientations, etc. This course provides two orientation sessions: pre-departure and re-entry. During these sessions - and in accordance with international education best practices - students explore cultural adaptation as a group; gain the tools necessary to have a successful, transformational experience abroad; reflect on their experience in an intentional, guided workshop; and learn to translate what they have learned into the workforce via the professional development portion of re-entry.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Lecture Hours
Lecture Hours Min:
0

Number Of Repeats:
4

GEB4941 - Foundations of International Business

General
Course Description
Description: This course provides a discussion of the process of international business to include: economics, cultural, financial, and legal factors that, together with governmental assistance, allow multinationals of various nations to conduct trade activities across national boundaries.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEB4942 - Entrepreneurial Internship

General
Course Description
Prerequisite: GEB 4113, permission of instructorDescription: This course provides internships as an opportunity for entrepreneurship students to utilize the knowledge they have learned in the classroom and to gain real experience in an entrepreneurial business. Students will have the opportunity to observe business practices of successful entrepreneurs, to experience the challenges of operating a business, and to recognize the knowledge, skills, and abilities necessary to be a successful entrepreneur.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

GEB4950 - Career Readiness in International Business

General
Course Description
Prerequisite: GEB4941Description: The Coggin Career Readiness in International Business course is required for all students completing their IB Practicum experience. The goal is to ensure students complete their practicum experience.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Number Of Repeats:
0

GEO2200 - Physical Geography

General
Course Description
The study of factors responsible for the development and distribution of landforms, climates, soils and water resources. Normally offered spring term of even-numbered years.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEO2420 - Cultural Geography

General
Course Description
This course analyzes the characteristics of human behavior in different cultures throughout the world. The course focuses on the ways diverse cultures organize themselves spatially to adapt to their geographic area.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEO3372 - Conservation of Natural Resources

General
Course Description
Examination of the endowment, use and conservation of natural resources in the modern world. Emphasis on problems and practices in the south. Course designed to satisfy resource certification for social studies teachers. Offered only during some summer terms.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEO3502 - Economic Geography

General
Course Description
Prerequisite: Principles of Economics or permission of instructor. Comparative analysis of major activities, emphasizing the distributional patterns, and the socioeconomic factors influencing the spatial orientation of economic activities. Normally offered each spring term.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEO3553 - Cultural Dimensions of Economic Geography

General
Course Description
This course explores the cultural aspects associated with economic geography. It concentrates on the socio-economic consequences of changing economic structures in the development process. Normally offered each fall term.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEO4905 - Directed Independent Study

General
Course Description
Prerequisite: Permission of department chair. Study of special topics under the guidance of faculty members. May be repeated with change of content up to a total of six credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

GEO4930 - Special Topics in Geography

General
Course Description
Prerequisite: Permission of instructor. Study of special topics not offered in other geography courses. May be repeated with change in content up to a maximum of six credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
1

GEO4956 - Study Abroad in Geography

General

Course Description
Prerequisite: junior or senior standingStudents will study a country's business practices, with a particular emphasis on economic geography and culture.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
9

Lecture Hours Operator:
TO

GEO6506 - Economic Geography and Geographic Information Systems

General

Course Description
Prerequisites: Graduate standing.
Description: This course will familiarize students with the major geographic features of the modern business world. The geo-economic evolution of the global trading environment will be analyzed and tools of spatial analysis using GIS technology will be introduced.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

GEO6906 - Directed Individual Studies in Economic Geography

General

Course Description
Prerequisites: Consent of department chair. Study of special topics under the guidance of faculty members. May be repeated with a change of content up to a maximum of six credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

GEO6936 - Special Topics in Economic Geography

General

Course Description
Prerequisite: Graduate standing.
Description: The study of advanced Geographic Information Systems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
5

GEO6956 - Study Abroad in Geography

General

Course Description
Prerequisite: Graduate standing in CCB
Students will participate in advanced study of a country's business practices, drawing upon analysis of economic geography, culture, and political economy.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

GER1120 - (FC) Beginning German I

General

Course Description
Description: This course stresses the development of communicative and functional language use at the beginning level. Students will learn to read, speak, comprehend and write modern German at the beginning level. Native speakers of German may take this course only with the permission of the Language Coordinator.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours Min:**
4

Lecture Hours

Lecture Hours Min:
4

GER1121 - (FC) Beginning German II

General

Course Description
Prerequisite: GER 1120 or equivalent
Description: This course is the second half of the beginning sequence. Students will continue to acquire the basic skills in reading, speaking and writing modern German. The beginning sequence prepares students for study at the intermediate level. Native speakers of German may take this course only with the permission of the Language Coordinator.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours Min:**
4

Lecture Hours
Lecture Hours Min:
4

GER2200 - (FC) Intermediate German I

General
Course Description
Prerequisite: GER 1120 and GER 1121Description: This course stresses the development of communicative and functional language use at the intermediate level. Students will gain practice in speaking, reading and writing modern German. Native speakers of German may take this course only with the permission of the Language Coordinator.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

GER2201 - (FC) Intermediate German II

General
Course Description
Prerequisite: GER 2200Description: As the second half of Intermediate German, this course continues the development of communicative and functional language use at the intermediate level. Students will gain practice in speaking, reading and writing modern German. Native speakers of German may take this course only with the permission of the Language Coordinator.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

GEY3004 - Aging in America

General
Course Description
Description: This course is designed to provide a comprehensive overview of the social, economic, cultural, and demographic issues impacting aging in contemporary America. An interdisciplinary focus will be utilized in examining these issues and major trends in gerontology.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

GEY3503 - Assisted Living Facility Administration

General
Course Description
Description: This course provides the core curriculum required by the state of Florida for all individuals managing assisted living facilities while exploring the historical and policy factors impacting development of supportive, healthy living environments for seniors.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GEY3660 - Aging Policy and Politics

General

Course Description
Description: This course will introduce the students to aging policy at the federal, state and local level. Topics covered will include major landmarks in the development of public policy for aging and the influence of seniors and senior organizations on the political process.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

GEY6813 - Aging Capstone

General

Course Description
Prerequisite: HSA 6114, HSA 5177, HSA 6225
Description: The Aging Capstone is designed to provide students the opportunity to gain practical experience while demonstrating the integration of classroom knowledge and theory in management of aging programs and services within the health care industry. Students will select an internship in an aging services organization or a faculty supervised community-based project. This course is a culminating experience and is taken the last semester of academic enrollment.
Repeatability: Course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

GIS3043 - Introduction to Geographic Information Systems

General

Course Description
This course is designed to give students an introduction to the basic concepts, theory, and methods of Geographic Information Systems (GIS). Concepts and theory will be supplemented by hands-on experience with GIS software.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

GIS3250 - Geographic Information Systems for Biology

General

Course Description
This course introduces students to the theory and application of Geographic Information Systems (GIS) as used in biology and related disciplines. GIS technology enables acquiring, managing, analyzing and displaying information in a spatial context, and it has become a critical component of decision making and research endeavors.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GIS4024 - Aerial Surveillance and Mapping

General
Course Description
This course provides students opportunities to learn and apply geospatial concepts and techniques to the fields of aerial photography, image processing, and the creation and analysis of 3D and virtual reality models. Students will learn to use professional-level equipment and software packages to monitor conditions and analyze changes to the land related to urbanization, deforestation, agricultural usage, environmental health and environmental justice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GIS4048 - Intermediate Geographic Information Systems

General
Course Description
Prerequisite: GIS 3043 or GIS 3250.Description: This course expands on the concepts, techniques, and theories introduced in GIS 3043. Students will learn advanced techniques of spatial data creation and advanced methods of spatial analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GIS6050 - GIS Theory and Applications

General
Course Description
This course will introduce students to the theory and application of Geographic Information Systems (GIS) with an emphasis on research endeavors. GIS technology enables acquiring, managing, analyzing and displaying information in a spatial context. GIS techniques have become critical tools for research and decision making.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

GIS6051 - GIS and Geospatial Technologies

General
Course Description
This course teaches students to use geospatial principles and technologies to model urban development, infrastructure networks, business activity, consumer markets, and the natural environment. Students will use industry-level GIS software and microcomputers to acquire, manage and analyze imagery and spatial data.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GLY2010 - Physical Geology

General
Course Description
Using the scientific method, critical thinking skills, and data analysis, this course will examine the fundamental processes of the earth system, composed of an atmosphere, hydrosphere, cryosphere, lithosphere, biosphere, and exosphere through time. The course will also explore interactions between these spheres, including critical analysis of scientific theories and emphasize lithospheric connections with humanity.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GRA2108 - Graphic Design History

General
Course Description
Description: This course surveys the evolution of graphic design and explores its development as a profession. It traces visual communication from early human marks into the digital age, focusing on significant people, artifacts and events. The course explores the interrelationship of design and culture, examining social, political, economic, artistic and technological influences on the form and function of graphic design, and vice versa. Through examination, analysis and evaluation of canonical works, this course promotes awareness and understanding of the history of graphic design as a foundation for those who will create its future.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GRA2110C - Graphic Design: Creativity and Critique

General
Course Description
Prerequisite: ART1201C, ART1300C and ART1600C
Description: This course provides strategies for ideating original creative concepts and introduces a vocabulary for articulating the design decisions that visualize those concepts. It gives students a foundation for analyzing, evaluating, discussing and presenting graphic design works in written and oral formats. It emphasizes the purpose and value of critique and introduces methods of accepting and delivering feedback in a critical yet empathic manner. Students also examine issues of originality, appropriation, and plagiarism.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA2160C - Graphic Design: Process and Methods

General
Course Description
Prerequisite: ART1201C, ART1300C and ART1600C
Description: This course outlines the developmental stages of creative conceptualization and emphasizes strategic approaches to devising effective user-centered design solutions. It focuses on the role of research in defining a problem and informing design decisions, and introduces methods for conducting and analyzing research. Students explore a variety of techniques for idea generation and concept visualization, as well as different approaches to testing and evaluating design prototypes.
Course fees: $65

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA2190C - Graphic Design: Principles

General
Course Description
Prerequisites: ART 1201C, ART 1300C, and ART 1600
Description: This course introduces the formal elements and principles of visual language. It provides a vocabulary for describing visual form and analyzing its role in a variety of applied contexts, and teaches techniques for creating form. Projects emphasize formal and conceptual experimentation across a range of analog and digital media. Students study historical and contemporary design to recognize the principles at work in effective graphic solutions, examine the significance of trends and develop their own design sensibilities.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA2203C - Prepress Production

General
Course Description
Prerequisites: GRA 2190C
Description: The course examines and demonstrates software and techniques used in digital page design for printed media. Basic typography and production processes will be explored. Design problems will be used to explain how to effectively prepare a job from concept through the printing process. Projects will be used to explore traditional and digital printing technology and techniques used in producing a job for press.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA2208C - Type Visualization

General

Course Description
Prerequisite: ART1201C, ART1300C and ART1600C
Description: This course introduces students to typographic form and function. It focuses on type anatomy and classification, presents principles of effective typography, and considers type design in historical contexts as well as contemporary practice. Students examine typographic construction through hand-drawn studies and practice composition using digital manipulation, beginning with the interrelationship of letters and expanding to the spatial organization of a page. Projects emphasize both practical applications and expressive explorations of type.
Course fees: $65

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

GRA3118C - Publication Design

General

Course Description
Prerequisites: GRA 3183C, GRA 2203C
Description: This course focuses on creative problem solving for publication design. Emphasis is placed on the importance of content as the foundation for concept development, creation of flexible grid systems, typographic detail and composition. Topics include but are not limited to magazine, annual report, newspaper, catalog and book design.
Course fee: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

GRA3139C - Time-Based Media

General

Course Description
Prerequisite: Acceptance into Graphic Design or departmental permission.
Description: This course examines the potential of sequence and motion in creating compelling visual narratives. It explores the fundamentals of visual storytelling and presents strategies for planning time-based design solutions that communicate with an intended audience. It introduces technologies and techniques for creating and editing content, including audio, video, typography, still imagery and sound. Projects range from practical to experimental and challenge students to consider how time-based media can shape the user experience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

GRA3155C - Graphic Symbols and Semiotics

General

Course Description
Prerequisite: Acceptance into Graphic Design or departmental permission.
Description: This course introduces the study of signs and symbolism within the framework of visual communication, with a focus on enhancing visual literacy. It examines how meaning is created and how messages are interpreted and perceived depending on cultural, societal and temporal contexts. Course projects explore methods for visually communicating objects and ideas through representation and abstraction; stylization of form, including color, typography and imagery; and the use of rhetorical devices in graphic design.
Course fees: $45

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

GRA3174C - Poster Design

General

Course Description
Prerequisite: GRA 2190C
Description: This course will focus on where design and message come together to communicate an idea to the public. Emphasis will be placed on the aesthetic and meaning behind delivering an effective message to an intended audience. The student will also consider the relevance and role the poster plays in society today. Class projects will focus on concept and process and will be explored visually using various design techniques. There will be a research and writing component to each of the projects.
Course fee: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

GRA3183C - Typography Studio

General

Course Description
Prerequisites: GRA 2190C.
The principles of typography will be explored through exercises and projects. Projects will emphasize the typographic form and type-and-image in visual communication. Emphasis will be placed on terminology, historical origins, form and compositional elements used while designing with type. Problem solving skills, process and research will be stressed. Graphic design principles will be reinforced with projects concentrating on typographic detail.
Course fees: $45

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

GRA3192C - Type Communication

General

Course Description
Description: This course explores the function and potential of typography in expanded design contexts. Students solve increasingly complex typographic problems using innovative design solutions that consider contemporary visual environments. They develop the necessary skills to design engaging reading

experiences, from applying conventions of traditional typographic etiquette to experimenting with expressive typography and unconventional compositions. The course emphasizes the use of grids, information hierarchy, and comprehensive typographic systems to create effective layouts that enhance the communication of the message to the intended audience.
Course fee: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA3512C - Visual Identity

General
Course Description
Prerequisites: GRA3155C
Description: This course examines the role of design in defining and enhancing the brand experience of companies, organizations, products, and people. It provides an overview of important historical works and explores visual identity in contemporary branding strategies. Students study formal elements and component parts, as well as applications, classifications, and touchpoints. They utilize research methodologies to produce visual identities, ranging from static wordmarks to adaptive integrated systems, with a focus on creative, consistent solutions. They also examine visual brand strategy through the analysis and development of design standards and guidelines.
Course fee: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA3523C - User Interface and Interaction Design

General
Course Description
Prerequisites: Acceptance into Graphic Design or Departmental Permission.
Description: This course introduces students to the key methodologies in designing modern interactive experiences. Analog and digital tools are utilized to plan, design and prototype human-centered design solutions for screens and emerging technologies. Students explore the limitations and the potential of interactive screen-based design, while effectively applying fundamental design elements including typography, color, imagery, layout, and animation. The course also addresses user research, user experience, design thinking, problem definition, information hierarchy, navigation, usability, accessibility, and production.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA3833C - Motion Graphics

General
Course Description
Prerequisites: PGY 1800C, GRA 3880C
Description: This course introduces students to motion graphics, as it relates to special effects, animation, and advertising. Students will be challenged to apply their current design knowledge in motion graphics. New solutions to visual

problems will be explored through challenging class projects. Additional emphasis will be placed on exploring motion graphics as it relates to contemporary media.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
8

GRA3880C - Illustration

General
Course Description
Prerequisites: GRA 2190C
Description: This course surveys the broad field of illustration through studio projects that examine the varied requirements in areas such as advertising, editorial and book illustration. Projects challenge the students ability to create illustrations, both traditionally and digital, that communicates to a mass audience with impact and style. Additional emphasis will be placed on applying illustrated works to a digital, page design.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA3955 - Design on Site

General
Course Description
This course is designed to accommodate off campus experiences relevant to the study of design. Cultural sites, museums, galleries, archives, and other art and design institutions will provide venues for the exploration and analysis of design. Students may engage with design history and/or contemporary practice through lectures, tours, workshops, artist talks, and studio visits. Projects and assignments will respond to the particulars of place: Students may engage in design practice on site as well as create design work inspired by their locations of study. Students may repeat this course up to three times, earning a total of 9 credits under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

GRA4119C - Package Design

General
Course Description
Prerequisites: GRA 2190C, GRA 3512C
Description: This course introduces the principles of graphic design and three dimensional design as they apply to packaging design. This course will cover principles of branding and how they apply to the process of designing packaging. Students will explore conceptual development and problem solving in three dimensional graphic design systems. In addition, they will work with functional and

formal aspects of packaging. Students will also improve their creativity skills while working individually and in teams. They will interface with equipment, software and a variety of packaging materials, forms and containers.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA4137C - Advanced Web Design

General
Course Description
Prerequisite: GRA 3523C
Description: This studio course builds on the principles taught in introduction to web design. Students are challenged to solve advanced communication problems while addressing technical issues relating to web design and the user experience. An emphasis is placed on web standards, advanced HTML and CSS. Students work with industry standard tools to produce assignments that simulate real world projects. Additional topics to be discussed will include: User Testing, Project Panning, Ste Evaluation and Collaboration.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

GRA4154C - Advanced Illustration

General
Course Description
Description: Advanced problems and techniques of conceptual and editorial illustration. Problems and demonstration in a variety of media-methods of presentation.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA4179C - Social Design

General
Course Description
Prerequisites: GRA 2190C
Description: This course will explore the purpose of Graphic Design for social change outside the scope of advertising. Students will investigate societal issues and provide design solutions in response to the problems identified. The student will also consider the relevance of design for pro-bono and non-client based causes. Class projects will emphasize the conceptual and aesthetic aspects of delivering an effective message.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

GRA4186C - Senior Design Studio

General

Course Description
Prerequisites: GRA 3512
Description: This course focuses on the refinement of student's problem-solving abilities through the advanced application of the design process. They research and analyze topical subjects to create visual communication application such as Poster, Corporate Identity Systems, and Environmental and Editorial Design Applications. Emphasis will be placed on expressive and creative communication through graphic design and portfolio development through production of high-quality printed portfolio pieces.
Course fee: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

GRA4189C - Graphic Design Portfolio

General

Course Description
Prerequisites: Acceptance into Graphic Design program, and senior status or departmental permission.Description: In this concluding course of the Graphic Design and Digital Media program, students produce a portfolio of work that demonstrates advanced critical thinking, conceptualization, technical proficiency, and visual composition. They revise and refine projects created in previous semesters to support a focused area of interest. New work may be developed to create a comprehensive and diverse portfolio. Professional goals are considered in evaluating and utilizing effective presentation formats. The course emphasizes students' ability to articulate design concepts and decisions through oral and written communication. Course fee: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

GRA4423 - Graphic Design Professional Practices

General

Course Description
Prerequisites: Acceptance into Graphic Design program, and senior status or departmental permission.Description: This course prepares students for progressing from the classroom to professional environments. It surveys career opportunities within various disciplines and examines cultural trends influencing design practice. The course explores the designer-client relationship, ethical and professional standards of conduct and intellectual property issues. It guides students through the job search process as well as self-employment strategies for pricing work, writing proposals and contracts, and managing time and workflow. Assignments emphasize effective written and oral communication for professional audiences. Course fee: $15

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

GRA4513C - Product Promotion

General
Course Description
Prerequisite: GRA 2190C
Description: This course explores and deciphers messages in product promotion for television, website, and print. Students will be taught how to use visual rhetoric and persuasion to educate a target audience about products and services. Various theories and practices used in the advertising industry will also be discussed. Emphasis will be placed on design solutions for product promotion.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA4884C - Advanced Motion Graphics

General
Course Description
Prerequisite: GRA 3139C
Description: This course focuses on traditional animation, fundamentals of character design, layout and timing. Projects will focus on the differences between the limitations and specifications for Web and Broadcast. Students will evaluate motion design and animation examples and discuss film theory as it relates to the role of designer/producer. Emphasis will be placed on taking ideas from concept to finished shorts utilizing the current technology. Commercial as well as experimental techniques will be discussed.
Course fees: $45

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA4886C - Visual Systems

General
Course Description
Prerequisite: GRA3192C and GRA3155C
Description: This course enables students to create complex, concept-driven, user-centered design systems. It provides advanced strategies for conducting, analyzing, evaluating and synthesizing research to identify user needs and respond with responsible, meaningful, empathic design solutions. Students consider the impact of design beyond the target audience, examining systemic effects on business, economy, society, culture, and environment. The course emphasizes the importance of communication and collaboration with all the participants of the design process.
Course fee: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

GRA4915 - Directed Individual Study

General
Course Description
This course is designed to support individualized learning experiences tailored to each student's specific design inquiry. Students will independently research, conceptualize, and design comprehensive design systems, following a structured plan developed in consultation with faculty. Projects will draw upon historical and/or contemporary design practices, with regular faculty meetings to assess progress at key stages. The final projects are intended for inclusion in the student's portfoli

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

GRA4930C - Advanced Graphic Design Practicum

General
Course Description
Pre-requisite: GRA2208CDescription: This course supplements the Graphic Design curriculum by offering a rotating selection of courses not listed in the catalog. Faculty may use this course to explore a variety of design subjects through more expansive and intensive approaches, such as experimental typography and layout, brand development, systems design, and user-centered design. Students may repeat this course up to three times, earning a total of 9 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
2

GRA4940 - Internship in Graphic Design

General
Course Description
Prerequisites: Senior standing and completion of three upper-level graphic design courses and consent of coordinator. Description: Students will work and study on the job with a Graphic Design firm or an organization that has a Graphic Design Department. The firm or organization must be approved by the coordinator and paid positions are preferred.Course fee: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HIM6121 - Health Information Regulatory Compliance

General
Course Description
This course teaches essential and practical skills in managing an organization's compliance with HIPAA privacy and information security laws and internal controls, regulations, and standards. Students will learn how to

manage the uses and disclosures of protected health information (PHI), including processing patient access requests to their health records, release of information workflows, retention and destruction of PHI, and notification of privacy breaches.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIM6122 - Clinical Systems Analysis and Decision Support

General

Course Description
This course studies the clinical systems development life cycle model, emphasizing current changes in systems analysis and design through illustrative case studies. The uses of clinical decision support (CDS) systems and how they impact patient care will be discussed, including decision support system architecture, data mining, usability, and ethical/legal issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIM6123 - Clinical Workflow Design and Re-Engineering

General

Course Description
This course addresses the gaps in understanding how health information technology impacts clinical workflows and how the effective implementation of these workflows are central to safe and effective patient care delivery. Various tools for addressing clinical workflow inefficiencies, including process mapping and redesign, will be discussed and applied to real-life situations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIM6667 - Health Informatics and Interoperability

General

Course Description
This course will provide an overview of health informatics as a profession, including clinical informatics, data science, and health information management specializations. Health informatics principles and terminology will be covered, as well as the systems development life cycle, human-technology interfaces, and tools to promote patient safety and quality. The role and importance of interoperability will be discussed, included regulatory standards.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIM6908 - Independent Study in Health Informatics

General

Course Description
This Independent study allows students to learn about healthcare management/ leadership/policy related projects to explore in greater depth. Students and faculty will create this project course, determine what to study, and then students will work one-on-one with a faculty member to earn academic credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

HIS3051 - (GW) The Craft of the Historian

General

Course Description
Introduces students to the skills, approaches, and theories used by historians; includes both discussion and practice of the craft of the historian. Gordon Rule Additional Writing credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIS3402 - Urban Environmental History and Sustainability

General

Course Description
Description: This course examines the historical relationship between cities and nature, from the early 1800s to the present time. Focusing on Europe and North America over the last two hundred years, we study: (1) how industrial era cities changed their surroundings, leading to smoky skies, polluted canals, unsanitary housing, and shortages of water; (2) how different social and political groups have thought about and tried to improve the urban environment, building water and sewer systems, establishing park space, planting sustainable gardens, and creating sustainable energy, water, waste, and transportation systems; and 3), the ways that different groups have experienced pollution and urban blight, depending upon issues of race, class, and gender. We will explore these themes through lectures, discussions, readings, films, written assignments and field trips.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIS3490 - History of Medicine and Disease

General

Course Description
The development of the modern medical and allied health professions, with special reference to the U.S. from the late 18th through the 20th century; social, scientific, and historical factors that determine the nature, extent and definition of disease.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HIS3932 - Selected Topics:History

General
Course Description
May be repeated for a total of 18 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
5

HIS4266 - Comparative Empires

General
Course Description
Prerequisite: HIS3051
Description: This course is designed to provide advanced undergraduates with an in-depth reading of several notable publications that address how and why modern European empires spread and declined. Broadly conceptualized as a colloquium, the readings will allow students to deal with several important processes in empire studies, such as: environment, gender, travel, and science/medicine.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HIS4491 - Seminar: Science Medicine and Culture

General
Course Description
Prerequisite: HIS3051 with a C or better.
Description: This course examines the between humans and microbes through time. The course covers a variety of social, political, and cultural responses during the long history of medical innovation and adaptation to an ever-changing disease environment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HIS4906 - Directed Individual Study

General
Course Description
Prerequisite: Written consent of the instructor. May be repeated for a total of 6 credits under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
1

HIS4936 - Seminars

General

Course Description
Prerequisite: HIS 3051 or permission of instructor. May be repeated for a total of 15 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
4

HIS4940 - Internship in History

General

Course Description
Prerequisite: History major or minor, 3.0 GPA, junior or senior standing, and permission of the department chair are required. Provides a supervised work experience in an area historical, archaeological or cultural organization. Students must work at least 160 hours per semester. May be repeated for up to 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

HIS5067 - Public History

General

Course Description
This course will enhance student knowledge of public history by providing them with both the current literature in this more recent field of the history profession. In addition, students will be required to practice this area of history by creating their own projects to contribute to the knowledge of history, particularly local history, beyond the traditional academic arena of the classroom. Students will interact with a variety of individuals who are active in fields of public history. Other primary goals of the class are to impart extensive information about historic preservation and give students a greater understanding of the role of history professionals in this increasingly significant field of public history.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIS5077 - Oral History

General

Course Description
This course introduces students to the ethical, methodological, theoretical, and practical foundations of oral history. Topics include project design, community partnership development, and best practices for conducting, preserving, transcribing, and disseminating oral histories.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

HIS5165 - Digital History

General

Course Description
This course examines the leading theoretical and methodological works in the field of Digital History, and trains students in the application of digital technology to the investigation, analysis, and presentation of historical research. Students gain expertise in how digital media shapes the communication, construction, and understanding of historical knowledge by scholars and the broader public. Students apply their knowledge of digital history methodologies and technologies to develop a digital work of scholarship equivalent in scope to a research seminar paper. Research topics vary by instructor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIS5268 - Comparative Empires

General

Course Description
This course is designed to provide graduate students with an in-depth reading of several notable publications that address how and why modern European empires spread and declined. Broadly conceptualized as a colloquium, the readings will allow students to deal with several important processes in empire studies, such as: environment, gender, travel, and science/medicine.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIS5302 - History in Photography and Film

General

Course Description
This course considers how photographs and films (including documentary and feature films) both distort and reflect historical reality, and how photographs and films can be used as historical evidence.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HIS5497 - Science Medicine and Culture

General
Course Description
Prerequisite: Enrolled in the History graduate program or special permission of the instructor.
Description: his course examines the relationship between humans and microbes through time. The course covers a variety of social, political, and cultural responses during the long history of medical innovation and adaptation to an ever-changing disease environment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HIS5934 - Special Topics in History

General
Course Description
May be repeated up to 9 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

HIS6208 - History of Human Rights

General
Course Description
Prerequisite: Enrolled in the History graduate program or special permission of the instructor.
Description: This discussion-based graduate research seminar examines the history of the concept of human rights. The class explores this history from an international perspective and multiple viewpoints. Students will analyze debates in the scholarly field of human rights studies and research the history of what has come to be known as human rights, including the human rights/historical memory nexus.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HIS6317 - Sex and Gender in History

General
Course Description
Prerequisite: Enrolled in the History graduate program or special permission of the instructor.
Description: This course is designed to expose graduate students to key social and political debates in sex and gender history. Topics will include: LGBTQ+ history, transgender history, and intersectionality.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIS6498 - Plato to Nato in Science and Medicine

General

Course Description
Prerequisite: Enrolled in the History graduate program or special permission of the instructor.
Description: This course is a study of the intersection between science and medicine across time and space. It is designed to expose graduate students to major historical and theoretical debates within the field, while also providing the necessary foundation to conduct primary source research on a variety of topics related to the course materials.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HIS6905 - Directed Independent Study

General

Course Description
Prerequisite: Permission of instructor. May be repeated up to 9 credits under different topics with permission of graduate advisor.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
2

HIS6915 - Public History Seminar

General

Course Description
This seminar examines the leading theoretical and methodological works on a specific theme in the field of Public History. Topics include museum studies, memory studies, community studies, heritage tourism to understand the roles that Public History professionals play in historical interpretation and community engagement at the local, regional, national, and international levels. Students apply their knowledge of best practices in Public History to develop a work of scholarship equivalent in scope to a research seminar paper. Research topics vary by instructor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

HIS6935 - Special Topics in History

General

Course Description
Prerequisite: Permission of instructor. The course will vary each time it is offered. May be repeated up to 12 credits under different topics with permission of graduate advisor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
4

HIS6946 - Internship in History

General
Course Description
Prerequisite: Admission to graduate program, six hours of history graduate credit, and permission of the graduate advisor required. Provides a supervised work experience in an area historical, archaeological or cultural organization. Students must work at least 200 hours per semester. May be taken only once for credit in thesis program and twice in non-thesis program.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

HIS6971 - Thesis Research

General
Course Description
Prerequisite: Graduate standing. MA thesis research and writing. May be repeated for up to 15 credits with permission of graduate advisor.

Credit Hours
Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
4

HSA2530 - The Language of Healthcare

General
Course Description
Description: This course provides an introduction to professional communications, and vocabulary used in the Health Administration field. Emphasis is placed on the fundamentals of terminology and communication.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

HSA3101 - Introduction to Health Administration

General

Course Description
Description: A study of behavioral, organizational and situational factors affecting the management role in health delivery settings and strategies for analyzing problems and implementing changes. Emphasis on management strategies and techniques as applicable to professionals working in the health setting.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

HSA3160 - Health Care Marketing

General

Course Description
Principles and methods of marketing health care services with emphasis on newly developing health care services. Considers roles of professions, governing bodies, organization administration and consumers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA3173 - Health Care Accounting

General

Course Description
This course provides a concentration in the unique aspects of accounting for health care institutions such as hospitals, medical group practices, nursing homes, laboratories, and diagnostic centers, including the different financial reporting requirements used by for-profit, not-for-profit, and governmental organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA3191 - Health Information Systems I

General

Course Description
Examination of health information systems with focus on system technology, hardware configurations and the nature and characteristics of information systems in health care settings. Various applications for information systems in the health care delivery system will be emphasized as well as their potential benefits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA3222 - Long Term Care Administration

General

Course Description
This course provides an introduction to the organization, financing, and management of the institutional and community based health care and social services that make up the long-term care delivery system.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA3340 - Healthcare Human Resources

General

Course Description
This course introduces students to the management and development of personnel within numerous public and private healthcare settings. The course will introduce students to the key functions of human resources, the legal and regulatory aspects of human resources management and the current human resources challenges faced by healthcare organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA3383 - Quality Management in Healthcare

General

Course Description
This course is designed to acquaint the student with quality management concepts, tools and techniques used in health services industry and the application of quality management theory to health care product and service outcomes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA3430 - Health Economics and Quantitative Analysis

General

Course Description
Prerequisite: STA 2023 and ECO 2023
Description: This course will be designed to examine the U.S. health care decision-making and delivery system from an applied economics perspective. With advancement in health insurance models, greater emphasis is being placed on individual choice and responsibility as determinants of healthcare utilization. The purpose of the course is to show students how to apply the basic principles of economics to health care. In addition, this course will focus the utilization and application quantitative skills required to understand, conduct and evaluate performance of health care organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA3514 - Essentials of Practice Management

General

Course Description
Description: This course will examine issues and circumstances surrounding the management of medical and physician group practices within the United States healthcare system.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA3522 - Managerial Epidemiology

General

Course Description
Description: This course will provide a focused look at how epidemiology and the study of population health and the mechanisms by which health is measured, studied, and evaluated can be applied to health care and public health management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

HSA3750 - Evaluation of Health Programs

General

Course Description
Focuses on determining the relative worth of organized programs and services in the health care industry. Examines the various evaluative models including behavioral, systems, decision making, case study and accreditation. Study of needs assessment, formative and summative evaluation is also studied.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4004 - Professional Skills Development

General

Course Description
Prerequisite: HSA 4170
Co-requisite: HSA 4922
Description: This course is taken in preparation for the health administration internship. Students will participate in structured activities that prepare them to demonstrate skills needed to successfully secure an internship site and complete administrative assignments and projects within the health care workplace.
Course Fees: $125.46

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

HSA4005 - Becoming a Health Care Boss

General

Course Description
This course presents an overview of key management skills for students aspiring to launch a successful supervisory career in healthcare and health-related occupations. The course will offer students practical guidance and advice on improving their effectiveness, focusing on enhancing supervisory abilities in areas such as planning, organizing, directing, controlling, and coordinating, as well as building vital skills in communication, motivation, problem solving, delegation, time management, and career development.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4111 - U.S. Health Care System

General

Course Description
An overview of the organization and delivery mechanisms in the U.S. health care system. Various settings for the delivery of health care and personnel and financial resources integral to the delivery of care are presented. Course also includes the historical development and future growth and direction of the system.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4150 - Introduction to Health Policy

General

Course Description
Prerequisite: HSA 3111 and HSA 4111
Description: This course is an introduction to health policy. It will focus on how U.S. health policy is developed and will provide students with a general understanding of the policymaking process and debates related to major U.S. health care legislation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4170 - Health Care Finance

General

Course Description
Prerequisites: ECO2023, HSA3173, HSA3101 and HSA4111
Description: This course presents an overview of the fundamentals of healthcare financial management. The course will introduce students to the financial organization of non-profit facilities, sources of operating revenue, management of working capital, and the allocation, control and analysis of resources.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4544 - Global Health Care

General

Course Description
This course presents an overview of the fundamentals of global health systems across multiple countries. The course will introduce students to the uniqueness of each examined health system, including history, background, current issues, financing mechanisms, resources, and distinctive features.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4553 - Health Law and Ethics

General

Course Description
The principles and rules of law and how they relate to health care organizations and the ethical issues of consumers and providers of health care. The course also focuses on ethics and its principles and application in service settings. Contemporary issues confronting those delivering and using health care will be examined.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4850 - Health Administration Internship

General

Course Description
Prerequisite: HSA4922 and HSA4004Description: The health administration internship provides the student with the opportunity to gain practical experience and integrate classroom knowledge and theory in an administrative setting within the health care industry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

HSA4905 - Independent Study

General

Course Description
Prerequisites: Permission of supervising faculty and Department Chair. Students will complete a specialized study or research project on a health administration topic under direction of program faculty. This course may be repeated once for an additional 3 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

HSA4922 - Capstone: Health Administration

General

Course Description
Prerequisite: HSA 4170Description: This capstone course is designed to enable students to integrate knowledge and skills derived from prior coursework as they address current management issues for health services organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4938 - Seminar on Managed Care

General

Course Description
A series of seminars presented by faculty and students on topics of interest in the managed care arena. The seminar will provide a forum for the discussion of topics of interest in managed care operations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA4955 - Study Abroad Health

General

Course Description
This course provides students with the opportunity to study the organization, financing and delivery of health care in other countries. While abroad, students will visit hospitals and health organizations, and meet with local public health officials as they explore cultural and political issues impacting health care. This course may be repeated once for study of a different country for an additional 3 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

HSA5177 - Health Care Finance

General

Course Description
Corequisite: ACG 2021 or equivalent. This course is designed to provide a foundation in current finance theory with tools needed by health care managers in day-to-day practice. The course finance content encompasses the spectrum of the health care industry and provides financial models used for cost-effective analysis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6112 - International Health Systems

General

Course Description
Prerequisites: HSA 6114, HSA 6186 and HSA 6940
Description: This course is an intercultural study designed to pair international certificate students and Master of Health Administration students for the purpose of examining specific health management topics from the framework of different cultures.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6114 - Health Organization and Delivery

General

Course Description
Examines the organization and administration of the U.S. health care system including its various health care service settings, personnel resources, and sources of system finance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6148 - Strategic Planning and Marketing in Healthcare

General

Course Description
Description: This course introduces the principles, methods and concepts of two primary aspects of strategic management related to health care organizations including strategic planning and marketing. Governance, systems analysis, model development, market and product development, financial planning, process engineering, human resources planning and decision support systems will be introduced as they pertain to the tactical design and implementation of a strategic management culture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6149 - Healthcare Planning and Project Management

General

Course Description
Prerequisite: Undergraduate marketing course or equivalent.
Description: This course develops the competencies and skills for planning and controlling projects and understanding interpersonal issues that drive successful project outcomes. Focusing on the introduction of new products and processes, it examines the project management life cycle, defining project parameters, matrix management challenges, effective project management tools and techniques, and the role of a project manager.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6158 - Health Policy and Law

General
Course Description
Description: This course provides an overview of the legal system, and health law and policy issues directly impacting healthcare organizations, practitioners and the public. Areas covered will include health care policy development and legal and regulatory actions at the state, federal and local level.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6178 - Advanced Health Care Financial Management

General
Course Description
Prerequisites: HSA 5177, HSA 6196. This course examines the concepts and techniques of financial management in health care delivery system settings. Examines organizational cost behavior, budgeting, cost allocation and financial modeling.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6179 - Financial Management for Health Care Organizations

General
Course Description
Description: This course focuses on health care organizations' financing and financial decisions in the changing health care landscape. It addresses selected financial management concepts, practices,and finance functions in healthcare organizations. It also introduces important financial theories, issues, tools and terminology that administrators need to know to manage health care organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6186 - Healthcare Leadership and Organizational Theory

General
Course Description
Prerequisites: HSA 6114.
Description: This course addresses current leadership and theory focusing on leadership styles, motivation, change management, innovation, and creativity as they relate to the management of health services organizations. This course will review the interaction of leadership styles and organizational theory and behavior to explain why healthcare organization exist as they do,and how individuals within organization both affect and are affected by the structure of the organization.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

HSA6187 - Managing Human Resources in Health Care Organizations

General
Course Description
Description: This course focuses on the management of people in healthcare organizations. Human resources (HR) strategic planning, HR legal environment, compensation strategies, recruitment/selection/retention, job design and analysis, performance management, and diversity and inclusion in the workplace will be discussed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6188 - Capstone: Healthcare Strategic Management

General
Course Description
Prerequisite: HSA 6435; HSA 6114; HSA 5177.
Description: This "capstone" course is intended to integrate the various disciplines - finance, human resources, law, ethics, policy, operations, research, etc. - into a comprehensive and practical framework. This course will challenge students to put acquired skills, theories and strategies into practice in various segments of the health industry.
Course Fees: $125.46

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6196 - Quantitative Analysis for Health Services

General
Course Description
Prerequisites: HSA 5177 Health Care Finance
This course covers the financial and statistical techniques used in managerial decision-making in the health care industry. Emphasis will be placed on the analysis of financial data and application of analytical tools in the evaluation of healthcare programs and organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

HSA6198 - Health Information Technology

General
Course Description
This course will examine healthcare information systems with respect to their composition, role, and development within the healthcare environment. In addition, the course will discuss methods for evaluating new health information technology for acquisition by healthcare organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6327 - Healthcare Revenue Management

General
Course Description
This course provides an overview of the revenue cycle process, with specific focus on reimbursement methods, revenue integrity and claims management, medical coding and accuracy, clinical documentation improvement, and value-based care programs. Students will be able to reinforce learning via case studies and scenarios applicable to health information managers and clinical/health informaticists.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6342 - Healthcare Human Resources

General
Course Description
This course focuses on the management of people in healthcare organizations. The course will provide a comprehensive set of managerial tasks and activities designed to develop human resources management (HRM) skills applicable to health services. Aspects of the external environment that affect how people are managed in the healthcare workplace will also be examined.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

HSA6385 - Quality Management in Health Care

General
Course Description
This course will provide students an opportunity to examine many of the issues related to quality measurement in health care. The course will emphasize individual and group inquiry into various quality measurement programs and will examine the theoretical basis for current quality measurement activity in the health care field.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6386 - Population Health for Health Administrators

General

Course Description
Description: This course introduces concepts related to population health and epidemiological methods utilized in the study of the origin, distribution, and control of disease. The course will acquaint students with the fundamentals of epidemiologic inquiry, population studies and design, biases that affect interpretation of clinical studies, and applications to decision-making by management in public and private health care organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6387 - Healthcare Quality and Patient Safety Management

General

Course Description
Description: This course will emphasize individual and group inquiry into various quality initiatives and patient safety programs and will examine current quality measurement activity in health care. Topics discussed in the course include the elements of patient safety and satisfaction, measures for improving organizational and patient quality, accountability standards, and the system approach for continuous quality improvement.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6396 - Strategic Planning for Health Information Systems

General

Course Description
Description: This course includes and expands on the typical management information system course material. It includes a macro application to the strategic planning and implementation of clinical and business information systems. Time is spent exploring the importance of balancing technical innovation, business stewardship, and socially responsible and ethical uses of technology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6435 - Health Economics

General

Course Description
This course examines supply and demand factors, financing of care, efficiency and cost of delivery as related to the health care system. Special attention will be given to physician and hospital reimbursement and behavior, competition and rationing as mechanisms for controlling expenditures.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6436 - Health Economics, Financing and Reimbursement

General

Course Description
Description: This course examines supply and demand factors, financing of care, efficiency and cost of delivery as related to the health care system. Special attention will be given to physician and hospital reimbursement and behavior, competition and rationing as mechanisms for controlling expenditures.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6512 - Leadership and Organizational Behavior in Healthcare

General

Course Description
Description: This course provides the tools necessary for enhancing leadership effectiveness in today's challenging healthcare environment. Through the use of self-discovery and application of leadership principles students will be better able to contribute to organizational success. The course will also include a review of various organizational behavior theories that can be applied toward the achievement of specific goals within healthcare organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6515 - Practice Management

General

Course Description
This course examines issues and circumstances surrounding the management of medical and physician group practices within the United States healthcare system. It will also provide students with practical information and managerial techniques for effective physician practice management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6520 - Managerial Epidemiology

General

Course Description
Description: This course covers epidemiological concepts and methods for measuring and interpreting data related to the distribution and determinants of morbidity and mortality in human populations. The course will acquaint students with the fundamentals of epidemiologic inquiry, population studies and design, biases that affect interpretation of clinical studies, and applications to decision-making in health care and public health management.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

HSA6707 - Research Methods for Healthcare Management

General
Course Description
Descriptions: The course provides an overview of select concepts related to research methods including design, data collection, statistical and interpretative analysis. Research method techniques and common statistical applications of importance to healthcare managers are also discussed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA6813 - Aging Capstone

General
Course Description
Prerequisite: HSA 6114, HSA 5177, HSA 6225
Description: The Aging Capstone is designed to provide students the opportunity to gain practical experience while demonstrating the integration of classroom knowledge and theory in management of aging programs and services within the health care industry. Students will select an internship in an aging services organization or a faculty supervised community-based project. This course is a culminating experience and is taken the last semester of academic enrollment.
Course Fees: $125.46

Credit Hours
Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

HSA6815 - Practicum: Executive Skill Development

General
Course Description
Prerequisites: HSA 6186
Description: This Executive Skill Development course is designed to develop and enhance the skills necessary for success as a healthcare executive through management practice in health care administration. The course provides the students the opportunity to gain practical experience and integrate classroom knowledge and theory in an administrative setting within the health care industry.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

HSA6905 - Policy and Law in Healthcare

General

Course Description
Prerequisite: HSA 6114
Description: This course is an introduction to the study of health policy,health law and the legal system. The course will focus on components of health policy and law, including how policy is developed, analyzed, and evaluated. The main emphasis will be upon understanding how governmental bodies produce policy and how the legal and regulatory actions impact the healthcare industry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA6908 - Directed Independent Study

General

Course Description
Prerequisite: Permission of supervising faculty and Department Chair.
Description: This course allows the student to complete a specialized study or research project under the direction of program faculty.
Repeatability: This course may be repeated to a maximum of 12 credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
11

HSA6940 - MHA Internship

General

Course Description
Prerequisite: HSA 5177 and HSA 6196
Description: The Health Administration Internship provides Masters in Health Administration (MHA) students an opportunity to gain practical work experience and improve their knowledge, skills and abilities by integrating lessons and theories gained in the classroom into a professional setting within the health care industry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

HSA6958 - Study Abroad: Healthcare

General

Course Description
PREREQUISITE: Graduate Standing, preference given to BCH students. This course provides the students with the opportunity to study the organization, financing and delivery of health care in other countries. While abroad, students will visit hospitals and health organizations, and meet with local health practitioners as they explore cultural and political issues impacting healthcare. This course may be repeated once for an additional 3 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
1

HSA7091 - Scientific Writing for the Healthcare Professional

General
Course Description
This course guides students in the writing of scientific manuscripts for publication in an area related to health administration. The goal of the course is to facilitate more effective writing of evidence-based articles using practical examples and peer feedback. Topics include: principles of good writing; tips for writing more efficiently; journal selection; co-author selection, and the anatomy of a manuscript. Students begin the course with a research question (purpose of study) and a summary of quantitative or qualitative (or mixed methods) data they would like to present in a scientific manuscript. This typically takes the form of summary tables. Students end the course with a research topic and at least two sections (e.g., methods and results) of a completed manuscript.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA7146 - Strategic Vision and Planning in Healthcare

General
Course Description
This course will review the critical nature of creating an organization's mission and vision, as well as implementing a strategic planning process. Successful healthcare strategic planning not only needs to measure how well a hospital or health system is currently performing but also must anticipate what lies ahead. Students will gain insight into the modern healthcare system and explore trends in mergers and acquisitions, system growth, and changes in reimbursements. Innovations such as the use of big data in healthcare, block chain technology; genomics; and artificial intelligence will be introduced and discussed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA7156 - Public Policy and Healthcare

General
Course Description
This course deals with the shifting paradigms of healthcare policy. The origins of policy created through legislative and administrative action will be considered. Strategies for policy creation, implementation, evaluation and change will be examined from the viewpoint of healthcare administration. There is a special focus on examining the current and possible future tradeoffs at the national government level between health services delivery preferences, and growing resource limitations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA7197 - Planning for Health Information Systems

General
Course Description
This course provides a senior-level view of the issues surrounding the adoption and use of information technology in support of healthcare innovation. Students gain insight into national initiatives that further the development, expansion, and deployment of health care information systems (including clinical applications such as electronic health records, e-prescribing, provider order entry, disease management, data security, artificial intelligence). Issues surrounding the management of health information resources at the institutional level are also explored including topics such as system selection and implementation; IT security, IT governance and management; IT budgeting, and assessing and achieving value in healthcare information systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA7333 - Financial Management

General
Course Description
The focus of this course will be to improve the leader's ability to use financial information for strategic decision making. This will be accomplished through a review of the concepts and methods for financial analysis for healthcare organizations. This includes capital investment analysis with an emphasis on valuation, benchmarking, return on investment, and cost/benefit analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA7348 - Managing Change and Negotiation

General
Course Description
This course focuses on the leadership and management of change in an organizational setting. Specifically, the course seeks to help students understand the dynamic relationship between external demands for change and internal objectives to meet stakeholder expectations. Resistance to change will be addressed with strategies to overcome the barriers. The course will focus on organizational development strategies as well as individual negotiation skills to facilitate organizational change and innovation in healthcare.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA7357 - Organizational Behavior

General
Course Description
This course is designed to guide students in the development of a structured framework for comprehending the intricate landscape of healthcare organizations. With a specific focus on health services organizations and management research, the course delves deep into the realms of organizational theory and organizational behavior. Organization theory is explored as the sociological study of organizational structures and operations, encompassing the critical examination of organizational productivity, performance, as well as the behaviors exhibited by

employees and groups within these organizations. Students will have ample opportunities to enhance their comprehension of crucial organizational behavior topics such as motivation, leadership, group dynamics, and team dynamics through engaging case analyses and readings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA7367 - Evidence-Based Decision Making

General
Course Description
This course will define evidence-based decision making and reinforces an approach that involves using objective and reliable evidence to inform and guide the decision-making process. It will demonstrate the value in relying on data and research to identify potential solutions, evaluate the effectiveness of alternative options, and ultimately make informed decisions. Using evidence-based decision making can be particularly useful in situations with multiple possible solutions or where decisions have significant and long-lasting impacts. By relying on evidence and analysis, leaders can help ensure that decisions are made fairly, objectively, and effectively and that they are more likely to achieve their desired outcomes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSA7385 - Leadership Accountability for Quality and Safety

General
Course Description
The process of quality management in healthcare as it pertains to healthcare executives and leadership accountability is analyzed in this course. The focus is on continuous quality improvement with an emphasis on implementation and evaluation. Accreditation guidelines will be examined in relation to their impact on healthcare systems. Topics include: effective communication and teamwork; epidemiology of patient nosocomial injuries and medical errors; evolution in clinical protocols; automation, technological, and computer support; and psychological factors in human error.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Number Of Repeats:
0

HSA7386 - Population Health Management

General
Course Description
This course focuses on new and innovative processes in addressing the health of populations. Population Health Management (PHM) is a set of strategies and mechanisms, tailored to the unique characteristics and needs of populations, designed to optimize health status, patient experiences, cost and utilization: The course focuses on using data science and analytics to execute the population health management process. Additional course content as it applies to population health management will include community health assessments, evidence-based practice principles, risk identification and epidemiological principles and methods, enabling healthcare access and utilization, and patient engagement management The use of health information management and decision tools will be included in facilitating student learning and applications of advanced analytics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA7388 - Advances in Leadership

General

Course Description
This class serves as the cumulative leadership course in the DHA Program. Students will apply the knowledge and skills acquired through academic literature, research and lectures as they participate in online class discussions and exercises. Critical analysis will be used to apply theoretical strategic concepts to actual cases in today's dynamic and challenging healthcare environment. The course will address the critical role of strategic thinking associated with paradigm shifts, risk management, and innovation. This course will synthesize all the portions of the program and your experiences in your careers leading to potential changes and personal growth.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA7706 - Research Methodologies

General

Course Description
This course provides students in the Doctor of Health Administration program with an introduction to both quantitative and qualitative research methodologies that are used in health management and services research. The course enables students to understand the key elements of a research proposal and study. The student will begin developing skills in framing a researchable problem, formulating a research question or query, and designing a methodological approach. In addition, the course aims to enhance students' critical thinking skills in evaluating evidence-based research studies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSA7911 - Doctoral Project I

General

Course Description
Prerequisite: Completion of all required coursework or permission from Program Director.
Description: In this course the doctoral student will identify, with advisor approval, a problem or question that requires a change in healthcare or educational services, administrative practices and/or policies that might be addressed in a particular leadership role. This problem should have relevance to current and emerging health care or educational issues. The result of the project will be a scholarly work, written at a doctoral level of complexity, dealing with the results of the evidence-based analysis of the service, practice or policy examined. Focus is on dissemination of evaluative outcomes and implications for healthcare administration.

Credit Hours

Credit Hours:
6

Contact Hours

Contact Hours Min:
6

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
6

Other Hours

Other Hours Min:
6

Number Of Repeats:
0

HSA7912 - Doctoral Project II

General

Course Description
Prerequisite: HSA 7911
Description: In this course, work will continue as per HSA7911. Upon completion of the Doctoral Project, credit will be applied to complete the degree requirements. Specific guidelines for the Project and Committee composition are outlined in the DHA Policy Manual.

Credit Hours
Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Other Hours
Other Hours Min:
6

Number Of Repeats:
0

HSC2000 - Health Care Careers

General
Course Description
This course is designed to assist students in planning and pursuit of their own career goals. Students will be provided with an introduction to the health care industry emphasizing the roles of the various health care professionals. The course investigates the wide variety of health care careers, focusing on the nature of the work, job descriptions, necessary abilities, legal and ethical responsibilities, and education preparation and credentialing. Students will learn how to gain reliable information regarding individual jobs in health care and understand impact of current trends in health care on employment opportunities. An opportunity to interface with health care professionals is provided.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC2100 - Personal and Public Health

General
Course Description
This course examines US health priorities with an emphasis on behavioral and social determinants of health. Material presented will raise levels of awareness and provide information needed to make informed health related choices, encourage attitude change, and develop decision making skills which facilitate healthier lifestyle behaviors.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC2619 - Introduction to Exercise Science

General
Course Description
Description: This engaging introductory course provides an overview of exercise science and related areas, such as exercise physiology, athletic training, biomechanics, sports psychology, motor control and learning, nutrition, and sports injury. This course will help lower level undergraduate students develop an understanding of the basic principles of exercise science and the range of career paths in the field.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC3032 - Foundations of Public Health

General
Course Description
Prerequisite: Completion of 50 credit hours.
Description: The purpose of this course is to introduce the public health field and profession and to provide a foundation for subsequent major courses. Emphasis will be placed on the social and behavioral core of public health. Students will learn foundations of the field centered around the Responsibilities and Competencies of Health Educators. Student development and professionalism is emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC3301 - Health and Movement Education in the Elementary School

General
Course Description
A study of elementary school health, safety, and movement education programs. For elementary education majors.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC3304 - Public Health Strategies

General
Course Description
Prerequisite: Completion of 50 or more earned credit hours.
Description: This course focuses on methods to effectively communicate public health education messages that positively influence the behaviors of individuals and communities. Students will learn essential skills to communicate health messages to diverse audiences using presentations, teaching strategies, and print and social media.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC3500 - Epidemiology

General
Course Description
Prerequisite: STA 2014 or STA 2023
Description: A study of the distribution and determinants of health and disease in humans utilizing basic concepts in clinical medicine laboratory science, statistical and data handling methods. The causes of disease will be examined leading to the proposal of potentially effective strategies for prevention and control.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC3537 - Medical Terminology

General
Course Description
Study of medical terminology and how it relates to the systems of the body. Emphasis placed on the fundamentals of terminology and communication within health related fields.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC3553 - Pathophysiology

General
Course Description
Description: This 3 credit course involves the study of physiologic changes in the body that result from disease processes. An overview of basic concepts of disease processes will be provided and particular attention will be placed on the etiology, development, and progression of chronic diseases of the cardiovascular, pulmonary, neurologic, metabolic, and musculoskeletal systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

HSC3555 - Human Diseases: Pathophysiology, Prevention and Treatment

General
Course Description
Prerequisites: BSC 2085C, BSC 2086C
This course provides an overview of the etiology, pathophysiology, diagnosis, prevention and treatment of the major human diseases. Both infectious and non-infectious diseases of the human body systems will be presented.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC3578 - Food, Health and Society

General
Course Description
This course is an analysis of how social, psychological, cultural, historical, political, and ecological factors impact food, nutrition, and society. Students will gain an understanding of the U.S. food system and how the food system structure and function affects societal health. The course will also discuss information about how food globalization impacts health. Emphasis will be given to understanding how food-related social factors impact nutrition and dietetics practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC3628 - Healthcare Issues in Worldwide Communities

General

Course Description
Description: This course provides students with real life skills and experiences in the community working with populations that can be translated directly into practice in other communities around the world. Students will work in multidisciplinary teams to address an identified need of a given population and formulate solutions from a variety of health perspectives.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC3713 - Planning and Evaluating Health Programs

General

Course Description
Prerequisites: PSY 2012, MAC 1105, STA 2014 OR STA 2023, CHM 2045/2045L or CHM 1025/1025L, MCB 2010C, BSC 2085C, BSC 2086C; HSC3032, HSC4730
This course will examine the methods and instruments used to conduct needs assessments, develop complete program plans, and implement evaluations for community health programs. Emphasis will be placed on assessing individual and community needs, the development of logical and sequential program plans based on measurable and appropriate objectives, and procedures to evaluate the effectiveness of health programs. A field experience may be required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4102 - Physical Activity and Public Health

General

Course Description
Description: This course will explore the intersection of physical activity and public health. More specifically, students will learn about: 1) the relationship between physical activity and diseases such as obesity, cardiovascular disease, and mental health; 2) common fitness assessments that can be used in various healthcare settings; and 3) strategies for effective physical activity promotion.
Course fees: $10

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4133 - Sexual & Reproductive Health Promotion

General

Course Description
This course explores priority sexual and reproductive health issues and underlying determinants throughout the lifespan for diverse individuals and populations. With a focus on prevention, strategies for promoting sexual health using surveillance, evidence-based programs, policies and access to care will be presented. Students will gain knowledge and skills in utilizing data and resources to advocate for and select approaches that improve sexual wellbeing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC4134 - Mental & Emotional Health Promotion

General
Course Description
This course examines educational planning and program implementation involved in developing and maintaining mental and emotional health throughout the lifespan. Priority mental health issues will be addressed with a focus on early identification, intervention, and referral strategies. Students will explore a variety of skills and resources to improve mental health of individuals and communities including communication skills, resiliency, advocacy, and access to care.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC4150 - Substance Abuse and Violence Prevention

General
Course Description
Corequisites: 9 semester hours of 3-4000 level HSC courses. This course is a study of issues related to the prevention continuum, including primary, secondary, and tertiary prevention. Substance use, misuse, abuse, and dependency, as well as violence are addressed. The focus of the course is the application of substance abuse/dependence and violence prevention programs in a variety of settings. A field experience is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC4181 - Alternative Healing

General
Course Description
This course examines the philosophy of complementary medicine. An overview of various methodologies effective in complementary medicine will be examined with the goal of understanding how these methodologies can be used to improve one's health.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC4210 - Environmental Health

General

Course Description
Description: This course will provide an ecological examination of the relationship between environmental conditions, and human health and safety. Special emphasis will be given to principles, processes, priorities, and current research in the study of environmental problems and their impact on health and disease in human populations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4234 - Health Education about Healthy Eating Guidelines

General

Course Description
Description: The purpose of this course is to introduce students to the Social and Behavioral Core of Public Health through examples in nutrition health education programming. Students will learn the Responsibilities and Competencies of Health Educators and apply those CHES Responsibilities and Competencies to nutrition education programs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4238 - Promoting Physical Activity & Healthy Eating

General

Course Description
This course explores physical activity and eating behaviors that lead to priority health issues and the underlying determinants for diverse individuals and populations. Students will review national guidelines and explore cultural and developmental influences on physical activity and eating behaviors. Students will learn strategies to educate populations about these behaviors, identify evidence-based programs and policies, and utilize data and professional resources to advocate for improved physical activity and health eating.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4549 - Advanced Exercise Physiology for Health Science

General

Course Description
Prerequisite: HSC 4612
Description: This course will build on the concepts of Exercise Physiology learned in HSC 4612 and focus on the physiologic adaptations to acute and chronic exercise at the cellular, tissue, organ and system level.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4563 - Dimensions of Health for the Older Adult

General

Course Description
A study of the framework in which healthy aging is viewed from interactional, developmental, phenomenological and structural perspectives with emphasis on health promotion in later life.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4602 - Animal Assisted Services for Health and Wellness

General

Course Description
Students will examine the historical and theoretical foundation for the inclusion of animals as a treatment alternative or adjunct to traditional practices in health, wellness and education settings. Students will learn about training and practice standards, techniques, ethics and animal welfare issues that impact the practice of Animal Assisted Services (AAS), Animal Assisted Treatment (AATx), Animal Assisted Education (AAE) and Animal Assisted Support Programs (AASP). Students will explore their relationships with animals and nature and examine health related careers or disciplines that best suits them in human service professions. Students will review the evidence-based practice of AAS relative to their chosen field and complete a final reflection paper demonstrating learning and integration for their personal and professional lives.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

HSC4612 - Exercise Physiology for Health Science

General

Course Description
This course is a study of how acute and chronic bouts of exercise change the structure and function of the human body. Emphasis will be given to the effects of exercise on health related fitness, the training of athletes, and the enhancement of sport performance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4615L - Lab Methods in Exercise Physiology for Health Science

General

Course Description
Prerequisite or Co-requisite: HSC 4612.
Description: Field and laboratory tests and procedures commonly used in the study of Exercise Physiology for Health Science will be examined in this course.
Course fees: $25.00

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

HSC4624 - Global Health

General
Course Description
Global health is an interdisciplinary field that relies on a broad knowledge base to create innovative solutions to challenging health problems in resource poor settings. This course will introduce students to the main concepts of global public health and the current challenges facing health equity within international communities. Special emphasis will be given to social determinants of health, household and community dynamics, global health delivery systems and global burdens of disease and injury.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC4670 - Global Sexuality and Reproductive Health

General
Course Description
Description: Students will be introduced to a variety of global sexuality and reproductive health topics. Examples include varying gender roles, family dynamics, pregnancy and prenatal care, STDs/HIV, and access to services. Cultural practices specific to sexuality such as child brides, FGM, and sex trafficking will be explored.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC4674 - Global Health: Water, Sanitation and Hygiene

General
Course Description
Description: This multidisciplinary course is an introduction to the role and relationship between water, sanitation and hygiene (WASH) and global health. WASH material will be global in coverage but focus primarily on low and middle-income countries and vulnerable populations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC4730 - Public Health Research

General

Course Description
Prerequisites: STA 2014 or STA 2023
Description: The purpose of this course is to deepen students' understanding of the fundamental concepts and processes of public health research. Particular attention will be paid to raising learners' ability to develop research questions and write a literature review.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4736 - Introduction to Clinical Trials

General

Course Description
Description: This course provides a basic introduction to clinical research and key components in conducting clinical trials. It includes an overview of human subjects protection, the clinical research process, components of good clinical practice, an introduction to roles of key personnel involved in clinical research and job outlook, ethics, and regulatory considerations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC4800 - Professional Preparation in Public Health

General

Course Description
Prerequisite: HSC3032, HSC4730Co-requisite: HSC3713. HSC3713 must be taken before or with HSC4800.Description: This course prepares students for practice in the field of public health. Students will demonstrate professional skills, explain the essential qualities of leadership, teamwork and networking, and secure an internship for practice experience. Students completing an off-campus internship will be required to pay for and complete a background check. HSC4800 must be completed the semester prior to HSC4814.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

HSC4814 - Public Health Practical Experience

General

Course Description
Prerequisites: HSC3304, HSC3500, HSC3555, HSC4210, HSC4624, HSC4730, PHC4468, HSA4111, HSC3032, HSC3713, HSC4800Description: Must be completed in the last academic semester of enrollment. Students may only take up to 3 elective courses with internship. This course is a mentored internship a public health setting. The practical experience is meant to be a culminating opportunity for students to practice public health competencies under the guidance of an experienced public health professional.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
0

HSC4906 - Independent Study and Research

General

Course Description
Prerequisite: Permission of Department Chairperson.
Description: A specific health related research project conducted under the guidance of a faculty advisor.
Repeatability: This course may be repeated for up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
11

HSC4931 - Special Topics

General

Course Description
A detailed study or a topic in the health science field. Topics will vary each time the course is offered and will be based on the need to address a current health issue or subject in detail. Refer to "Schedule of Courses" or department for further information. May be repeated up to 12 credits with a change in course content.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

HSC4934 - Interdisciplinary Health Studies Capstone

General

Course Description
Description: The interdisciplinary capstone provides students an opportunity to apply their knowledge and abilities, as well as hone skills in preparation for employment or graduate study in healthcare. Capstone projects may take many different forms including community-based internships, independent research projects, study abroad experience, or other projects under the direction of the program director.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

HSC6116 - Advanced Clinical Integrative Practices I

General

Course Description
This course provides an in-depth application of theory into practice. This includes advanced assessment strategies, integrative personal clinical theory, documentation efficiency, development of practice and maintenance of the client/practitioner relationship/rapport, and case conceptualization skills in community-based settings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC6138 - Sexuality Education

General

Course Description
This course provides an overview of physiological, and sociological aspects of human sexuality throughout the lifespan including gender, family life, relationships, reproduction sexual behavior, STDs/HIV, safer sex, and sexual coercion. Planning, implementing and evaluating community sexuality education programs are included in the course. Policy issues that affect sexuality education are also addressed. Students are required to complete research, writing, and practice assignments related to sexuality education in public health.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC6165 - Global Sexuality and Reproductive Health

General

Course Description
Description: Students will be introduced to a variety of international sexuality and reproductive health topics. Examples include varying gender roles, family dynamics, pregnancy and prenatal care, STDs/HIV, sex trafficking, access to public health services, and global public health initiatives. Cultural practices such as arranged marriages, child brides, and FGM will be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC6215 - Environmental Health

General

Course Description
Description: This course presents a One Health framework to demonstrate the relationships between environmental, human and animal health. Special importance will be given to principles, processes, priorities, and current research in the study of environmental problems and their impact on health and disease patterns among human and animal populations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6270 - Integrative Behavioral Health Program Development

General
Course Description
Prerequisites: HSC6116 and HSC6596
Description: This course guides the student through the agency needs assessment and evaluation process resulting in the development of a proposal for organizational change and resource acquisition. This process will objectively identify places of growth and improvement in community mental health agencies through determining strengths, weaknesses, opportunities, and threats (SWOT) to program success.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6509 - Nutritional Epidemiology

General
Course Description
This course teaches history, concepts, skills, and research designs and methods relevant to nutrition epidemiology. The course reviews nutritional epidemiology research related to mortality and morbidity and describes how this research relates to public health dietary recommendations and nutrition and dietetic practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6526 - Special Topics/Infectious & Noninfectious Diseases

General
Course Description
Concepts and characteristics of important infectious and noninfectious diseases to include their biological and behavioral determinants, susceptibility and defense, and current methods in prevention and treatment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6585 - Health Communication

General
Course Description
Description: this course students will explore health communication foundations, conceptual models, and strategies and their application in public health communication and promotion.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6586 - Process Experiential Learning and Specialty Practices

General
Course Description
Prerequisites: HSC6116, HSC6596, and HSC6270
Description: This course concentrates on the process of moving from a symptom management approach to facilitating a comprehensive wellness approach with options to utilize intervention strategies of spirituality, creativity, animal, and nature (SCAN) intervention practices. Integration of traditional theories of evidence-based practices will be explored and applied to creative experiential techniques in the office as well as in a non-traditional natural environment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6587 - Public Health Program Planning

General
Course Description
Description: This course examines the essential principles of planning and evaluating public health programs. Students will gain knowledge and skills in needs assessment, program planning, implementation, and evaluation. Emphasis will include data-driven decisions, cultural competence, and budget and resource management.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6596 - Advanced Clinical Integrative Practices II

General
Course Description
Prerequisite: HSC6116
Description: This course focuses on the process of client intake through diagnosis. The integration of spirituality, creativity, animals, and nature along with the introduction of exercise and nutrition as interventions, will serve as key strategies for establishing a holistic wellness treatment plan for behavioral health care management. Theories in human development, family systems and trauma-informed care will be expanded to guide theory application into practice. To address student self-care needs as a mental health professional, the student will conduct a self-assessment need resulting from the impact of a personal history of trauma and cultural influences that can impact the provider/client relationship.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6601 - Animal Assisted Services in Healthcare and Education

General

Course Description
This course provides a historical and theoretical foundation for the inclusion of animals adjunctive to traditional practices in healthcare and academic settings. An overview of training and practice standards, techniques, ethics, and animal welfare issues that impact the practice of AAS are addressed. Students explore the nature of their relationships with animals and nature and examine AAS-related careers or disciplines of interest in health and or education professions. The student will explore the evidence-based practice of AAS relative to their chosen field and demonstrate learning and integration of knowledge into their chosen profession.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC6603 - Theoretical Foundations of Behavior Change

General

Course Description
Description: In this course students will explore the theoretical and conceptual models and factors underlying health behavior and health promotion programs, as well as their application in planning, implementing, and evaluating public health programs for behavioral change.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC6604 - Applied Group Interventions in Integrative Behavioral Healthcare

General

Course Description
Prerequisites: HSC6116 and HSC6596
Description: This course focuses on the application of behavioral care needs within systems, groups, and family dynamics interventions. Organizational, group, and family structural theories will be applied throughout the creation of group intervention practices. The student will acquire skills to facilitate cooperative case management with other healthcare providers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HSC6625 - Global Health

General

Course Description
Description: This course will examine the principles, current trends and practical applications of key global health strategies. This is an interdisciplinary study designed for students who are looking to gain real life skills and insights that can be translated directly into practice.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6675 - Global Health: Water, Sanitation and Hygiene

General
Course Description
Description: This interdisciplinary course teaches students about the function of water, sanitation, and hygiene (WASH) in global health. Students will learn how human behavior, sociocultural and economic status, gender and age, environmental engineering and sustainable practices, innovation and technology, policy and governmental response, One Health, climate change and ecological drivers, pollution and pathogens, and WASH-centered research and interventions influence the global health community's efforts to provide clean, safe, accessible, and affordable water and sanitation to all.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6705 - Integrative Behavioral Health Program Evaluation Methods

General
Course Description
Prerequisite: HSC6270
Description: This course explores the process of evaluating the impact of organizational change within a clinical practice setting. Students will identify and use qualitative measures and quantitative measures to evaluate the impact of the change on the organization dynamics, the population served, and/or the staff. They will validate if change occurred because of the intervention implementation. Stakeholder identification and communications will be addressed to incorporate the process of facilitating positive change in community agency practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6716 - Health Program Evaluation

General
Course Description
This course focuses on principles and methods employed in program evaluation and evaluative research. Issues of conceptualization and design in evaluation are emphasized. The course also addresses operational procedures used in evaluation studies ranging from identification of variables to instrument design and use of findings. The course reviews applications of evaluative research in health services decision making.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

HSC6735 - Public Health Research

General

Course Description
Description: This course is a study of the research process and its application to health science. Emphasis will be given to interpreting and evaluating contemporary health-related research reports, and to the components of a research proposal. Class lectures, discussions, student presentations and projects, required readings and outside assignments are designed to assist in building an appreciation of the importance of research in the solution of health problems and acquiring the skills needed to read, comprehend, relate and apply research reported in the health science professional literature.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6755 - Data Analysis for Health Disparities

General
Course Description
In this course, students will learn quantitative and qualitative methods for investigating health differences. Students will develop skills in 1) data collection, retrieval, and management, 2) descriptive analysis and visualization, 3) bivariate statistical inference, 4) geospatial imaging, 5) assessing measurement tools, and 6) prioritization methods. The course emphasizes social, economic, environmental, cultural context, and lifestyle factors that contribute to differences in morbidity and mortality.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HSC6816 - Field Experiences in Health

General
Course Description
Prerequisite: Approval of department advisor.
Description: The application of methods, techniques and materials used in community and school health.
Repeatability: May be repeated up to 18 credits.

Credit Hours
Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
2

HSC6906 - Independent Study and Research

General
Course Description
Prerequisite: Permission of department chair. A specific health related research project conducted under the guidance of a faculty advisor. May be repeated up to 15 credits.

Credit Hours
Credit Hours:
3

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
9

Contact Hours
Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Billing Hours Max:
9

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
9

Other Hours
Operator:
TO

Number Of Repeats:
4

HSC6931 - Special Topics

General

Course Description
A detailed study of a topic in the health science field. Topics will vary each time the course is offered and will be based on a current health issue or subject. May be repeated up to 12 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

HUM2020 - Introduction to Humanities

General

Course Description
In this course, students will learn about the creative ideas and accomplishments of various cultures in various fields of humanities that may include art, architecture, drama, history, music, literature, philosophy, and religion. The course will include cultural expressions from the western canon and may also include expressions from around the globe.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUM3524 - (FC) Great Age of Vienna

General

Course Description
Description: This course is an examination of the music and art of Vienna during the 18th and 19th centuries against the cultural and social background of this city which reigned as one of the artistic centers of the world. This is a survey course taught in lecture format.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN2201 - Basic Principles of Human Nutrition

General

Course Description
Description: HUN 2201, Basic Principles of Nutrition, is an introductory course in food and nutrition science relative to the health and well-being of the individual and the community. The functions and chemical composition of the essential nutrients, and how they are processed and utilized in the body are discussed.

Dietary habits, nutrient requirements, food choices, healthy eating practices, menu planning, shopping for food and food preparation are studied. Myths and misinformation about nutrition are identified and evaluated based on the scientific evidence.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN3014 - Nutrition and Fitness

General

Course Description
Prerequisite: HUN 2201
Description: This course provides students with an introduction to nutrition strategies related to fitness and physical activity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN3230 - Metabolism of Macronutrients

General

Course Description
Prerequisites: HUN 2201 , CHM 2045, CHM 2045L, BSC2085C, BSC2086C, BCH3023, and BCH3023L Co-requisites: FSS 1202 AND FSS 1202LDescription: This course covers the advanced study of macronutrients (carbohydrates proteins and lipids) fiber and energy as well as their function in relation to human requirements. Advanced concepts of macronutrients and fiber digestion, absorption and metabolism, as well as energy metabolism, food sources, human requirements and biochemical markers of nutrient deficiency/excess will be discussed. The concepts of energy balance, regulation of food intake, overnutrition, disordered eating, chronic disease (diabetes, hypoglycemia, obesity and cardiovascular diseases), physical activity and its implications for human health will be covered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN3231 - Metabolism of Micronutrients

General

Course Description
Prerequisite: HUN 3230This course covers the advanced study of micronutrients (vitamins, pseudovitamins, minerals, trace and ultratrace elements) and their function in the body systems in relation to human requirements. Micronutrients digestion, absorption, metabolism, food sources, human requirements and biochemical markers of nutrient deficiency/excess will be discussed. Advanced concepts in acid-base and fluid-electrolyte balance, water and its role in blood pressure and volume regulation will be covered. The role of micronutrients in bone health, immunity, energy metabolism will be discussed. The role of phytochemicals and antioxidants in the prevention of chronic diseases (cancer and cardiovascular diseases among others) will be covered.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN3403 - Life Span Nutrition

General
Course Description
Prerequisite: HUN 2201
Description: Students will assess nutrient needs of individuals at different stages of the life cycle and plan menus that meet their nutritional needs.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN3534 - Food as Medicine

General
Course Description
Prerequisite: FSS 1202, FSS 1202L and HUN 2201
Description: This course explores the current role of food in disease prevention and treatment and examines the role of food in community nutrition assistance programs. Students will examine evidence-based food and nutrition recommendations as it relates to wellness and community interventions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN3800 - Nutrition Science Research and Ethics

General
Course Description
Prerequisites: STA 2014, HUN 2201
Description: This course is designed to develop basic skills related to finding, reading and applying research findings in the field of nutrition & dietetics. Students will conduct a literature search and develop a literature review. The course also provides an overview of the ethical considerations involved in human research and the concept of evidence-based dietetic practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN3900 - Research Experience in Nutrition

General
Course Description
Description: This course is an elective course that will meet the needs of nutrition students who want to be involved in research. Students will obtain hands-on experience by working on different aspects of the scientific method, including: formulating hypotheses, designing experiments, interacting with research

participants, conducting laboratory experiments, interpreting results, preparing scientific presentations, reports or any other research-related documents. This course is repeatable for up to 3 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
98

HUN4016C - Nutrition Counseling and Communication

General

Course Description
Prerequisites: HUN 2201 HUN 3230, HUN 3231
Description: Through lecture, lab and video recording activities, students will describe theories related to communication, motivation, and nutrition counseling and apply basic nutrition counseling methods to the conduct of nutrition interviews and counseling sessions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

HUN4601C - Nutrition Education

General

Course Description
Prerequisite: HUN 2201 Description: Through lecture and lab activities, students will describe learning theories applicable to nutrition education, plan nutrition education sessions, develop nutrition education materials and work with instructional media in preparation for group and individual nutrition education. Students will modify nutrition education materials for varied population groups.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

HUN4614 - Nutrition Communication

General

Course Description
Prerequisite: HUN 2201 and HUN 3403
Description: This course describes theories related to communication, motivation, and behavior change related to nutrition. Students will utilize and develop a variety of communication strategies to disseminate nutrition information to a variety of populations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN6123 - Sociocultural Influences on Nutrition

General

Course Description
Prerequisites: Must have a baccalaureate degree in Nutrition and/or Dietetics from an ACEND accredited program.
Description: Examination of the non-nutritional factors that influence nutrition. The course will cover evolution of diet, food selection, persistence and change, psycho-social, structural and symbolic aspects of food choices and their relationship to nutrition.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN6249 - Nutrition and Metabolism

General

Course Description
Description: The biochemical, biosynthesis, and metabolic function of macronutrients and micronutrients in different tissues, and the production and storage of energy are studied. Biochemical basis for deficiency and toxicity of micronutrients are explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN6408 - Nutrition Through Life Span

General

Course Description
In-depth investigation of the nutritional and educational requirements throughout the life cycle using an interactive approach. Critical thinking and problem-solving skills are enhanced through discussion, reflection, and a cross-cultural supervised experiential learning at a community agency.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN6522 - Advanced Public Health Nutrition

General

Course Description
Prerequisite: HUN 2201 or equivalent course. Students will describe and critique existing nutrition programs, evaluate the positive and negative impact of public health nutrition initiatives, and examine the role of legislative, political processes and social marketing processes in achieving social nutrition goals.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN6523 - Community Nutrition

General
Course Description
This course will provide students with a comprehensive review of program planning, policies, resources, and supervised experiential learning specific to community nutrition. Additionally, the resources available to providing and implementing nutrition programs for various populations and how to assess those interventions will be addressed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN6612 - Nutrition Education and Counseling

General
Course Description
Prerequisite: Must have a baccalaureate degree in Nutrition and/or Dietetics from an ACEND accredited program
Description: Students will examine different approaches to nutrition education and develop materials and presentations. They will conduct and critique mock interviewing and counseling sessions to persons with different nutrition needs and evaluate follow-up and evaluation techniques

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN6615 - Advanced Nutrition Counseling Skills

General
Course Description
Prerequisite: HUN6612
Description: This course provides instruction and experiential learning in nutrition counseling and education to promote health behavior change among individuals and groups. Students examine factors impacting behavior change, including cultural considerations, health literacy, psychological and social determinants of health. Students apply interviewing, counseling and education theories and strategies, with an emphasis on motivational interviewing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN6910 - Nutrition and Dietetics Research

General

Course Description
Prerequisite:HSC 4730 Foundations of Health Science Research
This course teaches the investigative and analytical methods used in nutrition and dietetics related research. The course reviews research design, sampling techniques, data collection and processing, and interpretation of the results and ethics. The course includes synthesis of findings within the research for application to clinical practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

HUN6911 - Nutrition and Dietetics Seminar

General
Course Description
This course is a culminating experience in which students demonstrate expertise in a selected line of inquiry related to nutrition and dietetics research. Students will present a peer and faculty reviewed professional presentation. Students must also successfully pass a mock Registration examination to demonstrate expertise in all areas of the discipline. The course may be repeatable up to 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

HUN6916 - Advanced Concepts in Nutrition and Dietetics

General
Course Description
Prerequisite: HUN 2201, BCH 3023C, CHM 1025C
Description:An analysis of current research on nutritional concerns relevant to public health practice. Included are nutrition policy and
nutrition program design, community food and nutrition programs, and advanced strategies of nutrition education.
Course Fees: $16.83

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

HUN7219 - Advanced Concepts in Clinical Nutrition

General
Course Description
Description: The purpose of this course is to evaluate the status of current practice in clinical nutrition. Students examine current issues surrounding evidence-based clinical practice and analyze their implications for patient care.
Availability: One semester per year

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN7518 - Advanced Concepts in Public Health Nutrition

General
Course Description
Description: This course is one of the foundation courses for the DCN program. This course examines current issues in public health nutrition and applies them to practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN7525 - Advanced Nutrition Leadership and Public Policy

General
Course Description
Description: Students examine their own leadership qualities and evaluate skills needed for leadership roles in nutrition and dietetics. The management and leadership principles presented are examined in the context of current public policy issues.
Availability: One semester per year.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN7548 - Nutrition for Global Health

General
Course Description
Description: The course is focused around global nutrition initiatives, programs, and policies, with the aim of identifying the geographic distribution, epidemiology, sociocultural and economic context, underlying causal mechanisms and pathways, and solutions to the wide range of nutrition problems faced by populations around the world.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

HUN7625 - Advanced Nutrition Counseling

General
Course Description
Description: This course provides an overview, analysis, and application of counseling theories and techniques to complex situations related to nutrition and dietetics within the context of the nutrition care process. Students examine different and emerging approaches to nutrition counseling and develop techniques for varied populations.
Availability: One semester per year.

Credit Hours
Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7638 - Teaching Nutrition in Higher Education

General

Course Description
Description: The course is focused around teaching nutrition in higher education. We will explore principles of pedagogy, learning theories,how learning works, strategies for designing courses, innovative teaching techniques, and evaluation

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7645 - Current Trends in Nutrition and Dietetics

General

Course Description
This course will explore emerging topics in nutrition and dietetics that will likely play an important role in the future of dietetics practice. This course includes topics such as integrative and functional medicine and implications for dietetics practice, social media, sustainability, and bioinformatics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

HUN7788 - Nutritional Genomics

General

Course Description
Description: This course will explore the relationship between genetic variation and dietary response to nutrients, as well as examine the effects of nutrients and food components on gene expression and genome stability, and how these may affect health outcomes. Students will evaluate recommendations from commercial companies providing direct-to-consumer genetic testing and assess the implications to dietetics practice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7803 - Advanced Topics in Nutrition Science

General

Course Description
Description: The purpose of this course is to review and evaluate current and emerging topics in nutrition science. Topics and assignments will vary according to the latest research.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7808 - Qualitative Methods in Nutrition Research

General

Course Description
Description: In this course, we will explore what it means to utilize qualitative methods in nutrition research. We will do this by: (a) interrogating various readings, (b) interacting with qualitative researchers, (c) practicing qualitative techniques, (d) collecting data (or acquiring existing data), (e) analyzing those data, (f) beginning to write like qualitative researchers, and (g) engaging in rich discussions throughout the semester. This course will provide participants with basic understandings about qualitative research (what it is, and why it is used), its philosophical underpinnings and associated assumptions, and different types of research methods and analytic techniques that fall under the qualitative umbrella.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7820 - Advanced Concepts in Nutrition and Wellness

General

Course Description
Description: The purpose of this course is to review and analyze nutrition research related to prevention and wellness and its application to practice.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7830 - Research Methods I

General

Course Description
This course is designed to assist students in developing a deeper understanding of evidence-based practice (EBP) in dietetics. Knowledge of the fundamentals of research design and EBP in dietetics is critical for RDNs to become better consumers and producers of scholarly literature to contribute toward the advancement of the dietetics profession and improved global health.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7831 - Research Methods II

General

Course Description
Prerequisite: HUN7830
Description: The course will cover elements involved in the development, preparation, submission and review of grant applications to a variety of funding sources including public institutions and private foundations.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7832 - Survey Design and Validation

General

Course Description
Prerequisites: HUN7830 and HUN7831
Description: This course provides the knowledge necessary for students to develop quantitative surveys to collect data on a variety of nutrition-related topics, from the basic concepts of survey design to the implementation, distribution and validation of surveys. Students will learn how to develop and validate surveys using software such as Qualtrics, and IBM® SPSS®.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

HUN7939 - Doctoral Seminar in Nutrition

General

Course Description
Prerequisite: HUN 7985
Description: In this course students develop a presentation based on the findings from their doctoral research project and present that information at a professional conference or health care research colloquium.
Repeatability: This course may be repeated up to a maximum of 5 credits.
Availability: One semester per year

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
4

HUN7943 - Advanced Practice Residency

General

Course Description
Description: The DCN Advanced Practice Residency (1 - 6 Credits) will provide comprehensive, evidence-based didactic and experiential education that develops the students' advanced practice skills in a specific focus area. Students must register for a total of 6 credits during the program.
Repeatability: This course may be repeated up to a maximum of 8 credits.
Availability: Every semester

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
7

HUN7981 - Pre-Doctoral Dissertation

General

Course Description
Co-requisite: NGR 7843
Description: This course will provide tools and resources to prepare you to develop your dissertation proposal and successfully defend it. In order to register for this course, students must have completed all course work in the research core.
Repeatability: This course may be repeated up to a maximum of 8 credits.
Availability: Every semester.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
7

HUN7985 - Doctoral Dissertation

General

Course Description
Prerequisite: HUN 7981 and NGR 7843
Description: This course will provide tools and resources to prepare students to write their doctoral dissertation. Students can register for a minimum of 1 credit to a maximum of 9 credits over one to four semesters, depending on the requirements of their research.
Repeatability: This course may be repeated for a total of 11 credits.
Availability: Every semester

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
10

IDC2000 - The Beauty and Joy of Computing

General

Course Description
Description: The course focuses on teaching students some of the Big Ideas of Computing such as abstraction, design, recursion, concurrency, simulations, and the limits of computation. The course also provides a historic perspective of Computing and where it is heading. Throughout the course, we will emphasis the relevance of Computing to the students, their future studies, their careers, and society. In this course students will learn Python as the programming language to deliver the concepts. Given that data is pervasive and the need to analyze data is in almost every discipline, learning Python that early will enable students to conduct data analysis which will be helpful for their studies at UNF and in their careers.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

IDC2002 - AI for All

General
Course Description
This course is designed to introduce the concept of Artificial Intelligence (AI) and what AI is not. Students will be exposed to the potential of AI in the completion of everyday tasks, and the prospect of enhancing existing jobs and introducing new professions. Student will gain hands-on experience using online AI tools and techniques, while addressing the ethical implications of AI in academia and industry, including privacy, fairness and plagiarism.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

IDC6015 - Computational Thinking in Elementary STEM Plus C Environments

General
Course Description
Description: This course introduces students to strategies for fostering learners' computational thinking using problem solving, introductory coding, and digital tools in elementary environments.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

IDH1923 - Honors First Year Colloquium

General
Course Description
Description: There are two distinct but connected parts of this course. First, the course introduces students to college through activities, mentoring, and assignments that develop skills for academic success and personal well-being. Second, the course introduces students to interdisciplinary perspectives on questions relevant to a wide range of disciplines, offering high-impact experiential learning opportunities in diverse fields, including undergraduate research, service-learning, and targeted internships, while developing leadership, collaboration, and professional abilities that prepare students for success in their majors.Course Fees: $40

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

IDH2406 - (H) Psychosocial Aspects of Violence

General

Course Description
Prerequisite: Admission to the Honors Program. Few if any individuals escape violence in some form. Whether it is school violence, domestic violence, gang violence, stalking, or even serial killings, each of us are exposed to violence. This course examines psychological, sociological, biological, and physiological consequences of the violence. Gordon Rule Additional Writing credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

IDH2931 - Honors Special Topics

General

Course Description
This course will present selected interdisciplinary topics. Subjects will vary according to the instructor.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
11

IDH2934 - (H) Honors Special Topics

General

Course Description
Prerequisite: Admission to the Honors Program. This course will present selected interdisciplinary topics. Subjects will vary according to instructor. This course may be repeated for up to 4 times for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

IDH2935 - Honors Selected Topics

General

Course Description
Prerequisite: Admission to the University Honors track. Selected topics. Offerings have included: Image Culture; Moral Decision Making for the 21st Century; Care of the Soul on Campus; Food and the Popular Media; Great Books; Classics from East to West.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
6

IDH3632 - (GW)(H) Service Learning: Environmental Issues

General

Course Description
Prerequisite: Admission to the Honors Program. During this colloquium, students will experience service through various service or educational organizations. All students will participate in service at an assigned site three hours per week. Students will choose in the beginning of the semester where they wish to participate in service and will have the opportunity to look at various issues related to the environment. Serving weekly, students will learn first-hand the challenges facing environmental organizations and or awareness education and see how they can directly impact and make a difference. This alone does not constitute service learning; it is how one integrates this experience into themselves and their thinking.
Gordon Rule Additional Writing credit.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
2

IDH3924 - Hicks Honors Pre-Capstone Symposium

General

Course Description
Description: This course is a required introduction to the upper-division Hicks Honors College program, and focuses especially on the Capstone. The course also develops the Honors community, acquaints students with the requirements of the upper-division Hicks Honors program, provides a complete overview of the resources provided through the program, guides students in mapping out their specific curricular and co-curricular paths, and introduces them to the expectations of the e-portfolio and Capstone requirements. It may also focus on different academic themes. Participation in Honors-sponsored events outside of class time is expected. The course should be taken the semester in which students begin the upper-division Hicks Honors program.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
0

Lecture Hours Max:
1

Lecture Hours Operator:
TO

Number Of Repeats:
98

IDH3930 - Interdisciplinary Honors Seminar: Topic

General

Course Description
Description: The purpose of the seminar is to focus on problems, current issues, or topics of interest and relevance. Course content and subject are variable.
Repeatability: May be repeated for a maximum of 6 hours.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
0

Lecture Hours Max:
1

Lecture Hours Operator:
TO

Number Of Repeats:
5

IDH3932 - Jr. Honors Interdisciplinary Seminar

General

Course Description
Prerequisite: Admission to the Interdisciplinary Honors track. Corequisite: Maintain a 3.4 UNF cumulative GPA. A junior-level, interdisciplinary seminar offering a collaborative experience in which each student pursues a term-long project related to their particular major or to their prospective career. Course subjects vary from term to term.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

IDH3936 - Honors Pre-Capstone Seminar

General

Course Description
Prerequisite: Current Honors student in good standing; IDH 1923
Description: The Pre-Capstone Seminar will help students identify an appropriate project topic, understand the motivation and purpose of the capstone process, identify a capstone faculty member, and complete the pre-capstone proposal. The Capstone Project will be completed in the junior and/or senior year, but students may begin thinking about potential projects prior to that time.
Availability: Two semesters per year

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours Min:**
0

Lecture Hours

Lecture Hours Min:
0

Number Of Repeats:
0

IDH4912 - Honors Directed Independent Study

General

Course Description
Prerequisite: IDH 1923Description: The Honors Directed Independent Study allows Honors students to become involved in one-on-one interaction with a faculty member on a project in their discipline or across disciplines. The faculty member, in consultation with Honors, will determine the number of credits.Repeatability: May be repeated to a maximum of 9 hours.Availability: Every semester

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
7

IDH4937 - Honors Capstone Seminar

General

Course Description
Prerequisite: Current Honors students; IDH 1923 and IDH 3936
Description: The Honors Capstone should provide students with the occasion to think holistically about their university education, their Honors experience, the

goals of Honors, and their future ambitions. The Honors Capstone will typically be a credit-bearing activity pursued in the context of advanced coursework, or an internship, or a research project, or perhaps study abroad, in conjunction with a student's major. For that reason, every capstone project requires a discipline-based mentor who must attest to the appropriateness of the learning outcomes of the proposed project and to the satisfactory attainment of those outcomes (in the post-capstone report phase). In addition, each Honors student will work with an one of three Honors mentors who will review the anticipated relevance of the proposed project to the goals of Honors and the actual resonance between the completed project and the goals of Honors.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

IDH4946 - Honors Internship

General

Course Description
Prerequisite: Current Honors student in good standing; IDH 1923
Description: The Honors Internship options allows Honors students to complete an internship in their discipline (if an appropriate internship course is not available by the appropriate department) or across disciplines. The faculty member, in consultation with Honors, will determine the number of credits.
Availability: Every semester

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

IDS1932 - First Year Interdisciplinary Writing Seminar

General

Course Description
This course is a first-year writing seminar that blends topics, issues, and knowledge from two or more disciplines, including Writing Studies. This course is intended for students interested in topics ranging from history to art to science and technology to business and is designed exclusively for first-year students.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
3

IDS2931 - Venture Studies: Community Based Special Topics

General

Course Description
Variable Topics in Community Based Learning. This VS-formatted General Education class is open to all students. Regardless of the discipline-specific topic covered, the course continues to develop critical thinking skills through the

mode of Reflective Judgment and continues to apply classroom learning to real world situations through a deeper community-based learning focus.

Credit Hours

Credit Hours:
3

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
3

Billing Hours Max:
9

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
9

Lecture Hours Operator:
TO

Number Of Repeats:
2

IDS3053 - Introduction to Interdisciplinary Inquiry

General

Course Description
Description: This course provides an introduction to Interdisciplinary Studies, and to the IDS major at UNF. Students will explore the history of interdisciplinary studies, and will examine the theoretical perspectives and methodological approaches that different disciplines bring to bear on a line of inquiry. The course also helps to prepare students for the research, writing, and oral communication tasks found in advanced coursework in the major. In addition, this course involves a variety of individual and group advising components to help students plan their academic work within the major, develop their programs of study, and investigate their capstone options. Students should take this course as early as possible in their career. This course is required for the theme-based interdisciplinary studies major.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

IDS3949 - Interdisciplinary Studies Internship

General

Course Description
Prerequisite: Acceptance in cooperative education program. Description: This course is an approved internship in a field related to the student's program of study. This course may be used to satisfy the capstone requirement for Interdisciplinary Studies majors. The course is repeatable for up to 6 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

IDS3951 - Venture Studies Threshold Project

General

Course Description
The Threshold Project, the third part of the Venture Studies Program, is an opportunity for students to demonstrate their facility with Reflective Judgment, the mode of intellectual engagement that underwrites the Program. Threshold Project courses will explore a significant and complex question raised within the student's Venture Studies course work or within the student's General Education experience. The project will demonstrate that the student understands the multidimensional nature of any significant question, and will point toward future study necessary to more fully understand the complexity of the question. The project is not intended to answer the question, but to explore the dimensions and implications of the question from the perspective of at least two disciplines. Students positioned at this threshold between Venture Studies and

more specialized work within a major will make explicit their recognition that any seemingly complete answer to a question is always situated within the terms and limits of a discipline or a particular world view, and they are bidden to be both expert within their chosen field's terms and aware of their limits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

IDS4890 - Interdisciplinary Studies Capstone

General

Course Description
Prerequisite: IDS 3053, for Interdisciplinary Studies Majors only, consent of instructor required, and students should have senior standing .Description: Registration in this zero to one credit course records an Interdisciplinary Studies major's completion of the required capstone project. All students majoring in Interdisciplinary Studies must enroll in this course during the semester in which they complete their capstone project (see the Program of Study for more information). Students choosing capstone projects 1 or 2 that involve significant reflective and summative components should register for the zero credit option. Students choosing option 3, or another option without significant reflective and summative components, should register for one credit and during the course will construct a portfolio based on their major theme.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
0

Lecture Hours Max:
1

Lecture Hours Operator:
TO

Number Of Repeats:
98

IDS4910 - Liberal Studies Exposition

General

Course Description
A major research effort, culminating in a paper, project, or public presentation related to the student's declared major theme. Student must have prior approval for the exposition from the department chairperson. May be repeated up to 9 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**

Min:
3

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
2

IDS4914 - Biomedical Research for U-RISE

General

Course Description
U-RISE fellowship students will gain research training in a basic science laboratory under the direction of a scientist mentor. The techniques used include those within the fields of molecular and cell biology, genetics, and biochemistry. Students will learn to plan, conduct, and analyze experimental results. Results will then be presented in written and oral formats. Departmental Permission required. This course is for students who have been admitted into the U-RISE fellowship program.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
7

INP4004 - Industrial Organizational Psychology

General

Course Description
Prerequisite: SOP 3004
Description: This course addresses the application of psychological theory and practice to problems in the world of work, including exploration of selection strategies, training procedures, performance appraisal techniques and the problems of leadership, communication, decision-making and motivation. Emphasis will be placed on the potential compatibility of the individual and the organization in a rapidly changing world.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR2002 - Introduction to International Relations

General

Course Description
Basic introduction to international politics and relations concentrating on describing the various ways nations interact with one another, how the world community looks at national power and how nations and the world community define and protect the national interest. In addition, the course examines and analyzes the role of international organizations in contemporary organizations in contemporary world politics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR3016 - Global Issues in Contemporary Politics

General

Course Description
This course promotes the understanding and analysis of significant trends in the emerging new world system and relates those trends and events to domestic politics and society in other nation states. The course also compares and analyzes comparative trends in political institutions, systems and changes in public policies in the world community.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR3084 - Terrorism Today

General

Course Description
This course covers the politics, ideologies, capabilities and countermeasures of global terrorism today. The course traces the history and development of terrorism around the world, examines the factors which make terrorism an effective and economical political tool for the achievement of specific goals, explores terrorist organizations, and assesses the various weapons and delivery capabilities of today's terrorists. Finally it examines and evaluates strategies and tactics for the suppression of terrorist activities and the reduction of effectiveness of terrorist actions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR3153 - American Foreign Policy in the Middle East

General

Course Description
Description: This course will examine the formulation and implementation of American policies towards the Middle East, with special emphasis on the period following World War II. It includes the study of the various American actors, organizations and government agencies involved in influencing the formulation of American policies towards the region. Students will analyze various instances in which the US has intervened in the region: diplomatically, economically, and militarily. The successes and/or failures of these interventions will be assessed against the backdrop of stated American goals.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

INR3443 - International Law and Organization

General

Course Description
Prerequisite: INR 2002. This course examines the role of international law and international organizations in the global political system. It explores the effects of international law and the activities of international organizations, including the United Nations and NGOs, against a backdrop of current issues of international importance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

INR4102 - Real World Policy

General

Course Description
The course is designed to provide an in-depth study of today's foreign policy challenges and the American policy-making process. The course will cover: how government works, with a focus on the National Security Council; an overview of today's foreign policy debate; how to write a paper and a memo to the president; and how to write an op-ed. Topics will include: hot issues (Ukraine, cybersecurity, Iran, current affairs as they develop), nonproliferation (nuclear issues, Iran, North Korea), Big emerging powers, MINTS/BRICS (China, Russia, India, Turkey, Brazil, South Africa), Africa's other key countries (the Sudan, Congo, Nigeria, others), Environment (climate, water, food crisis), Trade, the Middle East, Africa, and Latin

America. Mid-semester, the class will decide on a specific issue on which to push for a US policy change and develop an in-depth paper on it to present to officials in Washington, DC.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR4243 - International Politics of Latin America

General

Course Description
Description: This course will analyze the international politics of Latin America. Special emphasis will be put on the relations between Latin American countries and the United States, though inter-American relations and Latin America's relations with non-hemispheric powers will also be examined. Such issues as trade, immigration, poverty and development, the environment, and the "War on Drugs" will also be considered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR4334 - American National Security and Defense Policy

General

Course Description
Foreign policy decision-makers face a world in a seemingly constant state of crisis. Our globalized and interconnected society forces policy-makers to understand and rapidly respond to events in a way that furthers national interests. This course provides students with the tools necessary to identify and understand the actors involved in security and defense policy, the international and domestic contexts they operate in, the constraints under which they act, and the instruments they wield. It explores the national security and defense decision making process in the United States, including the role of national security policy makers, the instruments of national power, and the key models and policy debates surrounding foreign policy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR4344 - European Security in a Globalized Society

General

Course Description
For centuries Europe has been a key driver of global civilization, security, commerce and culture, and in myriad ways has shaped the United States and our world: the nation-state, capitalism, industrialization, democracy, the arts, technology, and science. In the modern era of globalization, when so many other issues have come to the fore, from China to terrorism to climate change, understanding Europe remains central to understanding international affairs, ourselves, and our future. This course focuses on Europe's security as the lens through which to understand its history and role in the world, and its relationship with the United States. Topics addressed include European history, from Westphalia through the Cold War; and contemporary issues in European security, including Russia, immigration, NATO, and the European Union.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR4603 - International Relations: Frameworks for Analysis

General

Course Description
Prerequisite: INR 2002. In this course students will study and apply the most important theories of international relations against the backdrop of current international politics, including realism/neorealism, liberalism/neoliberalism, and constructivism. Key concepts such as power, states, international organizations, war, and economics will be placed within the context of these frameworks for analysis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

INR4703 - International Political Economy

General

Course Description
IPE synthesizes methods and insights derived from the social sciences to understand the complex issues faced in the international political economy today. The course considers topics such as world trade, the international monetary system, economic development, world hunger, multinational corporations, international energy policies, global security, transitional economies, and the European Union from three perspectives-economic, nationalism, economic liberalism and structuralism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

INR5105 - Real World Policy

General

Course Description
The course is designed to provide an in-depth study of today's foreign policy challenges and the American policy-making process. The course will cover: how government works, with a focus on the National Security Council; an overview of today's foreign policy debate; how to write a paper and a memo to the president; and how to write an op-ed. Topics will include: hot issues (Ukraine, cybersecurity, Iran, current affairs as they develop), nonproliferation (nuclear issues, Iran, North Korea), Big emerging powers, MINTS/BRICS (China, Russia, India, Turkey, Brazil, South Africa), Africa's other key countries (the Sudan, Congo, Nigeria, others), Environment (climate, water, food crisis), Trade, the Middle East, Africa, and Latin America. Mid-semester, the class will decide on a specific issue on which to push for a US policy change and develop an in-depth paper on it to present to officials in Washington, DC.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR5449 - International Law and Organization

General

Course Description
Description: This course exams the role of international law and international organizations in the global political system. It explores the effects of international law and the activities of international organizations, including the United Nations and NGOs, against a backdrop of current issues of international importance. Such issues might include conflict, genocide, global health, human rights, or terrorism.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INR6330 - Contemporary American Foreign and Security Policy

General
Course Description
Description: Students in this course will first examine the principles that are the basis of contemporary American foreign and security policy. This examination will then lead to an analysis of recent successes and failures in the application of these policies. From this point, students will apply lessons learned to the articulation of American interests and goals in its relations with other countries, international organizations and actors on today's global scene. Students will identify important challenges that America faces as it works to achieve its political and economic goals, and the threats against America and its allies that require attention.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INR6607 - International Relations Theory

General
Course Description
Description: There are no prerequisites for this course. In this course, students will learn the major theories and approaches to understanding international relations, including Realism, Liberalism, and Constructivism, among others. The course will consider the history of international relations as a field of study, including the scholarly debates that center upon international relations theory. Students will study how these theories and approaches apply to current global issues, events, and leaders.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INR6705 - International Political Economy

General
Course Description
Description: There are no prerequisites for this course. This is a graduate seminar designed to synthesize methods and insights derived from the social sciences to understand the complex issues faced in the international political economy today. It serves as a high-level introduction to current research in the subject area of economic globalization. It takes a multi-disciplinary approach to understanding complex issues such as world trade, the international monetary system, economic development, multinational corporations, international environmental policies, global security, and world financial crises.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INR6908 - Directed Independent Study

General

Course Description
Prerequisite: Consent of MAIA graduate director.
Description: Specialized study of an issue or topic in international relations, directed by a faculty member specializing in that topic.
Repeatability: This course may be repeated for up to 6 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

INR6938 - Special Topics in International Affairs

General

Course Description
Prerequisite: Permission of instructor.
Description: The course topic will vary.
Repeatability: This course may be repeated up to 6 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

INR6946 - Field Experience in International Affairs

General

Course Description
Prerequisite: Permission of the MAIA graduate director.
Description: Students choosing to undertake an internationally-oriented internship or study abroad program will successfully complete their field experience and submit an essay reflecting upon the experience to a faculty supervisor. For students who study abroad and earn at least 3 credits from an institution abroad, this required course may be taken for zero credits. All other students must take a minimum of 3 credits. Students who do not complete their field experience after the minimum 3 credits required, this course may be repeated in one-credit increments for a total of 6 credits. Continual enrollment in Field Experience (summer exempted) is required until the experience and essay have been approved.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

INR6971 - Thesis

General

Course Description
Prerequisite: Permission of the MAIA graduate director.
Description: In this course, students will complete MA thesis research and writing under the supervision of a faculty advisor and committee. Students must complete a minimum of 3 credits of thesis research. For students who do not complete their thesis after the minimum 3 credits required, this course may be repeated in one-credit increments for a total of 6 hours. Continual enrollment in Thesis (summer exempted) is required until the thesis is completed.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

INS3003 - Introduction to International Studies

General

Course Description
Description:This course provides an introduction to the International Studies major at UNF. Students will explore the history of International Studies, and will examine the theoretical perspectives and methodological approaches that different disciplines bring to this field. This course also prepares students for the advanced research, writing and oral communication tasks they will undertake in their coursework in this major, and in particular, in INS4930 International Studies Senior Research Seminar. In addition, this course involves a variety of individual and group advising components to help students plan their academic work within the major, develop plans for completing the foreign language and international educational experience requirements, as well as investigate internship possibilities, graduate programs and professional career paths. Students are required to take this course during their first semester in the International Studies Program.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INS3950 - International Educational Experience

General

Course Description
Prerequisites: For International Studies majors only. Consent of instructor required. Registration in this zero credit, pass/fail course records an International Studies major's completion of the required study abroad or other international educational experience. All students majoring in International Studies, including all concentrations within the major, must enroll in this zero credit course during the semester in which they complete their international educational experience. Enrollment in this course is in addition to any other study-abroad related course for which they may also register.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours Min:**
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
0

INS3951 - Study Abroad Reflection and Synthesis

General

Course Description
Description: Students in this course will reflect critically upon their study abroad experiences and synthesize their learning. In doing so, they will employ tools that may include journals, blogs, social media, photography, video and essays, as agreed upon by the student, the director of the International Studies Program, and, as appropriate, the faculty study abroad leader. Student work must complement or expand upon, not duplicate, assignments otherwise required as part of any study abroad course. The student will register for this course during the semester of their experience abroad. This course has no prerequisite, but a student must request permission from the director of the International Studies Program, after demonstrating acceptance into a study abroad experience approved by the UNF International Center. Registration is restricted to students majoring or minoring in International Studies.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

INS4905 - Directed Independent Study

General

Course Description
Prerequisites: Permission of instructor
Independent study of student-selected topics under the guidance of the International Studies Program Director or other approved program faculty. This course may be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
11

INS4930 - International Studies Senior Research Seminar

General

Course Description
Prerequisites: Senior standing and satisfactory completion of INS3999 Introduction to International Studies and the program's core courses: ANT 3212, ECO 3701, GEO 3553, CPO 4014 or INR 4603, and ANT 4083 or ANT 4497 or HIS 3051 or POS 3733 or GIS3043.
Description: As the culminating course in the International Studies major, the senior research seminar is designed to help students synthesize their experiences in the program, as well as refine the high–level critical thinking, research, and communication skills needed for success in professional fields. Students in this course will consider a semester theme from a variety of disciplinary perspectives, and will conduct an in-depth research project of their own related to this theme.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INS4941 - International Studies Internship

General

Course Description
Prerequisite: INS 3003Description: This course provides an opportunity for students in the International Studies major to gain practical experience with a governmental or non-governmental agency or organization within the US or

abroad. The internship will consist of at least 150 hours per semester, and participants may be required to submit a journal or written reflection on their experience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

INT1000 - Introduction to Interpreting

General

Course Description
Description: In this course, students are introduced to historical foundations of interpreting, models for interpreter role and function, ethics and professional conduct, applicable state and federal legislation, interpreter credentialing, and business practices. The course provides an overview of the diverse settings in which interpreters work and the array of consumers who utilize interpreting services. American Sign Language fluency is not required as a prerequisite for this knowledge-based introduction to the field of ASL/English interpreting.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT2010 - Discourse Analysis

General

Course Description
Prerequisite: INT 1000, ASL 3514, INT 3011, and ASL 4131
Co-requisite: INT 2113
Description: This course introduces discourse analysis to deepen student awareness of and appreciation for various discourse norms and strategies used in English and American Sign Language (ASL). Students will study general discourse types, including conversations, presentations, and narratives specific to ASL and English. Students will study speech act theory and pragmatics in order to identify features of cohesion, coherence, politeness, and powerful/powerless language in oral, written, and signed texts. Students will learn how to identify the function of intent, discourse markers, rhythm, prosody, and space. Discourse structures and genres, gender differences, and framing will also be addressed. The course emphasizes relevance to meaning-based cross cultural communication.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT2113 - English and ASL Translation

General

Course Description
Prerequisite: INT 1000, ASL 3514, ASL 4131 and INT 3011
Co-requisite: INT 2010
Description: This interactive and practical course introduces sight translation for signed language interpreters as a foundational skill for conveying meaning-based, cross-cultural access to frozen texts. Students will work between American Sign Language (ASL) and English to apply such translation features as cohesion, discourse markers, spatial mapping, involvement strategies, and framing to meaning transfer of source texts. Students will develop self-analysis and peer-analysis techniques for evaluating message equivalence of sight translations. This course emphasizes cultural and linguistic literacy and ethical constraints associated with the translation process.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT2204 - Interpreting in Community Settings

General

Course Description
Prerequisite: ASL 4211, INT 2010, INT 2113, INT 3011, ASL 3514 and INT 2303Description: This course provides an introduction to a range of settings where interpreters work and teaches students to determine appropriate use of consecutive and simultaneous interpreting. Students learn terminology, register, and protocols for interpreting in specialty areas, including vocational rehabilitation, healthcare, social service, employment, and education. This course provides a foundation for using the Demand-Control Schema during communication assessment and evaluation of consumer needs, with respect for linguistic and cultural diversity and requires 20 hours of field-based experience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT2303 - Interpreting Field Experience

General

Course Description
Prerequisite: ASL 4131 and INT 1000Description: This course will introduce students to a variety of environments where interpreting services might be provided. Through observation of American Sign Language/English interpreters, shadowing working interpreters, and D/deaf/DeafBlind community involvement, students will observe the human dynamics and linguistic variations in a wide scope of settings that include meetings, classrooms, in-service trainings, one-on-one interactions, and public forums. Students will apply current codes of professional conduct to shape discussions of context-specific dynamics and decisions. The course emphasizes respect for linguistic variation and requires 60 hours of field-based experience under the supervision of a faculty advisor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT3011 - Linguistics for Interpreters

General

Course Description
Prerequisites: ASL 2150
Description: This course provides a comprehensive introduction to the linguistic structures of English and American Sign Language (ASL). The course focuses on language at the discourse level, while examining phonology, morphology, syntax, semantics, pragmatics, and sociolinguistics associated with English and ASL. Application of these linguistic topics to the field of interpreting will be addressed throughout the course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT3134 - Applied Ethics in Interpreting

General

Course Description
Description: This course examines professional ethics and codes of conduct and how they contribute to the process of ethical decision-making. Students will examine the National Association of the Deaf-Registry of Interpreters for the Deaf, Code of Professional Conduct and apply its tenets to authentic interpreting scenarios through interactive discussions and activities. Through case studies and cooperative learning, students will solidify their ability to make ethical decisions as signed language interpreters and base ethical decisions on the National Association of the Deaf-Registry of Interpreters for the Deaf, Code of Professional Conduct.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT3205 - Cognitive Processing

General
Course Description
Description: This course uses a process-oriented approach for applying the essential cognitive strategies to interpreting. These strategies include organizing and manipulating visual images, analyzing message for meaning, and self-monitoring for message fidelity through Think Aloud Protocols. Students receive instruction on accessing current literature on spoken and signed language interpreting, working memory, and cognitive load theory.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT3270 - Advanced ASL Classifiers for Interpreting

General
Course Description
Description: This course (Advanced ASL Classifiers for Interpreters) provides skill development in topic-specific classifier use for interpreters. Utilizing descriptors common to community, medical, and educational settings, students will demonstrate the ability to successfully convey major concepts in ASL, incorporating various classifiers types, locatives, and nonmanual markers. Students will increase their ability to comprehend classifiers used by deaf individuals in these settings through the use of visual gestural communication techniques, visual discrimination, and visual memory exercises.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT3271 - Interpreting Consecutive Dialogue

General
Course Description
Description: This course targets translation and consecutive interpreting skill development as students develop professional decision-making abilities in community contexts. Students will apply mind mapping, paraphrasing, memory storage and retrieval tasks, and self monitoring for fidelity to advanced cognitive processing tasks. Students will evaluate linguistic and cultural implications within source materials for equivalent message transfer during the translating task and the consecutive interpreting task.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT3275 - ASL Prosody

General

Course Description
Prerequisites: ASL3226 and INT3270
Description: In this course, students will build upon the foundation in American Sign Language (ASL) achieved in earlier ASL courses to develop the ability and fluency in the language to create complex narratives, engage in natural and spontaneous conversations using ASL, and participate in discussions about concrete and abstract ideas and concepts. Students are expected to engage with members of the Deaf community and participate in ASL Lab activities.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT3280 - Mentorship and Certification Preparation

General

Course Description
Description: This course is a practice-oriented, skills-enhancement course that includes guidance for successfully achieving external interpreting credentials. Through hands-on practice with external mentors and simulated interpreting situations, students will integrate professional skills based on individual interpreting goals. Focus will be on the application of skill sets to the process of interpreting and preparation for the National Interpreter Certification (NIC) Knowledge Exam.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT3290 - Interpreting Skill Development I

General

Course Description
Co-requisite: INT3205
Description: As the first of a four-course sequence, this course introduces students to peer and self-assessment as key components of feedback literacy and interpreting skill development. Students will learn strategies for (a) creating non-evaluative assessments for themselves and others and (b) transforming assessments into feasible goal plans. Foundations of reflective practice are reinforced in this course and across the course series.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT3411 - Deaf Perspectives on Interpreting

General

Course Description
This course examines the ASL/English interpreting process and profession from the perspective of Deaf/DeafBlind people. Students will explore the perspectives of Deaf/DeafBlind people from diverse backgrounds and their experiences surrounding the provision of interpreting services in various settings. Strategies to maximize access by Deaf people and to facilitate trust between interpreters and Deaf/DeafBlind consumers will be learned and applied.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT3950 - Introduction to Service Learning in Interpreter Education

General
Course Description
Description: This course is one of two service learning courses designed to strengthen the student's ability to acculturate to the rich linguistic and cultural heritage of the Deaf community through civic engagement. The course introduces Experiential Learning Theory and the community engagement approach to situating the Deaf community within interpreter education and promoting professional alliances. Students apply critical thinking skills to their own biases and assumptions, constructing an asset map of the community, and identifying goals that offer potential for practitioner-entity partnerships. Students learn the basics of building teams, establishing responsible boundaries, working toward mutual goals that are defined by the Deaf community, and applying the foundations of service learning to their future as interpreters.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

INT3951 - Service Learning in the Deaf Community

General
Course Description
Prerequisite: INT 3950
Description: This course is designed to strengthen the student's ability to acculturate to the rich linguistic and cultural heritage of the Deaf community through direct community engagement. The course introduces Experiential Learning Theory and the community engagement approach to promoting professional alliances. Students apply critical thinking skills to their own biases and assumptions and identifying goals that offer potential for practitioner-entity partnerships. Students learn the basics of building teams, establishing responsible boundaries, working toward mutual goals that are defined by the Deaf community, and applying the foundations of service learning to their future as interpreters.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

INT4272 - Interpreting Simultaneous Dialogue

General
Course Description
Prerequisite: INT 3271
Description: This course focuses on the development of ASL/English simultaneous dialogue interpreting skills and the student's ability to self-monitor for quality and fidelity. Students learn to provide constructive peer feedback, and incorporate spoken and signed language research into their ongoing skill development. Abilities such as critical listening, producing messages with appropriate illocutionary force, and applying the Demand-Control Schema are refined in this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT4273 - Interpreting Simultaneous Monologue

General
Course Description
Prerequisite: INT 4272
Description: This course serves as a transition from dialogic interpreting to monologic interpreting between American Sign Language and English. The course builds on a process-oriented model, which applies essential cognitive strategies in order to interpret dynamically equivalent extended monologues. These strategies include comprehending and analyzing messages for implicit and explicit meaning, identifying linguistic and cultural challenges in the text, and applying demand-control techniques for message accuracy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT4291 - Interpreting Skill Development II

General
Course Description
Prerequisites: INT3205 and INT3290
Description: As the second of a four-course sequence, this course requires students to apply principles of reflective practice and error repair to their interpreting work. Students will be evaluated on their ability to interpret a variety of minimally dense stimulus materials and maintain fidelity to the source language. Students will develop strategies and tactics for evaluating the cultural context of interactions and interpreting with an emphasis on clarity, register, meaning transfer, and dynamic/functional equivalence.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT4292 - Interpreting Skill Development III

General
Course Description
Prerequisites: INT3205, INT3290, and INT4291
Description: As the third of a four-course sequence, this course requires students to apply principles of reflective practice and error repair to their interpreting work. Students will be evaluated on their ability to interpret a variety of moderately dense stimulus materials and maintain fidelity to the source language. Students will build upon strategies and tactics for evaluating the cultural context of interactions and interpreting with an emphasis on clarity, register, meaning transfer, and dynamic/functional equivalence.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT4293 - Interpreting Skill Development IV

General

Course Description
Prerequisites: INT3205, INT3290, INT4291 and INT4292
Description: As the fourth of a four-course sequence, this course requires students to apply principles of reflective practice and error repair to their advanced interpreting work. Students will be evaluated on their ability to interpret in multiple directions (ASL to English, English to ASL) with a variety of dense stimulus materials and maintain fidelity to the source language. Students will build upon strategies and tactics for evaluating the cultural context of interactions and interpreting with an emphasis on clarity, register, meaning transfer, and dynamic/ functional equivalence.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT4404 - Interpreting in Educational Settings

General

Course Description
Description: This course will introduce students to interpreting in K-12 and postsecondary educational settings. Students will be instructed regarding the legal framework of educational interpreting, typical developmental stages of students from early childhood through early adulthood, and varying roles and expectations of educational teams that include the interpreter.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

INT4409 - Interpreting Academic Subjects

General

Course Description
Prerequisite: INT 4404
Description: Students will examine the ethics, role, and function of interpreters in K-12 academic settings. The course involves practical skills preparation and assessment of interpreting simultaneously in elementary, middle, secondary school settings. Emphasis is on specialized vocabulary for STEM, geography, social studies, literary arts, vocational education and other specialized topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT4410 - Interpreting for Persons who are Deaf-Blind

General

Course Description
Prerequisite: INT 3271
Description: This course introduces students to the unique factors of interpreting for persons who are DeafBlind and the conditional impact on communication, mobility, employment, socialization, and daily living. The course emphasizes practicing the various modes of communication (e.g., tactile, restricted field of vision) that interpreters and Support Service Providers use when working with persons who are DeafBlind. Students become familiar with human guide techniques, touch signals, and orienting persons who are DeafBlind to the environment. The course utilizes reflective discussion and writing, and students have authentic practice with DeafBlind community members.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

INT4455 - Interpreting for Diverse Populations

General

Course Description
Description: This course will explore interpreting with persons who have diverse racial, ethnic, linguistic, cultural, economic, religious, and social backgrounds. Students will identify the role and function of interpreters when working with diverse populations within the context of ethnographic research. Students will apply cultural and linguistic competence to interpreting in a variety of settings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT4461 - Technology and Interpreting

General

Course Description
This course examines the use of technology as a tool in the provision of ASL/ English interpreting in a variety of settings and contexts. Students will be introduced to the use of technology in the provision of interpreting services both alone and in a teamed situation. Students will explore the use of digital tools for interpreted communication such as accessing technology to support interpreting content, video remote interpreting, video relay service, and other streaming video-based technologies. They will devise protocols and strategies for management of turn-taking, and the facilitation of equitable access for diverse d/Deaf and DeafBlind consumers of interpreting services through technology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT4910 - Research in Interpreting

General

Course Description
Description: This course guides students in becoming consumers of and contributors to current literature in the field of spoken and signed language interpreting and directs them in conceptualizing research projects. Students complete training for conducting research in compliance with human subject review procedures at the university. Students receive mentorship through topic investigation, problem identification, research design, and literature review development. The goal of the course is to orient students to the benefits of applying and actively conducting research in their pursuit of excellence as an interpreter.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT4931 - Issues and Trends in Educational Interpreting

General

Course Description
Prerequisite: INT4409
Description: This course focuses on current issues, trends, and topics that impact the work of educational interpreters in K-12 settings as they provide services and interventions to deaf, deafblind, and hard-of-hearing students. The issues and

challenges addressed in this course will be derived from up-to-date knowledge from research and effective practice as well as current issues and trends in the field. Topics covered may include educational policies and legislation, work of Deaf and hearing interpreting teams, language deprivation among deaf, deafblind, and hard-of-hearing children, credentialing and licensure issues, advanced language development, and interdisciplinary teamwork in K-12 settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT4947 - Interpreting Practicum

General
Course Description
Prerequisites: INT 4273, INT 4455, INT 4404, INT 3951, INT 4410, and permission of the Program Director.Description: The interpreting internship is a field-based capstone course that provides students with the opportunity to gain practical experience and integrate classroom knowledge and theory under supervision by qualified interpreters in real world settings. A minimum number of hours, based on current accreditation standards, must involve direct provision of authentic interpreting services. All required program courses must be completed prior to the internship and a passing score on the CASLI Generalist Knowledge Exam (or equivalent) must be obtained prior to registering for this course.

Credit Hours
Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Other Hours
Other Hours Min:
6

Number Of Repeats:
0

INT5408 - Interpreting in Educational Settings

General
Course Description
This course will introduce students to interpreting in K-12 and postsecondary educational settings. Students will examine the framework of educational interpreting, typical developmental stages of students from early childhood through early adulthood, and varying roles and expectations of educational teams that include the interpreter. Complexities in educational interpreting and current issues, trends, and practices in the field are examined.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT5457 - Interpreting in Intercultural Contexts

General
Course Description
Description: This course explores interpreting in intercultural teams with individuals from diverse racial, economic, religious, sexual, and social backgrounds. Students will identify the role and function of interpreters within the context of these dynamics, conduct ethnographic research, and assimilate methods for applying cultural and linguistic competence to a variety of settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT5800 - Legacies and Leadership in Interpreter Education

General

Course Description
Description: This course introduces students to the history of spoken and signed language translator and interpreter education from the 18th century, including key theories and people in the field as well as the social, political and legal perspectives that have influenced the development of interpreter education. Students will assess the current state of interpreter education in the U.S., identify current issues, and vision together some strategies to move the field forward. Students will learn the responsibilities of educators as leaders in the profession at regional, state, and national levels. This course introduces the social, political, and economic context in which post-secondary interpreter education operates.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

INT5805 - Mentoring in Interpreter Education

General

Course Description
Description: In this course, students will implement a mentoring relationship that applies interpersonal and communication strengths to the skill development of a prospective peer. Students will learn the necessary dynamics of a successful mentor relationship, the logistics of mentoring, and strategies for addressing challenges. They will explore profiles of successful mentors and identify goals for themselves as mentors. Students will work with mentees to analyze a variety of interpreting work samples. They will engage in dialogue with their mentee to determine which patterns should be the focus of skill enhancement activities.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

INT5954 - Service Learning in the Deaf Community

General

Course Description
Description: This course is designed to strengthen the interpreting student's ability to acculturate to the rich linguistic and cultural characteristics of the Deaf community through civic engagement. Students will participate in structured experiential settings that are designated by the local Deaf community. Students will produce community asset maps, design a service learning project that is responsive to needs of Deaf children, and evaluate project outcomes. Students learn to critically reflect upon the learning process through journaling and faculty mentorship.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT6105 - Foundations of Interpreting Studies

General

Course Description
In this course, students will be introduced to foundational principles in the academic discipline of Interpreting Studies. Students will study interpreting through three primary lenses that have informed inquiry into interpreting: 1) linguistics and translation, 2) socio-cultural approaches, and 3) cognitive science and psychology. The course draws upon research and theoretical frameworks relevant to both unimodal and bimodal interpreting, as well as seminal work in Translation Studies. Students will learn to discuss key concepts in Interpreting Studies, as well as apply these concepts in their interpreting work.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6207 - Interpreter Training

General
Course Description
Prerequisite: EHD 4311 or equivalent and permission of instructor. Develop knowledge and skill in the role, function and responsibilities of interpreting for deaf people. May be repeated up to 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

INT6274 - Advanced ASL Concepts for Interpreters

General
Course Description
Description: In this course, students will have an opportunity to improve their ASL skills, both expressive and receptive, in order to communicate more effectively in personal and professional interactions. Students will review the salient features of ASL and rules or usage. They will demonstrate the ability to incorporate those features in consecutive and simultaneous interpreting. The course allows students to develop skills for assessing their own ASL fluency while interpreting texts of dense content and complex cultural features.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

INT6276 - Teaching Cognitive Processing

General
Course Description
Prerequisite: INT 5275
Description: This course presents interpreting and translating process from the perspective of interpretation pedagogy and introduces students to the key concepts of comprehension and working memory, self-assessment of fidelity, cognitive capacity, language availability, and effort models. The course prepares students to integrate interpreting theory into interpreter education through personal skill acquisition and curriculum development.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6405 - Interpreting Academic Subjects

General

Course Description
This course addresses the specialized discourse and language of educational subjects and settings and assessing language needs for students who are deaf/ DeafBlind/hard of hearing. Students will examine the ethics, role, and function of interpreters in academic settings. Practical skills preparation and assessment of interpreting simultaneously in elementary and secondary school settings. Includes specialized vocabulary for STEM, geography, social studies, literary arts, vocational education and other specialized locations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6415 - DeafBlind Interpreting

General
Course Description
Description: This course provides an academic foundation for interpreting students to work with people who are DeafBlind and who require skilled interpreters for a variety of access modes. Students will learn how to interpret within a restricted field of vision at various distances and use Tactile American Sign Language and haptic systems for providing comprehensive environmental access. The course prioritizes the unique thought worlds and cultural perspectives of DeafBlind individuals over their medical conditions, and students study the relationship of diverse communication techniques that impact a person's life quality to employment, socialization, mobility, leisure, and autonomy. Students study complementary skills needed by professional DeafBlind interpreters, such as guiding, environmental orientation, and visual description during the interpreting process.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6416 - Deaf Perspectives on Interpreting

General
Course Description
This course examines the ASL-/English interpreting process, profession, and field from the perspective of Deaf/DeafBlind people. Students will explore the perspectives of Deaf/DeafBlind people from diverse backgrounds and their experiences surrounding the provision of interpreting services in various settings. Strategies to maximize access by Deaf people and to facilitate trust between interpreters and Deaf/DeafBlind consumers will be learned and applied.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6425 - Legal Interpreting

General
Course Description
Description: In this course, students will develop a knowledge base regarding the American legal system, sources of legal rights, and key pieces of legislation. They will research best practices and the wide range of legal settings, and consider how to provide meaning-based interpretation of legal texts in five of these settings. Students will then apply this foundation to the production of equivalent linguistic and cultural translations and interpretations in specific legal texts/settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

INT6435 - Mental Health Interpreting

General

Course Description
Description: In this course, students will develop a knowledge base of diagnoses and institutional systems encountered in mental health settings as well as demonstrate an understanding of the legal provision of interpreters and the application of HIPAA requirements and Code of Professional Conduct expectations. Students will then apply this foundation to the production of equivalent linguistic and cultural translations and interpretations in specific mental health settings. Study units include: 12-Step programs, individual, couples and group counseling, community-based and in-patient treatment programs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

INT6436 - Healthcare Interpreting

General

Course Description
Description: This course involves developing a knowledge base of medical terminology and biological and institutional systems encountered in healthcare settings as well as the legal and ethical foundation for interpreter qualification. Students will apply this knowledge base to equivalent linguistic and cultural interpretations in specific healthcare settings with emphasis on substance abuse and addiction, systemic health conditions, and end-of-life palliative care.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

INT6802 - Methods for Teaching Interpreting

General

Course Description
Description: This course addresses various strategies for teaching consecutive and simultaneous interpreting skills to novice interpreting students. The three areas of concentration are (1) interpreting consecutive dialogue, (2) interpreting simultaneous dialogue, and (3) interpreting simultaneous monologue from English to ASL and from ASL to spoken English. Students learn how to scaffold skill sets when developing interpreting methods courses so their students will achieve the program's exit competencies and be prepared for workforce entry. The course requires students to apply interpreting models and philosophies to instruction and reinforcement of interpreting skill acquisition.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT6807 - Teaching Translation

General

Course Description
Description: This course introduces key concepts in translation and teaching translation for signed language interpreters. Daniel Gile's Effort Models form a framework for applying theory to practice as translators and teachers of translation. Students will translate passages of varying levels of difficulty between ASL and English. They will apply translation strategies such as preparation, text analysis, message transfer, reformulation, and testing the translation. Students will be guided in developing and refining techniques associated with discussing translations, creating and analyzing translations, and developing lesson plans for teaching translation.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6810 - Curriculum Development and Revision

General
Course Description
Description: This course is designed to introduce interpreting students to the multi-dimensional process of curriculum design, its interface to instruction and the critical nature of review and revision. The central learning experience includes the creation of a model interpreter education curriculum using the “backwards design” development approach. Students will learn how to integrate valid and reliable assessment into curriculum development. An emphasis is placed on the examination of curriculum through a global perspective that is intended to prepare students to meet the expectations of the Commission on Collegiate Interpreter Education (CCIE) standards as well as equip them to compete in a competitive market.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

INT6811 - Performance Assessment

General
Course Description
Description: This course addresses the assessment of interpreting student performance in a variety of tasks, including interactive interpreting performance, application of ethics to interpreting decision-making, and utilizing the Demand-Control Schema to self-assess one's interpreted product. Students learn how to teach self-analysis techniques that identify and remedy aspects of the interpreting process, including nonmanual markers, spatial relationships, utterance boundaries, and grammatical accuracy. Emphasis in this course is on the use of non-evaluative language when evaluating the dispositions and work of novice interpreting students and assessing the product and cognitive process used by the interpreting student.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6830 - Adult and Transformative Learning in Interpreter Education

General
Course Description
Description: Students are introduced to the body of knowledge concerning adults as learners by focusing on the principles of adult and collaborative education, determining learning styles, and selecting appropriate instructional techniques for. Students will review variables that affect adult learning, motivation techniques, appropriate training methodologies, and reinforcement of learning. Connections to the preparation of interpreters as adult learners will be made.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

INT6840 - Distance Learning in Interpreter Education

General

Course Description
Description: Students in this course will examine current best practices in distance learning and effective teaching skills for both distance and face-to-face instruction. The course covers topics that include designing modules with objectives that can be assessed online, preparing interpreters in distance and hybrid delivery programs, promoting online collaboration, incorporating methods that engage remote students, and assessing student knowledge and skills.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

INT6905 - Directed Independent Study in Sign Language Interpreting

General

Course Description
This course is designed for students who wish to undertake a study of selected topics related to Sign Language Interpreting and Interpreter education. This course may be repeated for up to 9 credits with different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
2

INT6911 - Applied Research in Interpretation

General

Course Description
Description: This course introduces students to current research in the field of spoken and signed language interpretation and directs students in conceptualizing research projects. Students are instructed about research ethics involved in social science research and they will become certified to conduct research with human subjects. Informed Consent and other requirements of the Institutional Review Board (IRB) process for research approval are covered. Students are mentored through topic investigation, problem identification, research design, and literature review. The goal of the course is for students to become critical consumers and practitioners of research applicable to the interpreting profession. This course measures mastery of written English competency, academic use of ASL, logical concept development, critical analysis of the literature, and cohesion in writing and presentations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

INT6930 - Special Topics in Interpreter Education

General

Course Description
Description: This course focuses future interpreter educators on current topics that impact the development, maintenance, and accreditation of interpreter education programs as they strive to meet the needs of a growing profession. Current issues and challenges addressed in this course include preparation of students to work as remote interpreters, formation of teams with Deaf interpreters, accreditation, international awareness of access initiatives, and admission testing. The course provides an open forum for overcoming challenges such as recruitment and retention of diverse student populations, providing mentorships for program graduates, and ensuring programs provide access and opportunity to aspiring Deaf interpreters.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6932 - Issues and Trends in Educational Interpreting

General
Course Description
This course focuses on current issues, trends, and topics that impact the work of educational interpreters in K-12 settings as they provide services and interventions to Deaf and hard-of-hearing students. The issues and challenges addressed in this course will be derived from up-to-date knowledge from research and effective practice as well as current issues and trends in the field. Topics covered may include educational policies and legislation, work of Deaf and hearing interpreting teams, language deprivation among Deaf and hard-of-hearing children, credentialing and licensure issues, advanced language development, and interdisciplinary teamwork in K-12 settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

INT6942 - Pedagogy Internship

General
Course Description
This course requires students to synthesize previous coursework into teaching experiences and evidence-based course development. Students will participate in a 'visiting faculty' capacity within an interpreter education program and consult with an academic mentor. The course is competency-based in the areas of instructional design, proposal development, content delivery, self-assessment, and professional development strategies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

INT6946 - Interpreting Internship

General
Course Description
This course is field-based and requires supervised, mentored experiences in the field as an interpreter. Through this internship, students have ongoing opportunities to apply classroom learning and theory with real-world interpreting. The course requires field-based experience.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

ISM4011 - Introduction to Management Information Systems

General

Course Description
Prerequisite: MAN 3025 and CGS 1100
Description: This course will cover the fundamentals of management information systems with an emphasis on the relationships of MIS and data processing to decision-making in modern organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ISM4113 - Analysis and Design of Business Information Systems

General
Course Description
Prerequisite: ISM4011 Introduction to Management Information Systems
Description: This course will give an introduction on using technology solutions to improve processes, overcome business problems, and deliver stakeholder value by defining needs and recommending solutions. Different software applications related to the topics will be used to give students the opportunity for hands-on experience. Topics will also include problem solving and critical thinking with a focus on business, technical, and management skills.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ISM4210 - Data and Information Management

General
Course Description
Prerequisite: ISM4011 Introduction to Management Information Systems
Description: Introduction to databases, data management designs and development issues. Topics include data strategy and data governance, relational databases/SQL, data integration, master data management, and big data technologies. This course provides hands-on experience in database design and implementation through assignments, lab exercises and course projects using applications such as Microsoft's Access and SQL Server database management systems (DBMS).

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ISM4220 - Business Data Communications

General
Course Description
Prerequisite: ISM4011 Introduction to Management Information Systems
Description: This course is an introduction to business data communications. A survey of the techniques involved in planning, design, economics, implementation and management of distributed systems. The course includes an overview of modern data communication requirements including WANs, LANs, Internet concepts. It will give an overview of cloud computing, cloud systems, parallel processing in the cloud, distributed storage systems, virtualization, security, applications and administration in the cloud.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

ISM4400 - Enterprise Applications Integration

General

Course Description
Prerequisite: ISM4011 AND ISM4220Description: This course is an introduction to basic concepts in enterprise applications with an emphasis on how business applications are used to solve business problems. Enterprise applications are designed to integrate computer systems that run an organization's operations and facilitate cooperation and coordination across the enterprise. It will examine strategies and methods for integrating interdependent systems into a functioning whole, enabling two or more applications to interact and exchange data seamlessly. The course will explore enterprise information technology (both hardware and software) and techniques for systems integration as well as best practices for integration projects.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

ISM4403 - Business Intelligence

General

Course Description
Prerequisite: ISM 4011Description: This course is concerned with quantitative approaches to business analysis, including those involving big data and how organizations strategically use Business Intelligence (BI) to gain a sustainable, competitive advantage. Covers concepts for evidence-based decision making from a managerial perspective, and incorporates contemporary topics such as real-time BI, business analytics, and business performance management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ISM4941 - Business Intelligence Internship

General

Course Description
Prerequisite: ISM4011
Description: This course is designed to provide hands-on experience in the field of BI, data analysis, and information systems management. Participants will learn how to gather, manipulate, and analyze data to support business decision-making. Participants will have opportunities to work on real-world projects, network with industry professionals, and gain a deeper understanding of the role of technology in modern business operations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ISM6021 - Management of Information Technology

General

Course Description
Prerequisite: MAN 3025 and CGS 1100 or equivalents
Description: This course is a study of Management Information Systems with emphasis on the design, analysis, operation and control of information systems as an aid to managerial decision-making.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ISM6404 - Applications of Business Analytics

General

Course Description
Description: This overview course explores the broad topic of business analytics by focusing on the tools important to better identify and communicate valuable insights and to facilitate the flow of analytics information within an organization. Through hands-on projects and interactive classes, students will learn the foundations of analytics, including preparing, managing, exploring, and analyzing data and communicating results to executives using effective language and visualizations. This course is less about building models (e.g. optimization or predictive models) and more about practical business analysis and communication of results. Those successfully completing the course should feel comfortable identifying meaningful patterns and communicating clear results to facilitate decision making across many areas of business.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ISM6419 - Data Visualization

General

Course Description
Prerequisite: ISM6021 or ACG6405
Description: This course teaches the essential and practical skills in data visualization, including computer graphics, visual data representation, physical and human vision models, numerical representation of knowledge and concepts, animation techniques, pattern analysis, and computational methods.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

JOU3109 - Multimedia Reporting

General

Course Description
Prerequisite: MMC 3105 and MMC 1004
Description: Reporting techniques, interviewing and the basic elements of multimedia news production are covered. In addition, the course introduces students to various reporting specialties, including courts, business, government, health, science, and sports. Students will be involved in completing both in-class and out-of-class assignments.
Course Fees: $10

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

JOU3308 - Magazine Feature Writing

General

Course Description
Prerequisite: MMC 3105 and JOU 3109 and MMC 1004
Description:This course introduces students to techniques used in writing feature stories for magazines. Students will be involved in selecting, researching and

writing their own stories, which they will attempt to sell to appropriate magazine markets.
Course Fees: $10

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

JOU3342 - Multimedia Storytelling

General
Course Description
Prerequisite: JOU 3109, MMC 3105 and MMC 1004
Description: This course will provide continuing instruction in reporting techniques learned in JOU 3109. Students will engage in the reporting process and publish their work across the print, broadcast/cable, and Internet outlets of the Department of Communication.
Course Fees: $30

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

JOU3925 - Applied Journalism

General
Course Description
Prerequisite: MMC 1004, MMC 3105, and JOU 3109Description:This course provides students with a supervised experience in news writing and editing utilizing either the campus newspaper or another local newspaper or magazine. Students will receive hands-on experience in writing feature and news as well as some specialized stories.Repeatability: Applied Journalism may be repeated up to six credits, but not for major credit. Course Fees: $10

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

JOU4117 - Seminar in Reporting Techniques

General
Course Description
Prerequisite: JOU 3204 and MMC 3105 and JOU 3101
Description: Students enrolled in this course will explore advanced, topical news reporting and writing techniques. Topics may include precision journalism, diversity journalism, research techniques, interviewing techniques, and various reporting, specialties, such as sports, the arts, public affairs, or the environment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

JOU4228 - Advanced News Design

General

Course Description
Prerequisite: MMC 3105 and JOU 3109 and JOU 4223 and MMC 1004
Description: Advanced News Design is a continuation of News Editing and Design. This course emphasizes advanced design techniques for print- and Web-based news publications. Students will be involved in completing both in-class and out-of-class assignments.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

JOU4348 - Advanced Multimedia Storytelling

General

Course Description
Prerequisite: MMC 3105 and MMC 4500 and JOU 3109 and JOU 3342Description: This course will provide continuing instruction in reporting techniques learned in JOU 3109 and JOU 3342 . Students will engage in the reporting of more complex topics through long-form magazine style storytelling and publish their work across the print, broadcast/cable, and Internet outlets of the Department of Communication. This course may be repeated one time for 3 additional credits. Course Fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

JOU4930 - Special Topics in Journalism

General

Course Description
Prerequisite: MMC 3105 and MMC 4500
Description: This course will explore important issues pertaining to the theory, research, and practice of journalism in a seminar format. Issues will vary from semester to semester.
Repeatability: The course may be repeated up to a total of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

LAE3210 - Foundations of Literacy

General

Course Description
Prerequisite: EDF1005
Description: This course focuses on the theories and instructional practice of early literacy instruction, including early childhood language development, the foundational role of oral language, early literacy assessments for phonological and phonemic awareness, concepts of print, and alphabetic knowledge. The primary focus of the course is on developing a deep understanding of the reading acquisition skills and related instruction at the primary level, Kindergarten through second grade, in addition to reading assessments that provide formative information on reading development. Instructional strategies in this course include literacy centers, guided reading, read alouds, shared reading, reading conferences and interactive and shared reading. Attention will be given to the role student engagement plays in student learning and how instruction can be differentiated by individual differences including English language ability. EDF 1005 is the prerequisite for this course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAE3211 - Literacy Instruction and Assessment

General

Course Description
Prerequisite: LAE 3210
Co-requisite: EDG 3322
Description: Focused on reading and writing at the upper elementary level (grades 3 through 6), a primary focus of this course is on developing students' reading comprehension and critical thinking skills with both narrative and informational texts; support engagement with and comprehension of both ability-matched and complex texts through direct instruction, student discourse, and writing about reading; emphasis will be placed on vocabulary and academic language acquisition; influence of digital texts on reading instruction, school-family collaboration to support reading engagement, and the teaching of writing beyond the primary years; different elements of the craft of writing and how to teach young children of all ability levels to develop desired traits of description and voice as well as organization and attention to grammar while also encouraging student engagement.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAE4312 - Differentiating Instruction in Literacy

General

Course Description
Prerequisite: LAE 3210 and LAE 3211
Co-requisite: EDG4442
Description: This is the third literacy course in the elementary program. It follows courses in the foundations of literacy development including methods, resources and assessments for literacy teaching/learning. It will enable preservice teachers to understand the scope and place of diagnosis and subsequent literacy instruction in the literacy development program; the roles played by the classroom teacher and other specialized personnel in the school; the wise use of a variety of diagnostic tools (tests and other measurement techniques) to measure literacy ability, and based on such measurement, evaluate the student's literacy abilities; the planning and differentiating instruction based on such an evaluation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAE4335 - Special Methods: Secondary English

General

Course Description
Prerequisite: EDF 3945
Co-requisite: EDF3946
Description: An examination of the instructional methods, materials, and curriculum for teaching secondary level English.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAE5330 - Teaching Shakespeare's Plays

General

Course Description
Prerequisite: Equivalent of Baccalaureate Major in English. This course allows teachers to expand their repertoire of knowledge and teaching strategies for presenting Shakespeare's plays in interesting and challenging ways to their students. Plays from all periods and modes are included. Research and development required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAE6319 - Language Arts Methods for Elementary Teachers

General

Course Description
The language arts in the elementary curriculum. Methods for integrating communication skills development across the curriculum are emphasized.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAE6338 - Teaching Writing 6-12

General

Course Description
Prerequisite: Undergraduate degree. This course is designed to facilitate the acquisition of skills in teaching writing, grades 6-12. Students will assess factors contributing to secondary pupils' success in learning to write, via their own research and by experiencing and reflecting on stages of the writing process.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAE6339 - Special Methods in Teaching English

General

Course Description
Prerequisite: Regular English teaching certificate. (Florida or its equivalent). An advanced analysis of the instructional methods, materials, curriculum, and research related to teaching secondary level English.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAH3300 - (FC) Latin America

General

Course Description
An examination of recent Latin American history. Special emphasis will be placed upon the roles of the church, landowner, military, middle sector and peasant in the modernizing societies of selected countries.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAH3424 - (FC) Aztecs/Incas/Mayas

General

Course Description
This course is an introduction to the history of Mesoamerica and the Andes prior to 1492. Special attention will be given to the historical development of the Maya, Aztec and Inca civilizations; however, the course will also emphasize the importance of other peoples and cultures such as the Olmecs, Toltecs, Mochica, Chimu and Muisca. Through a careful examination of archaeological and historical evidence, this course will examine major political, religious, and economic changes in the Americas before the arrival of Europeans.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAH3736 - (FC) Modern Latin American History Through Film

General

Course Description
This course is designed to introduce students to major thematic issues in Latin American history and their cultural representation through film. The course is organized chronologically, and serves to extend the students' grasp of factual material as well as to highlight key historical issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAH3932 - Selected Topics: Latin American History

General

Course Description
This course will present selected topics in Latin American history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
4

LAH4024 - Latin America and the World

General

Course Description
Prerequisite: HIS3051
Description: This undergraduate senior research seminar explores Latin America's transnational history through its ties and interactions with the U.S., Europe, Asia, and Africa from 1492-present. This course provides students with a theoretical, methodological, and practical background relevant to understanding the crossroads of national, regional, and world history. The course focuses on critical analysis of themes including nationalism, race, ethnicity, gender, the circulation of ideas, goods, and people across world regions, and related processes of sociocultural and political change over time. It includes consideration of political, social, intellectual, and cultural history.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

LAH4741 - Rebellion and Revolution in Latin America

General

Course Description
Prerequisite: HIS3051
Description: This undergraduate senior research seminar focuses on 20th-century Latin American revolutions. It provides an introduction to and in-depth discussion of revolutionary processes based on case studies of five Latin American countries: Mexico, Cuba, Chile, Nicaragua, and Guatemala. Through course materials, research, and class discussion, this seminar examines watershed moments in the of Latin America and the world.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

LAH4932 - Seminar: Latin American History

General

Course Description
Prerequisite: HIS 3051or permission of instructor. This seminar course will involve students in an intensive study of an aspect of Latin American history. Topics vary with the instructor. The course may be repeated for credit as long as the topic differs, up to a maximum of 3 times.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

LAH5026 - Latin America and the World

General

Course Description
This graduate seminar explores Latin America's transnational history through its ties and interactions with the U.S., Europe, Asia, and Africa from 1492-present. This course provides students with a theoretical, methodological, and practical background relevant to understanding the crossroads of national, regional, and world history. The course focuses on critical analysis of themes including nationalism, race, ethnicity, gender, the circulation of ideas, goods, and people across world regions, and related processes of sociocultural and political change over time. It includes consideration of political, social, intellectual, and cultural history.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

LAH5745 - Rebellion and Revolution in Latin America

General
Course Description
This graduate seminar on 20th-century Latin American revolution provides an introduction to and in-depth discussion of revolutionary processes based on case studies of five Latin American countries: Mexico, Cuba, Chile, Nicaragua, and Guatemala. Students will produce a research paper of significant length.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

LAH5934 - Selected Topics: Latin American History

General
Course Description
This course will present selected topics in Latin American history. Subjects will vary according to the instructor. The course may be repeated up to 5 times for a total of 15 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
4

LAH6305 - US-Latin American Affairs

General
Course Description
This is a graduate research seminar examining US-Latin America affairs during the twentieth and twenty-first centuries. The course stresses in-depth analysis of US-Latin America affairs over time, with particular attention to Latin American perspectives and themes such as imperialism, Cold War politics, foreign aid, military training, economics, and social relations. The course emphasizes applied history practice through hands-on experience conducting research, leading and engaging in discussion, and writing about international affairs from a historical perspective.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

LAH6905 - Readings in Latin American History I

General
Course Description
This course is designed to introduce students to major thematic issues in Latin American history up to 1821. The course is organized chronologically, and serves to extend the students' grasp of factual material as well as to highlight key historiographical issues.

Credit Hours
Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAH6906 - Readings in Latin American History II

General

Course Description
This course is designed to introduce students to major thematic issues in Latin American history from 1821 to the present. The course is organized chronologically, and serves to extend the students' grasp of factual material as well as to highlight key historiographical issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAH6936 - Seminar: Latin American History

General

Course Description
Graduate research seminar in Latin American history. Topics, era, or themes may vary.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
3

LAS3020 - (FC) Peoples and Cultures of the Caribbean

General

Course Description
Description: This course examines the history, peoples and cultures of the Caribbean. The language of instruction is English.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAS3050 - (FC) Latin American Digital Humanities

General

Course Description
This course explores intersections between technology and culture in the study of Latin America today. We analyze digital projects based throughout the region that examine the conflicts, tensions, and transformations that have defined Latin America from 1492 to the present. Students analyze ways that scholars are using digital tools and methodologies to recover and repatriate cultural heritage, access new voices, construct communities, and address injustice. The projects studied employ a variety of methods, including mapping and spatial analysis, oral history, the online publication of archival materials, and the construction of digital archives.

In studying these projects, we consider ways that digital scholarship in and about Latin America reflects particular characteristics that are informed by the cultures and history of the region. The language of instruction is English.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAS3102 - (FC) Pirates on the Spanish Seas

General

Course Description
This course examines cultures of the Hispanic world through the framework of maritime piracy. We consider the political, religious, and social background in Early Modern Spain and its overseas colonies against which piracy takes place, and the ways that pirates are represented in Spanish and Spanish American cultural production of the sixteenth through eighteenth centuries. We study the transformation of the pirate into a Romantic hero in the nineteenth century, and the use of piracy as a literary tool for nation-building in the newly independent Spanish American republics. We also analyze the continuing role of piracy in Hispanic culture from the twentieth century to the present, looking in particular at maritime predation as a metaphor for outsider status, personal freedom, and troubled love. The language of instruction is English.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAS3130 - (FC) Latin American Pop Culture

General

Course Description
Description: Latin American Pop Culture looks at street manifestations, traditions, religious practices, as well as different forms of art such as music, dance, theater and graffiti, from different countries in Latin America. In looking at these cultural productions we will examine such topics as inequality, sexism, racism, poverty, and the power of people to bring about social change. This course is conducted in English

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAS3132 - (FC) Women and Violence in Latin American Literature and Film

General

Course Description
Description: This course is an invitation to think critically about the phenomenon of violence in Latin America and how it has affected women in particular. We will consider different types of violence, including political, social, domestic, and the violence of migration. We will examine the roles that society, religion, and the state have played in fomenting or perpetuating this violence. In order to approach this topic, we will take a historical, literary and cinematographic journey through various countries such as Chile, Dominican Republic, Colombia, México, and the United States, among others.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LAS3930 - (FC) Cultures of Latin America

General

Course Description
Description: This course examines topics related to Latin American cultures (including Brazil), such as social revolutions, dictatorships, mestizaje/hybridity, or indigenismo. Emphasis may be given to different regions, such as Central America or the Southern Cone, or to specific countries. Topics may vary from one semester to the next. Contact the Department of Languages, Literatures and Cultures for individual course descriptions. The language of instruction is English.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

LDR2220 - Community Organizing for Educators and Activists

General

Course Description
Description: This course is built on exploration of the history of social and political community change efforts and movements; the methods and tools used in these efforts; and the possibilities for us to reimagine these approaches to organize in our own communities. This exploration will include the voices of local activists and organizers and is both theoretical and experiential, situated around touchstone questions: What concepts, theories, and assumptions drive methods for political and social change? How can community organizers show fidelity to these concepts, theories, and assumptions? How can we work together to identify and marshal individual and shared gifts for just and equitable communities? To explore these questions, we will use engaging pedagogies, including circles, the arts, and learning exchanges to honor our differences including race, class, gender, sexuality, by openly examining the relative privilege and power inherent in them.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LDR3003 - Introduction to Leadership

General

Course Description
Description: The course introduces participants to the major theories of leadership and their application in personal and professional settings. Participants engage in self-reflective and applied learning activities that allow them to draw upon their personal characteristics and experiences to make connections between class work and their own developing leadership style.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LDR3240 - Intergroup Dialogue Among Diverse Populations

General

Course Description
Intergroup Dialogue Among Diverse Populations is designed to provide foundational skills in knowledge needed to participate in and facilitate multicultural group interactions. This course assumes that the most effective facilitators of multicultural group interactions possess a level of awareness, skill, knowledge, and passion. The topics of this course include social identity development; prejudice and stereotyping and their effects on groups; difference and dominance and the nature of social oppression; basic group facilitation skills

and their applications in multicultural settings. The course addresses these and other topical areas through readings, videos, facilitated in-class dialogues, activities, simulations, role-plays, and reflective journal and writing assignments.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LDR3320 - Collaborative Leadership

General

Course Description
Prerequisite: LDR 3003Description: The focus of this course is on leadership within the context of small work groups and self-directed project teams and their role and functions within organizations. The purpose of this course is to teach students how to collaborate effectively in dynamic environments. Leaders who are able to work collaboratively and lead across cultures and disciplines from business to educational environments are essential to high performing organizations. Collaborative leadership knowledge and skills have become a necessity to enable emerging leaders to transcend differences to build organizations and teams of committed workers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LDR3367 - Facilitation

General

Course Description
Description: This elective class is for students who have been selected as facilitators for the Honors First Year Colloquium class. The class has been designed to teach students some theoretical material about leadership and facilitation and apply that material in weekly breakout sessions. The first hour of class will prepare facilitators for each breakout session on a weekly basis tailored specifically to the materials and assignments that will be relevant to that week's lessons. The second hour will explore leadership more generally, including relevant leadership theory, principles of facilitating discussion, and communication and conflict resolution skills. Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LDR3900 - Directed Independent Study

General

Course Description
Prerequisite: LDR3003 and Instructor permission is required
Description: Under the direction of a faculty member, the student will study a special leadership topic throughout the course of a semester. The class may be repeated for a maximum of six credit hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

LDR4263 - Leadership Practicum

General

Course Description
This course is the culminating course for the Leadership Minor. Students hone their leadership skills through review of leadership theory and reflection on their current and prior curricular and co-curricular activities. The engaging activities throughout the course also include matching with a career mentor and the creation of a Leadership Capstone Presentation that can be shared with future employers or graduate schools. Guest speakers from a variety of fields augment the course that also offers students the opportunity for students include certification from globally recognized Leadership programs including 7 Habits of Highly Effective People and/or Day One Leadership.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

LDR4340 - Resource Development in Community Organizations

General

Course Description
Description: This course is designed to address the needs of all types and sizes of non-profit organizations, from small religious groups and community social services agencies to major cultural institutions, colleges and universities. Students will be actively engaged in the processes of developing and managing resources, volunteers, legal issues, and governance issues for non-profit agencies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LDR4368 - Senior Facilitation

General

Course Description
Description: This elective class builds on the skills gained from Facilitation class. It prepares students on a weekly basis for each week's breakout session. Senior facilitators will take a leadership role in the discussion of the theoretical material. They will mentor new facilitators in techniques of facilitating discussion. They will deliberately apply the communication and conflict resolution techniques. They undertake an independent senior facilitation project that will add something to the Colloquium class or the community of facilitators. The first hour of class will prepare facilitators for each breakout session on a weekly basis tailored specifically to the materials and assignments that will be relevant to that week's lessons. Leadership theory, principles of facilitating discussion, and communication and conflict resolution skills will be addressed. Each senior facilitator will meet one-on-one with the instructor to discuss his or her senior facilitation project.Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LEI3004 - Introduction to Recreation, Tourism, and Events

General

Course Description
Description: This course is designed to present a foundational overview of sports as a critical component of the US travel and tourism industry; particularly at the collegiate, amateur, youth and recreational levels. It will offer students a perspective on sports tourism as an economic engine and its importance to the economic development efforts of communities large and small. Students will rely on the totality of their sport management skills, garnered from other sport coursework, in order to understand and ultimately implement the role of the sports travel executive as well as the multitude of executive and management roles within the sports travel and tourism industry.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LEI3266 - Outdoor Adventure Education

General

Course Description
Description: This course includes education in teaching leadership and programming skills in outdoor adventure, including hiking, camping, backpacking, kayaking, canoeing, basic survival skills, orienting skills, group dynamics, safety, risk management, accessibility, and environmental ethics.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LEI3341 - Commercial Recreation and Tourism

General

Course Description
Description: This course is designed to introduce the concepts, principles, and practices of commercial recreation and tourism.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

LEI3438 - Intramural and League Management

General

Course Description
Description: A study of the management, programming and supervision of intramural and sport tournament/leagues in the leisure services delivery system. Areas of focus will include the knowledge, skills, and understanding required of the professional re-creator involved in the programming and administration of special events and sport tournament/leagues in agencies, institutions, industries, and communities.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIS1001 - Beginning Library and Information Systems Strategies

General
Course Description
This course is designed to acquaint the novice researcher with both traditional and computerized means of storing, locating, retrieving and evaluating information. This course emphasizes critical thinking and research skills and is especially recommended to freshmen.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

LIS3021 - Library and Archival Foundations

General
Course Description
This course provides students with building blocks in library and information science and archival studies. Students learn core information on librarianship, including types of libraries, professionalism, career pathways and the history of librarianship; information literacy and the organization of knowledge; and special collections and archives in theory and practice. The class serves as the core requisite for the Library and Archival Studies concentration in Africana Studies and provides foundational knowledge for students interested in graduate programs in archival studies and/or library information science.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT2000 - Introduction to Literature

General
Course Description
Prerequisite: ENC 1101
Description; In this course, students will be assigned readings representative of a broad range of literary genres and cultures. these readings will cover a variety of literary movements and historical eras. The readings will include selections from the western canon. Written analysis of literary works may be required. Students will be provided with opportunities to practice critical interpretation. Gordon Rule English credit.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT2110 - World Literature I

General
Course Description
Description: This course surveys major global literatures from ancient periods to the 18th century.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT2120 - World Literature II

General
Course Description
Description: This course surveys major global literatures from the 18th century through the present.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT3213 - The Art of Critical Reading and Writing I

General
Course Description
Description: This course serves as the first in a two-course sequence required of all English majors. The course introduces students to the intensity of reading by giving them the tools and habits of literary interpretation. Students will learn the vocabulary of traditional literary techniques. This class provides a solid foundation for the understanding of narrative and the practice of critical thought.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT3214 - The Art of Critical Reading and Writing II

General
Course Description
Prerequisite: LIT 3213
Description: This course is the second in a two-course sequence required of all English majors. The course continues training students in the application of traditional literary techniques and concepts of literary theory.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT3304 - Literature of Popular American Culture

General
Course Description
Description: Interpretation and exploration of American mass culture from late 1800s to present, including literature of all types, from novels, song lyrics and plays, to film and film scripts, rock operas and best-sellers.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT3331 - Children's Literature

General
Course Description
Description: This course examines literature for children from social, psychological, educational, and other points of view.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT3333 - Young Adult Literature

General
Course Description
Description: This course examines texts created for young readers. Students will read classic and contemporary literature considered suitable for middle school students, as well as read literary criticism focusing on Young Adult literature. The course considers what characteristics place a text within the field, as well as characteristic themes and concerns of the texts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

LIT3930 - Special Topics: Literature

General
Course Description
Prerequisite: Sophomore standing or permission of instructor.
Description: Variable topics in literature.
Repeatability: May be repeated up to 12 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

LIT4042 - Dramatic Literature

General
Course Description
Description: This course offers students an opportunity to examine dramatic literature in different contexts. The course may focus on a period of dramatic literature, a genre, a theme or topic, or explore connections between drama and other modes of performance. Selected works may explore such topics as the representation of suffering on stage, the representation of women in tragic theater, the suicidal impulse in/of Modernism, the conflict between presentation and representation, or the enduring presence of tragedy. This course will provide instruction in methods for analyzing dramatic literature.

Credit Hours
Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

LIT4083 - Studies in Modern Literature

General

Course Description
Literature and culture of the modern era (roughly late 19th century to mid-20th century). May focus on a particular theme, author, genre, group of authors or national literature. Course may be repeated up to 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

LIT4093 - Contemporary Literature

General

Course Description
Various approaches to the literature of the generations since World War II. May be international in scope or may concentrate on the literature of one nation. Course may be repeated up to 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

LIT4243 - Major Authors

General

Course Description
Prerequisite: Junior standing or permission of instructor. Study of writings by one or more authors. Variable topics. May be repeated up to 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

LIT4650 - Comparative Literature

General

Course Description
Variable topics; world literatures in translation. Course may be repeated up to 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

LIT4905 - Independent Study

General

Course Description
Prerequisite: Consent of instructor and department chairperson. Tutorials or senior theses handled under this title. May be repeated up to 12 credits under different topics and permission of department.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

LIT4930 - Special Topics in Literature

General

Course Description
Prerequisite: Junior standing or permission of instructor. Topics of importance in literature. Course may be repeated up to 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
3

LIT4934 - Seminar in Literature

General

Course Description
Prerequisites: 4 upper-division English courses or permission of instructor. Description:This course serves as an advanced capstone for English majors. Its purpose is to provide an opportunity for small-group, intensive study and practice with both primary texts and approaches to literary criticism. Thus, integration of both in-depth studies of literary texts and critical skills will characterize the course experience.Repeatability: up to 9 credits

Credit Hours

Credit Hours:
3

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
3

Billing Hours Max:
9

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
9

Lecture Hours
Operator:
TO

Number Of Repeats:
2

LIT4940 - Practicum: English

General

Course Description
Description: Practica are supervised educational/training experiences that offer students the opportunity to shadow a faculty member through the teaching of a course for the purposes of intensive experience and education in pedagogy, course administration, and teaching. The student's work is monitored, guided, and evaluated by a faculty member.
Repeatablity: This course may be taken for up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours
Operator:
TO

Number Of Repeats:
11

LIT5934 - Topics in Literature

General

Course Description
Prerequisite: Graduate standing, permission of instructor. May be repeated up to 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours
Operator:
TO

Number Of Repeats:
3

LIT6246 - Major Authors

General

Course Description
Prerequisite: Graduate standing or permission of instructor. This course is an in-depth study of a major author such as Dante, Chaucer, Shakespeare, Milton, Wordsworth, Dickens, Melville, Faulkner, Yeats, Virginia Woolf, George Eliot, William Carlos Williams. May be repeated up to 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

LIT6855 - Topics in Cultural Studies

General

Course Description
Description: This course will cover selected topics and themes in the literature of cultural studies.
Repeatability: The course can be repeated up to 12 hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

LIT6905 - Directed Independent Study

General

Course Description
Prerequisite: Permission of instructor, graduate coordinator, and department chairperson. This course investigates literature topics at the advanced level. May be repeated for 6 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

LIT6934 - Special Topics in Literature

General

Course Description
Prerequisite: Permission of instructor. This course studies a variable range of literary topics. May be repeated for 12 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

LIT6941 - Practicum: Teaching Literature

General

Course Description
Prerequisite: Graduate standing or permission of instructor. This course provides students practical experience in teaching literature at the college level. Students work closely with a professor in the classroom.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

MAA4211 - (GM) Advanced Calculus I

General

Course Description
Prerequisites: MAC 2313, MAS 3105, MHF 3202 and another mathematics or statistics course with a prerequisite at or above the level of Calculus II. A two-term sequence investigating topics in analysis such as the real number system, continuity, sequences and series, differentiation, integration, Jacobians and the inverse and implicit function theorems.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAA4212 - (GM) Advanced Calculus II

General

Course Description
Prerequisites: MAC 2313, MAS 3105, MHF 3202 and another mathematics or statistics course with a prerequisite at or above the level of Calculus II. A two-term sequence investigating topics in analysis such as the real number system, continuity, sequences and series, differentiation, integration, Jacobians and the inverse and implicit function theorems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAA4402 - (GM) Complex Analysis

General

Course Description
Prerequisite: MAC 2313 and another mathematics or statistics course with a prerequisite at or above the level of Calculus II.
This course covers the complex number system, complex functions, Cauchy's Theorem, Cauchy's Integral Formula, analytic functions, meromorphic functions, contour integration, and residue theory.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAA6417 - Complex Analysis

General

Course Description
Prerequisite: MAA 4211. Holomorphic functions, Cauchy's theorem. power series, conformal mapping, harmonic functions, residues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAC1101C - (GM) Intensive College Algebra with Recitation

General

Course Description
Prerequisite: Qualifying score on math placement OR C or better in MAT1033 or equivalent.
Description: Topics include a substantial review of Intermediate Algebra concepts, linear and quadratic functions, systems of equations and inequalities, polynomials, exponentials, logarithms, and applications. Students attend four hours of lecture and one hour of recitation per week. Students may only earn credit for one of the following: MAC1105, MAC1105C, or MAC1101C. Meets the General Education requirement in Mathematics. Meets the Gordon Rule requirement.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ - Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAC1105 - (GM) College Algebra

General

Course Description
Prerequisite: Qualifying score on math placement OR C or better in MAT1033 or equivalent
Description: In this course, students will develop problem solving skills, critical thinking, computational proficiency, and contextual fluency through the study of equations, functions, and their graphs. Emphasis will be placed on quadratic, exponential, and logarithmic functions. topics will include solving equations and inequalities, definition and properties of a function, domain and range, transformations of graphs, operations on functions, composite and inverse functions, basic polynomial and rational functions, exponential and logarithmic functions, and applications.
Students may only earn credit for one of the following: MAC1105, MAC1105C. Meets the Gordon Rule requirement.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAC1105C - (GM) College Algebra with Recitation

General

Course Description
Prerequisite: Qualifying score on math placement OR C or better in MAT1033 or equivalent
Description: In this course, students will develop problem solving skills, critical thinking, computational proficiency, and contextual fluency through the study of equations, functions, and their graphs. Emphasis will be placed on quadratic, exponential, and logarithmic functions. topics will include solving equations and inequalities, definition and properties of a function, domain and range, transformations of graphs, operations on functions, composite and inverse functions, basic polynomial and rational functions, exponential and logarithmic functions, and applications.
Students may only earn credit for one of the following: MAC1105, MAC1105C. Meets the Gordon Rule requirement.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAC1114 - (GM) Trigonometry

General

Course Description
Prerequisite: MAC 1105. This course will include the following topics: trigonometric functions and their inverses, graphing trigonometric functions, identities, complex numbers, solving triangles, and applications of trigonometric functions. Students may not receive credit for both MAC 1114 and MAC 1147.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

MAC1147 - (GM) Precalculus

General

Course Description
Prerequisite: MAT 1033Description: Topics will include linear and quadratic functions and their applications; systems of equations; inequalities, polynomials, exponentials, logarithms, trigonometric functions and their inverses and their graphs; trigonometric identities, and complex numbers.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAC2233 - (GM) Calculus for Business

General

Course Description
Prerequisite: MAC 1105 or MAC 1147. Topics in differential and integral calculus with applications. (This course cannot be used to satisfy upper-level degree requirements by mathematics, statistics or natural science majors).

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAC2241 - (GM)Calculus for Biology

General

Course Description
Prerequisite: MAC1147 Precalculus. This course is a one-semester introduction to differential and integral calculus. Applications will emphasize biological sciences. Students cannot receive credit for this course and also for MAC2311 (Calculus I) or MAC2233 (Calculus for Business).

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAC2311 - (GM) Calculus I

General

Course Description
Prerequisite: MAC 1147.
Description: In this course, students will develop problem solving skills, critical thinking, computational proficiency, and contextual fluency through the study of limits, derivatives, and definite and indefinite integrals of functions of one variable, including algebraic, exponential, logarithmic, and trigonometric functions, and applications. topics will include limits, continuity, differentiation and rates of change, optimization, curve sketching, and introduction to integration and area. (This course cannot be used to satisfy upper-level degree requirements by mathematics, statistics or natural science majors. Students completing this course may not enroll in MAC 2233.)

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAC2312 - (GM) Calculus II

General

Course Description
Prerequisite: MAC 2311 or MAC 2241. This course continues the study of definite and indefinite integrals, and the Fundamental Theorem of Calculus begun in MAC 2311. The course presents various integration techniques and their applications, convergence of sequences and series, as well as power series and Taylor series of a function of one variable. (This course cannot be used to satisfy upper-level degree requirements by mathematics, statistics or natural science majors.)

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAC2313 - (GM) Calculus III

General

Course Description
Prerequisite: MAC 2312.
This is the third course in calculus designed to cover calculus of functions of several variables. The course covers analytical geometry and vectors in two and three dimensions. The course covers calculus of parametric and vector-valued functions. This course introduces students to functions of several variables and then those functions are analyzed and applied using partial derivatives, differentials, directional derivatives, gradients and optimization. Additionally, the course presents a study of multiple integrals in rectangular, polar, cylindrical and spherical coordinates.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAD3107 - (GM) Discrete Mathematics

General

Course Description
Prerequisite: MAC 2312.
This course provides an introduction to discrete mathematics. Topics include sets, mathematical induction, functions, relations, recurrence relations and generating functions. Introductory topics from graph theory and combinatorics will also be presented.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAD4203 - Combinatorics

General

Course Description
Prerequisites: MAD 3107 or MHF 3202 or COT 3100
This course covers advanced topics in combinatorial mathematics, including counting techniques, Polya's theory of counting, coding theory, and block designs. Applications to various problems in mathematics and computing will be discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

MAD4301 - Graph Theory

General

Course Description
Prerequisites: MAD 3107 or MHF 3202 or COT 3100
Topics in this course include graph isomorphism, Eulerian and Hamiltonian graphs, minimum spanning trees, matchings and covers, connectivity, network flows, colorings, planarity, embeddings, and Ramsey theory.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAD4401 - (GM) Numerical Analysis

General

Course Description
Prerequisites: MAC 2313, MAP 2302, MAS 3105 and a scientific programming language.
Topics covered in this course include error analysis, numerical solutions of equations in one variable, polynomial interpolation, numerical integration, and numerical solutions of initial value problems.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAD4505 - Discrete Biomathematics

General
Course Description
Prerequisites: MAD 3107 or MHF 3202 or COT 3100
This course covers mathematical aspects of biomolecular models of computation. Topics include computability, intractable problems, splicing systems, DNA codes, biomolecular automata, membrane systems, and self-assembly.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAD6115 - Discrete Mathematical Structures

General
Course Description
This course covers a variety of discrete mathematical structures that are foundational for both mathematical theory and applications in computing, cryptography, data science, optimization, and biomedical sciences. Topics include advanced enumeration techniques, graph models and graph algorithms, networks, block designs, codes, automata and computability, and genomic data analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAD6405 - Numerical Analysis

General
Course Description
Prerequisites: MAC 2313, MAS 3105 and a scientific computing language. Nonlinear equations, interpolation, numerical integration, direct and indirect solutions of linear equations, eigenvalue problems and error analysis for the above numerical methods.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAE3312 - Mathematics Methods for Elementary Teachers

General
Course Description
Prerequisites: EDG 3324. This course is designed to develop competencies in selecting methods, resources, and assessment strategies for teaching integrated mathematics with other content areas. The content strongly reflects the curriculum emphases of the National Council of Teacher of Mathematics and the Florida Sunshine State Standards and topics are presented using a process-oriented approach.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

MAE4013 - Teaching Mathematics in the Intermediate Elementary Grades

General
Course Description
Prerequisite: EEC4321
Description: This course for preservice elementary school teachers includes instructional strategies, learning activities, the design and use of manipulatives, lesson planning, evaluation of mathematical learning, and diagnostic techniques. The content strongly reflects the curriculum emphases of the National Council of Teachers of Mathematics (NCTM), the Florida Standards Mathematics, and the Common Core State Standards Mathematics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAE4320 - Special Methods: Middle Grades Mathematics

General
Course Description
Prerequisite: EDF3945
Co-requisite:EDF3946
Description: Introduction to the instructional methods, materials, and curriculum for teaching middle grades students mathematics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAE4330 - Special Methods: Secondary Mathematics

General
Course Description
Prerequisite: EDF3945
Co-requisite: EDF3946
Description: An examination of the instructional methods, materials, and curriculum for teaching secondary level mathematics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAE6317 - Teaching Elementary Mathematics Using Technology

General

Course Description
Prerequisite: Completion of specialization requirements for elementary education. Description: The focus of this course is on the application of virtual and physical mathematical manipulatives to link conceptual and procedural learning outcomes at the elementary level (K-6). Students will learn to meaningfully integrate mathematics with other subjects using a problem-solving approach.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAE6318 - Mathematics for Elementary Teachers

General

Course Description
An extension of competencies in mathematics instruction in the elementary grades.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAE6336 - Special Methods in Teaching Mathematics

General

Course Description
Prerequisite: Regular mathematics teaching certificate (Florida or its equivalent). An advanced analysis of the instructional methods, materials, curriculum, and research related to teaching secondary level mathematics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAE6871 - Mathematical Connections

General

Course Description
Prerequisites: Graduate standing in mathematics education. In this course we study connections among various branches of mathematics. These include geometry and number theory, geometry and complex numbers, surfaces and algebra, geometry and algebra (including impossible constructions), and interesting numbers such as PI, EPISILON, IOTA, EPSILON.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAE6879 - Mathematical Applications Around Us

General

Course Description
Prerequisites: Graduate standing in mathematics education. Topics will be chosen from graph theory, coding, voting and apportionment, scaling, geometric and numerical patterns in nature, probability, or other areas of application. Projects will be assigned for individual research relating mathematics to art, music, biology, game theory, or other areas of application.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN3025 - Principles of Management

General

Course Description
Prerequisite: 36 hours earned
Description: This course covers fundamentals of management which permeate organizations; including introductory studies of administrative structure, the organizational environment, and managerial functions and processes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN3504 - Operations Management

General

Course Description
Prerequisite: STA 2023
Description: This course provides an overview of methods and tools for planning and controlling the production and distribution of goods and services. Topics include: forecasting, production planning, inventory management, and other functions necessary to properly allocate, evaluate and manage resources in the supply chain processes. Managers in both manufacturing and service inter-organizational systems need to understand these topics in order to increase firm value by reducing costs and required assets while at the same time maintaining or increasing output, quality and customer service.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN4029 - Service Operations Management

General

Course Description
Prerequisite: MAN 3504
Description: The services sector of our economy continues to grow, and by some estimates, it currently makes up about 70% to 80% of the nation's GDP and employs about the same percentage of workforce. This class is focused on important operations management issues faced in services in various industries. Major topics include 1] service design considerations for quality, customers and employees etc. and 2] issues related to delivery of service such as waiting line studies, managing service expectations, yield management etc. We would consider various industries such as hospitality, restaurants, retail, healthcare etc. in public, private and the not-for-profit sectors of the economy. The various quantitative and qualitative frameworks would strive towards achieving high-quality, customer focused profitable services.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4064 - Organizational Ethics: A Global Perspective

General
Course Description
Prerequisite: MAN 3025 or permission of the instructor
Description: This course provides a thorough grounding in the principles of ethics as applied to the business firm and other organizations, the economic system of the United States and international business. It presents a summary of the field of ethics as well as an in-depth consideration of the ethics of global economic activity.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4082 - E-Business Strategy

General
Course Description
Prerequisite: MAN 3025, ISM 4011
Description: This course examines various e-business strategy models that use computer networks to improve organizational performance, including all aspects of an organization's electronic interactions with its stakeholders.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4143 - Practical Leadership

General
Course Description
Prerequisite: MAN 3025; Student must have a 2.5 GPA or higher.Description: This course gives students a practical foundation for working with and leading others. It develops students' expertise in effective leadership while exposing them to supporting academic research. All students can learn and apply the practices, no matter their levels of experience or comfort. Moreover, the competencies are critical to successfully running teams, directing groups, managing organizations, and engaging stakeholders. Students are introduced to a range of concepts including credibility, trust, vision, change, empowerment, and esprit de corps. In parallel with instructor presentations and mentoring, students gain experience working in teams and assembling an activities-based portfolio of usable resources and knowledge.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4201 - Organization Theory

General

Course Description
Prerequisite: MAN 3025
Description: This course provides an understanding of the structure of different organizations and examines where they fit in dynamic environments. A few of the topics include: organizational structure, strategy, environment, decision-making, technology, change and culture. This course gives students a theoretical foundation of organizational principles while providing a macro view of the relationship between an organization and its environment.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN4240 - Organizational Behavior

General

Course Description
Prerequisites: MAN 3025
This course examines people in organizations from both an individual and a group perspective. A few of the topics include motivation, leadership, personality, attitudes, values, stress, and politics. Students will gain a greater understanding of human behavior in organizations and how this unpredictable phenomenon impacts organizational practices.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN4294 - Creativity and Innovation in the Workplace

General

Course Description
Description: This class is designed to prepare the student in the use of creative thinking tools and a mindset equipped to explore possibilities and create options to establish a competitive advantage in an increasingly complex and uncertain environment.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN4301 - Human Resource Management

General

Course Description
Prerequisite: MAN 3025
Description: This course reviews various human resource subjects and programs. The topics include: equal employment opportunity, organization culture, job analysis, human resource planning, recruitment, selection, performance appraisal, training/development, compensation/incentives, discipline and grievance procedures. Both line managers and HR specialists need to grasp these subjects, so they can better analyze situations, select suitable situational programs, measure outcomes and revise when necessary.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4312 - Employee Relations Management

General
Course Description
Prerequisite: MAN 3025
Prerequisite or Co-requisite: MAN 4301
Description: This course provides an overview of employee relations issues and practices, such as equal employment opportunity, cultural and global diversity, training and development, disciplinary processes, labor relations, and occupational health and safety. Employee Relations emphasizes a thorough understanding of employment conditions and employment law to ensure fairness and productivity in the workplace.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4329 - Human Resources Analytics

General
Course Description
Prerequisite: MAN 4301
Description: This course examines the application of data in an HR setting. This is an advanced undergraduate course that includes topics in data collection, statistical analysis, and application. Students will engage in the process of making business decisions using data. In addition, this course will provide students with a strong foundation in analytics to begin their careers and help them succeed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4334 - Reward Systems Management

General
Course Description
Prerequisites: MAN 3025
Co-requisites: MAN 4301
Description: This course provides an overview of the rewards and recognition systems in organizations, both domestic and international, including topics such as compensation and benefits management, performance management, and formal and informal rewards and recognition programs. This course serves as an introductory course for the prospective Human Resource staff member or any manager with supervisory responsibilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

MAN4361 - Organizational Staffing

General
Course Description
Prerequisites: MAN 3025
Co-requisites: MAN 4301
Description: This course provides an overview of the staffing function in organizations, including the topics of job analysis, forecasting, recruitment, selection, retention, and turnover. It serves as an introductory course for the prospective Human Resource staff member and as a survey of responsibilities and activities for any manager with supervisory responsibilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4390 - Current Issues in Human Resource Management

General
Course Description
Prerequisite or co-requisite: MAN 4301
Description: This course is a seminar that probes current topics in human resource management in depth. Emphasis is on the impact of recent legal and societal developments on human resource management practices in areas such as, but not limited to, diversity in the workplace, sexual harassment, gender issues, discrimination, work life balance, and outsourcing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4526 - Six Sigma Applications

General
Course Description
Prerequisite: MAN3504
Description: This course is designed to develop a comprehensive understanding of Six Sigma concepts, process improvement methodologies, and related statistical tools.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4550 - Introduction to Management Science

General
Course Description
Prerequisite: STA 2023 or equivalent
Description: This course consists of a study of selected mathematical and statistical models used to aid managerial decision making. It includes sections on decision theory, integer and linear programming, simple and multiple regression and correlation, analysis of variance, simulation and network models. A specific software package is used for problem solution.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN4583 - Project Management

General

Course Description
Prerequisite: ISM 4011, MAN 3504
Description: This course is intended to demonstrate appropriate project management techniques that may be applied to all functional areas of a business such as marketing projects, human resource projects, logistics management projects, or information technology projects.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN4600 - International Management

General

Course Description
Prerequisite: MAN 3025 or permission of the instructor
Description: This course is an intensive analysis of the process, practice, and theory of international business; financial accounting, marketing, and legal aspects of multinational business operations; governmental assistance to international business; cultural environment of international business to include factors such as language, religion, values and attitudes, law, education, politics, technology, and social organization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN4702 - Emergency and Disaster Management

General

Course Description
Description: In this course we will learn how operations management can help populations affected by disasters, both locally (disaster management) and internationally (humanitarian operations). Disaster management aims to prepare for and respond to disasters. Florida is recognized nationwide for the expertise of its disaster management organizations and institutions. In the second part of the course we take an international approach. Governments and local communities in many developing countries do not have the resources needed to handle the consequences of disasters. They rely on the help from international humanitarian organizations who bring food, medicines and shelters to victims of disasters. This course will provide students with the basic skills and understanding needed to work in disaster management or international humanitarian operations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN4720 - Strategic Management and Business Policy

General

Course Description
Prerequisite: MAR 3023 or equivalent, FIN 3403 or equivalent, and MAN 3025 or equivalent and at least a 2.0 GPADescription: This course demonstrates an analysis of how functions such as sales, finance, procurement, distribution and personnel are correlated to form an integrated business policy and how corporate strategy is formulated, implemented and evaluated. This course is taken in a student's final term at UNF.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN4905 - Directed Individual Study in Management

General

Course Description
Prerequisite: Permission of the instructor
Description: This course allows students to investigate special topics in management, particularly topics of local or regional interest.
Repeatability: This course may be repeated with change of content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

MAN4930 - Special Topics in Management

General

Course Description
Prerequisite: Permission of instructor
, minimum UNF GPA of 3.5
Description: This course is a study of special topics not offered in other courses in the department.
Repeatability: This course may be repeated with change of content up to a maximum of 9 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
8

MAN4940 - Human Resource Management Internship

General

Course Description
Prerequisite: MAN 3025, MAN 4301 and prior approval of the department chair, associate dean and internship coordinatorDescription: This internship is designed to provide the student with significant experience in human resource management with a cooperating business or governmental organization. This course is offered on a pass/fail basis.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
0

MAN4942 - Management Internship

General

Course Description
Prerequisite: MAN 3025 and MAN 3504Description: This internship is designed to provide the student with significant experience in organizational management. The internship provides the student with an opportunity to apply their educational background to management issues confronted by cooperating firms.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Other Hours

Other Hours Min:
3

MAN4956 - Study Abroad in Management

General

Course Description
Prerequisite: Permission of the instructorDescription: In this course students will study a country's business practices, with a particular emphasis on management. During this course students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours Operator:
TO

Number Of Repeats:
8

MAN6002 - Cornerstones of Management

General

Course Description
Description: This is a foundation course in management for students beginning their graduate studies in the Masters of Management program. The course provides students with a basic theoretical and practical overview of management principles and skills. Topical coverage includes ethics, globalization, leadership, individual and group decision-making, motivation, and teamwork essential to the management of people in organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6056 - Cornerstones of Managing for Value

General

Course Description
Prerequisite: Foundation courses or undergraduate equivalent
Description: This is an introductory MBA course which examines the history and philosophy of business, including: ethics, the concept of value-based management, TQM, functional integration, team building, information sources, information technology, international aspects of business.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6204 - Topics in Organizational Theory

General

Course Description
Prerequisite: MAN 3025 or equivalent
Description: This course is a systematic approach to the design of structural components of organizations, for the purpose of increasing efficiency and effectiveness. Emphasis is primarily on internal and external determinants of structure and on the impact of structure on behavior in the organization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6296 - Organizational Leadership

General

Course Description
Description: This course covers theories, concepts, principles and practices of organizational leadership. Topical coverage includes leader values and ethics, vision creation and communication, change and innovation, motivation and empowerment, and rewarding and inspiring others.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6305 - Human Resource Management

General

Course Description
Prerequisite: MAN 3025 or equivalent
Description: This course focuses on an in-depth analysis of the major functions of Human Resource Management. Topics include the contexts of human resource management, staffing, employee development, compensation, and governance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6446 - Advanced Topics in Negotiation

General

Course Description
Prerequisite: MAN 3025 or equivalent
Description: This course is a broad-based examination of negotiation which includes theory based on studies of collective bargaining between labor and management. Emphasis is placed on experiential exercises and on improving interpersonal skills. Active participation in the learning process is stressed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6501 - Modeling and Management of Operations

General

Course Description
Prerequisite: ECO 6415
Description: This course provides an overview of methods and tools for planning and controlling the production and distribution of goods and services. The course includes an introduction to modeling techniques that are useful for allocating resources as well as evaluating and improving organizational processes and decisions across the firm. Managers in both manufacturing and service organizations need to understand these topics in order to increase firm value by reducing costs and required assets while maintaining or increasing output, quality, and customer service.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6525 - Process Management and Quality Improvements

General

Course Description
Prerequisite: MAN 6501
Description: This course examines how organizations can develop and leverage excellence in, and excellence through, continuously improving process performance and quality. The course examines and analyzes various process management techniques and quality improvement initiatives (e.g. six sigma and lean) and how both manufacturing and service firms can translate these activities into value and competitive advantage. This course is recommended for students from all functional areas of business and particularly those interested in a career in management, supply chain management and management consulting.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6536 - Planning and Control of Business Processes

General

Course Description
Description: The overall purpose of the course is to understand Business Process Management – to identify, define, analyze and improve the flow of activities, information as well as the financial flows in the business processes. This is sometimes referred to as the value chain. The course will provide the students with the understanding of how to plan, design, and control and improve business process. The course will also provide the students an in depth understanding of current as well as previously popular process related organizational change and

improvement methods such an lean, six sigma, tqm and bpr. When exploring these methods, students will learn about tools, techniques as well as technology for how to analyze, measure and improve organizational processes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN6557 - Cross-Functional Integration and Business Planning

General
Course Description
Description: The overall purpose of the course is to give the students tools and methods as well as principles, concepts and visionary perspectives within the subject area of Cross Functional Integration and Business Planning. The course will be divided into modules focused on cross-functional integration, and the key aspects included in integrated business planning. The role and importance of cross-functional teams, systems theory, a learning organization and project management will be highlighted. The course will also strengthen the students' holistic view of organizations and the course relates to other topic areas such as logistics/supply chain management, operations management and strategy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN6581 - Project Management

General
Course Description
This course deals with the acquisition of knowledge, skills, tools, and techniques to activities in business functional areas in order to meet the requirements of a particular project. This course involves an exploration of the project leader role, understanding the concepts of project management and techniques for controlling and optimizing the project process.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN6601 - International Management

General
Course Description
Description: This is a basic course in international business management. This course will focus on the international managerial variables that affect and influence strategic and operational decision and the conduct of business in the international environment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAN6656 - Business Environment: United States

General

Course Description
Prerequisite: Enrollment in the Global MBA Program or permission of the instructor
Description: This course examines the business environment in the United States, with particular emphasis on inter-country differences relative to Germany, Poland, and China. Students will learn about historical, political, social, environmental and economic factors that influence the business environment in the US. Particular attention will be paid to the changing relative economic power of the US resulting from globalization forces. The course requires participation in several full-day visits to companies, as well as regular classroom instruction.
Repeatability: Course may be repeated to a maximum of 3 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

MAN6666 - Applied Intercultural Communication: United States

General

Course Description
Prerequisite: Graduate standing in the Coggin College of Business
Description: This course investigates the link between U.S. culture and U.S. business practices with a focus on communication issues. Foundations of U.S. business culture, based upon national cultural orientations and their impact on organizational cultures are explored; along with structural variables. Cultural contrasts among business practices of U.S. organizations and business practices of organizations from other countries are analyzed.
Repeatability: Course may be repeated to a maximum of 3 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

MAN6724 - Strategy for Business

General

Course Description
Description: This course focuses on managing the total organization, be it for-profit, not-for-profit, or government, for long-term economic sustainability. Strategic thinking is stressed throughout the course as the cornerstone of strategy formulation. Various frameworks that include the "Resource Based View (RBV)," the Value Creation Model, the Structure, Conduct, Performance (SCP) Model and Porter's Five Forces are utilized to provide the context within which modern organizations compete. Finally, the concept of Competitive Advantage is woven into the fabric of the course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6726 - Advanced Strategic Management

General

Course Description
Prerequisite: Students must be in their last semester of graduate work, have an overall graduate GPA of 3.0 or better on their degree evaluation courses and have attained permission to register from a graduate advisor.
Description: Advanced Strategic Management (ASM) is the Capstone course of the MBA program. This course requires the student to assimilate and integrate the knowledge acquired from the functional disciplines through application utilizing a strategic framework. Further, students utilize various models and theories of firm structure and performance to understand how to evaluate, allocate, and deploy the various resources that an enterprise controls in order to develop and achieve integrated strategic objectives.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6785 - E-Business Strategy

General

Course Description
This course encompasses the study of current management issues associated with electronic commerce strategies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6789 - Social Media and Business Analytics

General

Course Description
Prerequisite: ISM 6021 and permission of instructor
Description: This course presents a managerial perspective on the effective design and use of Social Media for strategic advantage and operational performance in organizations. Information technologies (IT) can have a significant impact on the productivity of the firm and its employees, and can be applied or misapplied to various business problems. The focus of this course is to gain an understanding of the potential of a new portfolio of IT tools that are subsumed under the term Social Media. The course will also help students learn how to analyze strategies for Social Media analytics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

MAN6875 - Entrepreneurship and Venture Capital

General

Course Description
Prerequisite: Permission of the instructor
Description: This course focuses on the entrepreneurial aspects of small business development and funding.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAN6905 - Directed Individual Studies in Management

General

Course Description
Prerequisite: MAN 3025 or equivalent
Description: This course allows the MBA student to investigate selected management topics, especially those of local or regional interest.
Repeatability: The course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

MAN6931 - Special Topics in Management

General

Course Description
Description: This course is a study of special topics not offered in other courses in the department.
Repeatability: This course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
98

MAN6943 - Graduate Management Internship

General

Course Description
This internship is designed to provide graduate students with significant experience in a management field in line with their degree program. The internship provides the student with an opportunity to apply their educational background to management issues faced by cooperating firms.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

MAP2302 - (GM) Ordinary Differential Equations

General

Course Description
Prerequisite: MAC 2312. The course presents a selection of topics from first-order and second-order ordinary differential equations, Laplace transform, and systems of linear equations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP3170 - Financial Mathematics for Actuarial Science

General

Course Description
Prerequisite: MAC 2312
This course covers the content of the joint Society of Actuaries/Casualty Actuarial Society Exam FM/2 on mathematical interest theory. Topics include amount functions, interest rates and yields, force of interest, special annuity types, bonds, yield curves, interest rate sensitivity, and an introduction to the mathematics of financial derivatives.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP4103 - Mathematical Modeling

General

Course Description
Prerequisite: MAC 2313, MAP 2302, and MAS 3105
Description: This course covers the formulation, construction, and analysis of mathematical models arising in engineering, physical sciences, biological sciences, environmental studies or social sciences.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP4231 - (GM) Operations Research

General

Course Description
Prerequisites: MAS 3105 and STA 4321. This course provides an introduction to operations research and its applications. Emphasis will be on linear programming. Applications include topics from transportation and network problems, stochastic processes, queuing theory, game theory and decision theory.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP4314 - Dynamical Systems

General

Course Description
Prerequisite: MAC 2313, MAP 2302, and MAS 3105
Description: This course covers the fundamentals of dynamical systems in (continuous time) nonlinear ODEs and in (discrete time) nonlinear maps. Topics include phase portraits, periodic points, trajectories, sources/sinks/saddles, stability, bifurcations, chaotic attractor, iteration, fixed points, and Lyapunov exponents. Applications will be drawn from biology, physics, or engineering.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP4341 - (GM) Elementary Partial Differential Equations

General

Course Description
Prerequisites: MAP 2302 and MAC 2313.
This course introduces students to second-order linear partial differential equations (heat, wave and Laplace equations), Fourier series, separation of variables in partial differential equations, and applications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP6195 - Analysis of Large Data Sets

General

Course Description
This course covers analysis of large data sets using applied data engineering which includes the decision-making processes, domain-specific expertise as well as the applied data engineering life cycle including data mining and data literacy through practical case studies for real-world applications. The course also covers an overview of practical data visualization, ethical considerations, and governance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP6246 - Linear Programming

General

Course Description
This course integrates linear programming principles with data science tools and methodologies to address complex real-world optimization challenges. Topics include the simplex and interior-point methods; parametric programming and post-optimality analysis; duality matrix games, linear systems solvability theory and

linear systems duality theory; polyhedral sets and cones, including their convexity and separation properties and dual representations; equilibrium prices, Lagrange multipliers, sub-gradients and sensitivity analysis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

MAP6336 - Ordinary Differential Equations

General

Course Description
Prerequisites: MAP 2302, MAA 4211 and MAS 3105. Existence and uniqueness theorems, properties of solutions of ordinary differential equations, linear and non-linear systems, stability.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP6345 - Partial Differential Equations

General

Course Description
Prerequisites: MAP 2302, MAS 3105 and MAA 4211. First order equations; classification of second order linear equations; wave, heat, and Laplace equations; separation of variables and Fourier Series.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP6385 - Scientific Computing

General

Course Description
Emphasis will be on the practical aspects of implementing numerical schemes and the use of well established software packages. Some consideration will be given to stability and accuracy questions. Topics may include: numerical solutions of nonlinear equations, interpolation, simulation and optimization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAP6489 - Mathematical Biology

General

Course Description
Prerequisite: MAP 2302, MAS 3105, and MAA 4211
Description: This course covers basics of mathematical models which are used to study population dynamics, diseases, and cells. Techniques covered include ordinary differential equations, and discrete and continuous dynamical systems. Analytical and numerical tools suitable for analysis and visualization of the solutions of these problems are presented.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAP6605 - Topics in Financial Mathematics

General
Course Description
Prerequisite: MAA 4211 and 4212, STA 4321, or permission of the department. Topics will include an introduction to options and derivatives, pricing via arbitrage, binomial and multi-period models, Brownian motion, Ito integral, Black-Scholes stochastic differential equation, and application to option pricing, hedging, valuing by utility, and exotic options.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MAR2905 - Special Topics in Marketing

General
Course Description
Prerequisite: Permission of the instructor
Description: This course focuses on special topics not offered in other courses in the department.
Repeatability: This course may be repeated up to 3 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

MAR3023 - Principles of Marketing

General
Course Description
Description: This course is an introduction to the process of planning market programs for goods and services. Techniques of analyzing the market and its environment are introduced as background for making decisions in product planning, promotion, distribution and pricing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR3522 - The Pursuit of Happiness in a Consumption-Driven World

General

Course Description
This course is at the intersection of consumption and well-being. It focuses on the ways goods, services, and ideas impact consumers and society, for better or for worse. Discussions center around the role of consumption and exchange in human happiness, the impacts of inadequate consumption or overconsumption, and stakeholders who stand to gain from these exchanges.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR3702 - Principles of Digital Transformation in Business

General

Course Description
Description: Today, every professional job has a digital component to it. Digitization impacts all industries and all business processes. This course inspires students to embrace today's profound transformation of business and organizational activities, processes, competencies and models to leverage the opportunities of a mix of digital technologies and their accelerating impact across society in a strategic and prioritized way, with present and future shifts in mind. It provides students with first-hand understanding of the elements driving digital transformation (like the Internet of Things, Drones, Artificial Intelligence, Big Data, Data Analytics, Social Media & Digital Marketing, Virtual and Augmented Reality, Telemedicine, Robotics)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR3930 - Selected Topics in Honors in Marketing

General

Course Description
Prerequisite: MAR 3023Description: This course aims to build practical business skills by integrating and reiterating theory, skills, and knowledge in a context of starting a professional career. This course contributes to the requirements for graduating with the designation of Honors in Marketing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4104 - Social and Ethical Issues in Marketing

General

Course Description
Prerequisite: MAR 3023
Description: The focus of this course is upon social and economic issues confronting marketing decision-makers in a dynamic, pluralistic society. Marketing managers are responsible for accomplishing organizational financial objectives while simultaneously protecting and advancing societal interests. This dual responsibility presents an inherent conflict, or tension, for marketing decision-makers who are responsible for short-term economic performance and long-term social welfare. Through lecture, case analyses, and debates, students are exposed

to a variety of marketing situations where potential conflicts, or tensions, arise between organizational and social objectives.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR4156 - International Marketing

General
Course Description
Prerequisite: MAR 3023
Description: This course is a study of the significance of international markets to multinational firms, with emphasis on the presentation of a conceptual framework for marketing within foreign countries.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR4206 - Marketing Channels: Strategy, Structure, and Management

General
Course Description
Prerequisite: MAR 3023
Description: This course investigates the nature and role of marketing channels and intermediaries. It focuses upon the design of distribution systems consonant with chosen positioning strategies in order to effectively and efficiently move offerings from origination to points of consumption. It addresses the major normative questions pertaining to channel design and functioning, including consideration of integration strategies, channel member motivation, coordination, and control, and legal constraints on channel functioning. It addresses the impact of alternative forms on channel performance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR4231 - Retail Management

General
Course Description
Prerequisite: MAR 3023
Description: This course examines marketing and management concepts which relate directly to the retail organization and includes an analysis of pricing, buying, credit promotion, personnel and control.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR4323 - Advertising Management

General

Course Description
Prerequisite: MAR 3023
Description: This course is concerned with planning and managing programs for advertising products and services. This course involves preparatory research; setting of objectives; planning of budget, media, and creative programs and evaluation of advertising effectiveness.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4325 - Social Media Marketing Strategy

General

Course Description
Prerequisite: MAR 3023
Description: Social media has become an emerging and essential marketing communication channel for firms. Due to its fast-growing, innovative, and ever-evolving nature, social media has not been well understood from a strategic marketing perspective. Therefore, this course will focus on understanding social media and will examine the strategic use of social media for developing and implementing effective marketing strategies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4333 - Integrated Marketing Communications Management

General

Course Description
Prerequisite: MAR 3023
Description: Integrated marketing communications involves the development of marketing strategies and creative campaigns that weave together multiple forms of communication media (advertising, public relations, promotion, social media, etc.) to suit the particular messaging goals for a brand. The course exposes students to how both traditional and nontraditional tools of promotion are integrated to effectively communicate brand messages to both customers and stakeholders. It emphasizes the principles of branding and communications theory, the role of different tools in the promotional mix, their benefits in contributing to an integrated communications plan, the formulation of an integrated marketing communications plan, and the identification of ethical, social, and legal implications of integrated brand messages to customers and stakeholders.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4400 - Professional Selling

General

Course Description
Prerequisite: MAR 3023
Description: This course focuses on the importance of communication, including nonverbal expression, as a means to successful negotiations. This course is skills oriented and emphasizes interactive, non-manipulative techniques. In addition to providing in-depth exposure to professional selling, this course assists students in making a professional career choice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4403 - Sales Management

General

Course Description
Prerequisite: MAR 3023
Description: This course consists of the analysis and decisions involved in developing a business firm's sales plan, providing organizational and leadership support for it, and evaluating performance to increase sales force productivity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4503 - Consumer Behavior

General

Course Description
Prerequisite: MAR 3023 Recommended prerequisite: SOP 3004
Description: This course provides an analysis of the behavioral factors affecting demand. Consideration is given to the purchasing behavior of the industrial buyer and the ultimate consumer.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4613 - Marketing Research and Information

General

Course Description
Prerequisite: MAR 3023
Description: This course is a study of research methods and information-gathering techniques which are applicable to problem solving in the field of marketing. Consideration is given to interpretation and use of information available.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4615 - Introduction to Marketing Analytics

General

Course Description
Prerequisite: MAR 3023 and STA 2023
Description: Analytics is defined as finding meaningful patterns in data. This overview course explores the very broad topic of analytics by focusing on the aspects most important to marketing managers in firms seeking to better discover data patterns and incorporate them into decisions. Students will learn the foundations of analytics, including preparing and managing modest-sized data sets, exploring and analyzing data with appropriate statistical tests, and communicating results to managers using effective language and visualizations. This course focuses on practical analysis and communication of results to managers to use in the decision-making process. Those successfully completing the course should feel

comfortable approaching marketing data to discover meaningful patterns and communicate clear, understandable results that will facilitate decision making in all areas of marketing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR4663 - Marketing Models

General
Course Description
Prerequisite: MAR 3023
Description: This course examines the development of formal structures and the application of optimization techniques in the analysis of marketing data. Topics covered may include: market segment analysis, sales forecasting, advertising impact projections, media mix determination, new product diffusion processes and brand loyalty models.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR4721 - Digital Marketing Strategy

General
Course Description
Prerequisite: MAR 3023
Description: This course encompasses a study of digital marketing strategies and practices and provides a detailed understanding of digital channels and platforms. The focus of this course is on gaining knowledge of how to develop an integrated digital marketing strategy, from formulation to implementation.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR4803 - Strategic Marketing

General
Course Description
Prerequisite: MAR 3023, MAR 4503, MAR 4613 and senior standingDescription: The focus of this course is on decision making for marketing strategy formulation and implementation. The course employs an integrated, interdisciplinary approach using economic, behavioral, and quantitative concepts in analyzing and solving marketing problems. The course pedagogy includes case study and simulation gaming.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR4841 - Services Marketing

General

Course Description
Prerequisite: MAR 3023
Description: This course provides an examination of marketing in services industries with particular emphasis on unique aspects of services marketing, the services marketing mix and the implementation of services strategies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4906 - Special Topics in Marketing

General

Course Description
Description: This course is a study of special topics not offered in other courses in the department.
Repeatability: This course may be repeated with change of content up to a maximum of 9 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

MAR4913 - Directed Individual Study

General

Course Description
Prerequisite: Permission of the instructor
Description: This course is a study of special topics in marketing, particularly topics of local or regional interest under faculty guidance.
Repeatability: This course may be repeated with change of content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

MAR4939 - Professional Development Seminar

General

Course Description
Prerequisite: MAR 3023 with B or better, overall GPA or UNF GPA of 3.2Description: This course covers the personal, interpersonal, technical, practical, and professional skills employers expect business majors to have.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR4941 - Internship in Marketing and Supply Chain Management

General

Course Description
Prerequisite: MAR 3023 and approval of an advisor and internship coordinatorDescription: This course provides students with significant experience in marketing, supply chain management, transportation and/or logistics. The internship provides the student with the opportunity to apply their educational training to marketing and supply chain issues confronting cooperating firms. Grading is on a pass/fail basis.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
0

MAR4955 - Study Abroad in Marketing

General

Course Description
Description: This course allows students to study a country's business practices, with a particular emphasis on marketing. During this course, the student will understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6055 - Fundamentals of Marketing

General

Course Description
Description: This course covers the foundations of marketing which provide a systematic approach for making marketing decisions. It includes planning and executing the conception, pricing, promotion, and distribution of ideas, goods, and services.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6158 - International Marketing

General

Course Description
Prerequisite: MAR 6805
Description: This course is an in-depth study and analysis of the role of marketing in international trade. Attention is also focused on the functions of multinational marketing and the construction of a multinational marketing strategy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6206 - Marketing Channel Systems

General

Course Description
Prerequisite: MAR 6805
Description: This course investigates the nature and role of marketing channels and intermediaries. Major marketing strategy problems such as designing channel objectives and constraints, distinguishing major channel alternatives, and motivating, evaluating and controlling channel members will be analyzed. This course is an elective in the MBA program.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6336 - Integrated Marketing Communications

General

Course Description
Prerequisite: MAR 6805
Description: This course involves the development of marketing strategies and creative campaigns that weave together multiple forms of communication media (advertising, public relations, promotion, social media, etc.) to suit the particular messaging goals for a brand. The course builds upon marketing principles to focus upon the broader promotional mix as a crucial component of marketing strategy. The course exposes students to how both traditional and nontraditional tools of promotion are integrated to effectively communicate brand messages to both customers and stakeholders.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6409 - Relationship Marketing

General

Course Description
Prerequisite: MAR 6805
Description: Relationship marketing is a business strategy paradigm that focuses on the systematic development and maintenance of collaborative exchange relationships both internal and external to the firm. This course explores the emerging paradigm of relationship marketing, provides a structure and overview of its relevant dimensions, demonstrates its application in contemporary marketing management, and appraises and evaluates its future as a business strategy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6506 - Consumer Behavior

General

Course Description
Description: This course provides an analysis of the behavioral factors affecting demand. Consideration is given to the purchasing behavior of the industrial buyer and the ultimate consumer.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6616 - Marketing Research

General

Course Description
Description: This course is a study of research methods and information-gathering techniques which are applicable to problem solving in the field of marketing. Consideration is given to interpretation and use of information available.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6726 - Digital Marketing Analytics

General

Course Description
Prerequisite: MAR 6805 or permission of the instructor and ECO 6415
Description: This course encompasses the formulation and implementation of a digital strategy and related strategic marketing plan for a product/service offering on the Internet including the use of analytics to create and improve digital marketing strategy. (3 credit hours)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAR6735 - Consumer Analytics

General

Course Description
Prerequisite: MAR 6805 or instructor permission and ECO 6415
Description: This overview course explores the broad topic of analytics by focusing on the aspects important to marketing managers such as segmentation, targeting, positioning, product innovation, promotion strategy, and customer lifetime value. Through interactive classes students will learn the foundations of marketing analytics including preparing, managing, exploring, and analyzing marketing data with appropriate statistical tests, and communicating results to executives using effective language and visualizations. This course is less about building models and more about practical analysis and communication of results. Those successfully completing the course should feel comfortable approaching marketing data to discover meaningful patterns and communicate results that will facilitate decision making in all areas of marketing. (3 credit hours)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR6805 - Marketing Strategy

General
Course Description
Prerequisite: MAN 5036 or MAR 3023
Description: This course includes a study of the development and implementation of marketing strategy to provide for superior customer, value, satisfaction, and loyalty. Topics include: mission/vision development, environmental scanning, SWOT analysis, marketing goals and objectives, and segmentation, targeting, differentiation, positioning and growth strategies. Emphasis is placed on relationship building, globalization, internal marketing, quality management, and entrepreneurship. Case studies will be emphasized .

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MAR6916 - Directed Individual Study

General
Course Description
Prerequisite: MAR 6805
Description: This course allows the student to investigate special marketing topics, especially those of local and regional interest under faculty guidance.
Repeatability: This course may be repeated for up to 6 credits with different course content.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

MAR6933 - Special Topics in Marketing

General
Course Description
Prerequisite: Permission of the instructor
Description: This course consists of analysis and discussion of advanced problem areas in marketing.
Repeatability: This course may be repeated for up to 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
1

MAS3105 - (GM) Linear Algebra

General

Course Description
Prerequisite: MAC 2312. This course covers matrix algebra, Gaussian elimination, determinants, Euclidean spaces, linear transformations, eigenvalues, eigenvectors, and vector spaces.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● - Billing Hours

Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAS3203 - (GM) Number Theory

General

Course Description
Prerequisite: MAC 2312.
This course investigates properties of integers, including the division and Euclidean algorithms, prime factorization, congruences, and Diophantine equations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAS4156 - (GM) Vector Analysis

General

Course Description
Prerequisite: MAC 2313.
This course covers vector fields, curl, gradient, divergence, line and surface integrals, Green's theorem, Stokes' theorem, the divergence theorem, and physical applications.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAS4301 - (GM) Abstract Algebra I

General

Course Description
Prerequisites: MAS 3105, MHF 3202 and another mathematics or statistics course with a prerequisite at or above the level of Calculus II. An introduction to the basic concepts of abstract algebra. Topics will be selected from groups, rings, and fields.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

MAS4302 - Abstract Algebra II

General

Course Description
Prerequisite:MAS 4301
This is a continuation of MAS 4301 intended to continue building upon fundamental concepts of Abstract Algebra I. Topics covered include, but are not limited to, the structure of groups and their subgroups, rings, unique factorization, Euclidean domains, and fields.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAS4900 - Research Experience in Mathematics – Independent Study

General

Course Description
Co-requisite: MAS 4932Description: Students will work with an advisor to complete their Capstone paper and presentation.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
0

MAS4932 - Capstone Experience in Mathematics

General

Course Description
Prerequisite: Senior standing, permission of the Department and a C or better in the following tracks:Mathematics Track: MAA 4211 or MAS 4301. Applied Mathematics Track: MAA 4211 or MAD 4401Discrete Analysis Track: Two of the following: MAD 4203, MAD 4301 or MAD 4505. Description: The instructor will determine the structure of the course, choosing among student-conducted course projects, student research, and/or seminars. The course will result in a student paper and presentation.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MAS6145 - Advanced Linear Algebra

General

Course Description
Prerequisite: MAS 3105. Vector spaces, linear transformations, eigenvalues and eigenvectors, similarity transformations, positive definite matrices, canonical forms and other topics in linear algebra.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAS6218 - Topics in Number Theory

General

Course Description
Prerequisites: MHF 3202 and MAS 3203 or MAD 3107 or permission of the instructor
This course will consist of topics from analytic, algebraic, computational, or elementary number theory. Possible topics include, but are not limited to: congruences, reciprocity laws, quadratic forms, prime number theorem, Diophantine equations, Gaussian sums, quadratic residues, number fields, class number, units, and partitions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAS6311 - Abstract Algebra

General

Course Description
Prerequisite: MAS 4301 or permission of instructor. Algebraic structures, sub structures, quotient structures, modules, algebras and field extensions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAS6933 - Topics in Algebra

General

Course Description
Prerequisites: MAS 4301 or permission of instructor. Selected topics from ring theory, group theory, algebraic geometry, algebraic number theory, category theory, homological algebra.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
0

MAS6938 - Topics in Applied Algebra

General

Course Description
Prerequisites: MAS 4301 and permission of the department. This course will consist of topics such as combinatorics, graph theory, coding theory, automata theory or design theory.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAT1033 - Intermediate Algebra

General

Course Description
This course is designed for students who require additional skills in algebra prior to College Algebra. The major topics include sets and real numbers, linear equations and inequalities with applications, polynomials and factoring, algebraic fractions, exponents, roots and radicals, quadratic equations, graphs, and systems of linear equations with applications. Students may not use this course to substitute for any of the College Algebra type courses: MAC1101C Intensive College Algebra with Recitation, MAC1105 College Algebra, or MAC1105C College Algebra with Recitation. This course cannot be used towards satisfying the General Education requirement in mathematics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MAT3930 - Selected Topics in Mathematical Science

General

Course Description
Prerequisite: Permission of the department.
Description: This course will cover topics in mathematics selected by the instructor. The course may be repeated for a total of 12 credits with permission of the department.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
3

MAT4906 - Directed Individual Studies

General

Course Description
Description: This course may be repeated for a total of 12 credits with permission of the department.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

MAT4931 - Special Topics in Mathematical Science

General

Course Description
Prerequisites: Permission of the department.
Description: This course will cover topics in mathematics selected by the instructor. The course may be repeated for a total of 12 credits with permission of the department.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
3

MAT6908 - Directed Individual Study

General

Course Description
Prerequisite: Permission of the department. May be repeated for 9 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

MAT6933 - Special Topics in Mathematics

General

Course Description
Prerequisite: Permission of the department. May be repeated for 9 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

MAT6971 - Thesis

General

Course Description
Prerequisite: Permission of the department. May be repeated for 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

MCB2010C - Microbiology

General

Course Description
Prerequisites: BSC 1010C and CHM 1025 and CHM 1025LDescription: The spectrum of the microbial world with emphasis on cell structure, reproduction, and physiology. Three hours lecture, four hours laboratory. Course Fees: $71.93

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ - Billing Hours

Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

MCB3020C - Microbial Biology

General

Course Description
Prerequisites: BSC 1010C, BSC 1011C, BSC 2012C, CHM 2045C and CHM 2046C. The diversity of the microbial world will be examined by characterizing requirements, growth and metabolism of representative microbes. This course will introduce microbial genetics symbiotic associations, immunology and pathogenicity. This is intended for science majors as an introductory course in microbiology. Three hours lecture, four hours laboratory.
Course Fees: $66.93

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ - Billing Hours

Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

MCB4021C - Molecular Biology Techniques

General
Course Description
Prerequisite: PCB 3023C or by permission of the instructor
This laboratory-intensive course exposes students to modern molecular biology techniques. Students will receive instruction related to recombinant DNA and protein technologies. Experimental design and data analysis will also be addressed.
Course Fees: $71.93

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

MCB4203 - Pathogenic Bacteriology

General
Course Description
Prerequisite: BSC 2012C and MCB 3020C or MCB 2010C
Description: This course will develop into the biological basis of infectious disease. It will emphasize bacterial infection, the principles of the host-parasite relationship, the pathogenic characteristics and virulence factors of microorganisms, and the various modes of action of antimicrobial agents. Three hours lecture.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MCB4503 - Virology Lecture

General
Course Description
Prerequisites: PCB 3023C, MCB 2010C or MCB 3020C
A structure/function approach to understanding the virus lifecycle will be used to investigate animal, bacterial, plant and insect viruses. Focus on the history of Virology, virus structure, genetics, biocontainment and current topics will assist in the understanding of the nature of viruses and unconventional agents. Three hours lecture.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MCB5024C - Advanced Molecular Biology Techniques

General
Course Description
Prerequisite: PCB 3023C or by permission of the instructor
This course will provide students with skills necessary to participate in biomedical research programs. Modern biology techniques related to recombinant DNA and proteins will be presented and practiced within a laboratory setting. Experimental design, data analysis, and data presentation will also be addressed.
Course Fees: $71.93

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

MCB5205 - Pathogenic Bacteriology

General
Course Description
Prerequisite: MCB 2010C or MCB 3020C
Description: This course will delve into the biologic basis of infectious diseases. It will emphasize bacterial infections, the principles of the host-parasite relationship, the pathogenic characteristics and virulence factors of micro-organisms, and the various modes of action of antimicrobial agents. Three hours lecture.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MCB5505 - Advanced Virology

General
Course Description
Description: A structure/function approach to understanding the virus lifecycle will be used to investigate animal, bacterial, plant, and insect viruses. Focus on the history of Virology, virus structure, genetics, biocontainment, and current topics will assist in the understanding of the nature of viruses and unconventional agents. Current review of primary literature is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MGF1106 - (GM) Finite Mathematics

General
Course Description
Prerequisite: MAT1033.
Description: This course is primarily for non-science and non-business majors who need to fulfill the general education math requirement. It presents the study of mathematical concepts that arise in real world applications. Topics may include linear equations and inequalities, matrices and systems of linear equations, counting techniques and elementary probability, game theory with applications, logic, and mathematics of finance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MGF1107 - (GM) Explorations in Mathematics

General

Course Description
Prerequisite: MAT 1033
Description: This course is primarily for non-science and non-business majors who need to fulfill the general education math requirement. This course promotes the appreciation of applied mathematics. MGF1106 Finite Mathematics is not a prerequisite for this course. Topics may include number theory, voting theory, rates of growth, geometry, and graph theory.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MGF1113 - (GM) Mathematics for Teachers I

General
Course Description
This course provides an introduction to Problem-Solving Processes, Strategies for Problem-Solving Sets and Numeration, Whole Numbers, Integers, Rational Numbers, Geometric Shapes, and Measurement and Geometry.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MGF1130 - Mathematical Thinking

General

Course Description
Prerequisite: MAT 1033
Description: In this course, students will utilize multiple means of problem solving through student-centered mathematical exploration. The course is designed to teach students to think more effectively and vastly increase their problem-solving ability through practical application and divergent thinking. This course is appropriate for students in a wide range of disciplines/programs.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHF3202 - (GM) Foundation of Mathematics

General
Course Description
Prerequisite: MAC 2312
Description: This course provides a transition to higher mathematics with strong emphasis on proof writing skills. Topics include a brief introduction to logic, methods of proof, including mathematical induction, sets, countability and cardinality, functions and relations. Topics may also be chosen from calculus, number theory and abstract algebra.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

MHF3404 - (GM) History of Mathematics

General

Course Description
Prerequisite: MAC 2312.
This course will cover the history of mathematical ideas on numbers, geometry, algebra, and calculus. Examples of mathematical concepts will be drawn from Egyptian, Mesopotamian, Hindu, Arabic, Chinese, and European civilizations. Biographies of mathematicians also will be included.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS5005 - Introduction to School Counseling

General

Course Description
This foundational course is designed to introduce students to the school counseling profession at P-12 levels, focusing on the trends, roles and expectations of effective practices. Students will be introduced to basic counseling techniques and procedures needed in the P-12 school context. Emphasis will be placed on cultural diversity and the school counselor roles as leader and advocate for social justice practices.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS5403 - Expressive Arts and Creativity in Counseling

General

Course Description
Description: The course provides practical experience using expressive arts, and creative approaches in mental health counseling. It encourages the development of counselor self-care and self-exploration using the creative process, and addresses how expressive arts and creative approaches enhance the counseling process from a variety of theoretical counseling frameworks.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6070 - Psychopathology

General

Course Description
Description: An overview of abnormal behavior and knowledge of the basic criteria for categorizing mental disorders, using the DSM-IV. Includes a survey of the theoretical models of maladaptive behavior, as well as case studies to facilitate understanding of the breadth and complexity of reliable diagnosis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6120 - Clinical Counseling Skills for Advanced Practice Nurses

General

Course Description
This is an academic and training experience designed to promote students' acquisition and development of specific skills in verbal and nonverbal communication and human relations. Students will learn fundamental skills in active listening, reflecting content, responding empathetically, as well as advanced skills such as reframing, confrontation, and interpretation. Students will also learn how to identify clients' issues and apply appropriate psychiatric and mental health counseling strategies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6205 - Clinical Assessment and Diagnosis

General

Course Description
Description: The purpose of this course is to familiarize students with the criteria for categorizing mental disorders using the current Diagnostic and Statistical Manual of Mental Disorders(DSM) and the International Statistical Classification of Diseases and Related Health Problems(ICD). Theories of abnormal and maladaptive behaviors will also be covered, prioritizing the biopsychosocial model. Students will be presented with assessment and evaluation concepts, terminology, and methodology, including the psychometric statistics underlying commonly used tests and assessments. The course will emphasize how testing and assessment informs the diagnostic and treatment planning processes as well as the implications of diagnosis and testing for diverse cultural communities.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6305 - Career Counseling

General

Course Description
This course is designed to familiarize students with professional career growth through an examination of foundational tenets of career theories for the purpose of assessing clients' skills and aptitudes to provide effective career counseling The course is also designed to help counselors-in-training gain a better understanding of the relationship between career choices and personality traits and emotional states, and how the these components are essential to optimize job/career success.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6401 - Clinical Mental Health Counseling in Community Settings

General

Course Description
Description: This course addresses current issues in the provision of counseling services in community and agency settings. Students will become familiar with mental health services across the continuum of care including inpatient, outpatient, partial treatment and aftercare. Current controversies regarding managed care and accountability, and public mental health policy will be explored. Practical applications include the development of methods for assessing community needs for counseling services, managing mental health services and programs, engaging in case conceptualization, treatment planning and documentation, practicing consultation, and providing clinical supervision.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6402 - Overview of Brief Counseling

General
Course Description
Description: This course provides opportunities for students to hone their skills in the application of solution-focused counseling in a variety of mental health settings. Classes will involve a combination of discussion, skill-building exercises, and student presentations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6404 - Theories in Clinical Mental Health Counseling

General
Course Description
The purpose of the course is to provide an overview of theories of counseling and psychotherapy, with an emphasis on mental health and clinical application of these theories. The course will focus on counseling theory, both in general and within the field of mental health counseling. Through readings, discussions, and observations students will gain a better understanding of human behavior and the issues confronted daily by those involved in clinical settings. Major counseling theories will be examined, applied, and translated to practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6405 - Advanced Counseling

General
Course Description
Description: This course provides students with opportunities to reinforce and synthesize the skills and competencies they need in order to further their development into effective mental health counseling practitioners. This course addresses several important aspects of mental health treatment including: clinical assessment and diagnosis, treatment planning, and clinical documentation. Students will explore and practice specific therapeutic interventions designed to aid clients in modifying affect, cognition, and behaviors.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6407 - Theories of Counseling

General
Course Description
Description: This course provides counselors in school and mental health settings with knowledge of personality and counseling theories. The role of theory in the counseling of children, youth, and adults will be emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6421 - Counseling Children and Adolescents

General
Course Description
Prerequisite: MHS 6482, MHS 6006, MHS 6400
Description: This course concerns the helping relationship between the counselor, children and adolescents. Emphasis is placed on the application of theoretical models and specific techniques required to counsel children and adolescents in both school and mental health settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MHS6423 - Psychotherapy with Children and Adolescents

General
Course Description
Description: This course will explore the etiology, epidemiology, clinical course, and diagnoses of mental health disorders in children and adolescents. Students will review developmental theories pertaining to children and adolescents and learn effective, empirically supported interventions for disorders including but not limited to ADHD, Autism Spectrum Disorders, Disruptive Behavior Disorders, Anxiety Disorders, Depression, and Bipolar Disorders.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6428 - Counseling Diverse Populations

General
Course Description
Designed to provide students with knowledge of diverse populations and the skills necessary to counsel individuals with diverse needs.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6430 - Introduction to Family Counseling

General
Course Description
Prerequisite: MHS 6006. This course is designed to provide students with a comprehensive overview of contemporary theories and practices in family counseling. Students will acquire knowledge of psycho dynamic, humanistic, systems, structural, communication/strategic, and behavioral/cognitive approaches to working with families. Special emphasis will be placed on professional issues and ethical practices in family therapy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6444 - Animal Assisted Treatment and Education

General
Course Description
Prerequisite: HSC 6601Description: An advanced practice course in the incorporation of animals and the human-animal bond into clinical treatment and/or educational processes and settings. An archival history of animals in healthcare, education and humans services will be explored. Practical application of current ethics, standards of practice, evidence based clinical theories and academic pedagogy applicable for Animal Assisted Treatment and Education will be addressed in depth. Personal and professional growth and development including live goal directed experiences with horses and dogs is including in this course and mandatory for completion. The experiential portion of this course meets the requirement of supervised clinical experience in accordance with the American Counseling Association standards of practice (2017).

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6448 - Grief and Loss in Counseling

General
Course Description
Description: This course is designed to introduce students to the knowledge and skills needed to effectively respond to individuals, families, groups, and communities that have experienced both symbolic and tangible loss. The topics covered in the course include: theories of normal and complicated grief, grief reactions and the factors that influence them at different stages of the lifespan, cultural and spiritual influences, vicarious trauma and the impact of loss, working with grief in the helping professions, and the skills and strategies that address the therapeutic needs of both vulnerable and resilient populations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6450 - Addictions Counseling

General
Course Description
Description: This course is designed to prepare students for the challenges of working with clients who have substance and/or process addictions. Students will acquire knowledge in assessment, individual and group treatment approaches, and in crisis intervention and prevention strategies. This course emphasizes the acquisition of counseling skills and provides opportunities for students to practice skill building.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6470 - Sexual Issues in Counseling

General
Course Description
Description: This course is designed to provide mental health counseling students and other individuals in the mental health field with an introduction to sexual issues in counseling. The course will cover theories of human sexuality, sexual dysfunctions, sexual deviations, and life adjustments in sexuality. Students will learn principles of assessment and formulation of sexual problems and will gain skill in treatment of sexual issues.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6482 - Personality and Life Span Development

General
Course Description
Description: This course provides students with knowledge of personality and human development theories and research throughout the lifespan. Dynamics of personality and behavior, as well as their implications for counseling at each developmental stage will be presented.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6486 - Human Development Across the Lifespan

General
Course Description
This course is designed to familiarize clinical mental health counseling students about psychosocial elements of human development across the lifespan, including various developmental stage theory, tasks related to each stage and maladaptive behaviors related to unsuccessful fulfillment of psychosocial stages. Students will learn how translate development theory into effectual counseling techniques and strategies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MHS6510 - Group Counseling

General

Course Description
Description: This course is designed to provide students with theoretical knowledge and skills appropriate for counseling in a group setting. Students will participate in an on-going group, will learn and demonstrate group leadership skills, and will design, conduct, and evaluate a structured group counseling program.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6530 - Group Work for School Counseling

General

Course Description
Description: This course provides theoretical and experiential understandings of group types, purpose, development, dynamics, theories, methods, skills, and group approaches in educational settings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6600 - Seminar: Consultation Skills

General

Course Description
Description: This course is an examination of consultation models appropriate to education and human services. This course develops basic skills in consultation with parents, teachers and other professionals.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6610 - Clinical Supervision in Counseling

General

Course Description
Prerequisite: MHS 6006, MHS 6400 and MHS 6510
Co-requisite: MHS 6830
Description: This course is designed for advanced graduate students and practicing counseling professionals. The course focuses on models and techniques of clinical supervision, as well as issues in supervision and evaluative methods. Students will study various approaches to supervision, practice with supervisees in a field experience, and create a supervision guide book.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
0

MHS6700 - Legal, Ethical, and Professional Issues in Counseling

General

Course Description
Description: This course is designed to provide an overview of the legal, ethical, and professional issues in counseling to help you develop an understanding and awareness of knowledge and skills related to ethical decision making and practice, professional identity development, professional preparation standards and credentialing requirements, crisis intervention skills and life-long professional development, self-reflection, and self-care. Attention will be given to the Florida laws and rules that govern the practice of counseling as well as the ACA Code of Ethics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6780 - Legal, Ethical, and Professional Issues in School Counseling

General

Course Description
Description: Students in this course will survey ethical, legal, and professional issues facing the school counselor. School counselors function in an environment regulated by state and federal laws, court decisions, certification, cultural diversity issues and school board rules. Using case studies, students will explore and demystify some of the legal complexities through an exploration of American Counseling Association Code of Ethics and Standard of Practice, federal law, case law, state statutes, multi-cultural community standards and school board rules. Students will learn how these assist in the protection of students, parents and the school counselor. Students will host a conference and present their research projects from EDF 6480 at this conference.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6800 - Practicum in Mental Health Counseling

General

Course Description
Description: The practicum in clinical mental health counseling is the initial supervised field site experience that allows student to assimilate didactic information with clinical performance and gives them time to build their counseling skills before entering internship.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

MHS6830 - Internship in Mental Health Counseling

General

Course Description
Description: The two 3-hour internships are the culminating clinical experiences in the Clinical Mental Health Program. Supervision is provided by Clinical Mental Health Counseling Faculty as well as qualified site supervisors at each clinical site.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

MHS6876 - Clinical Research and Outcome Eval in Mental Health Counseling

General

Course Description
Counseling professionals are expected to be accountable for determining and communicating clinical and program effectiveness. Therefore, the purpose of this course is to familiarize students with the basic concepts and statistical skills necessary to determine counseling outcomes and evaluation of clinical counseling programs. As a result, course instruction will center on research design, quantitative data analysis, and interpretation and reporting of the data.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6905 - Directed Individual Study

General

Course Description
Description: This course will allow students to explore topics of interest to them under the guidance of a CMHC faculty member. This involves intensive experience in design, implementation, analysis, and writing of mental health research. During the full semester, a minimum of nine hours per week of research involvement under faculty supervision is required.
Repeatability: This course is repeatable one time for a maximum of six credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

MHS6930 - Special Topics in Counselor Education

General

Course Description
Prerequisites: Variable. In-depth study of particular counseling strategies, theories, methodologies or populations. Variable titles may include topics such as Counseling Children, Cognitive Therapy or Counseling the Aging. May be repeated up to 30 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
29

MHS6931 - Contemporary Problems and Issues

General

Course Description
Exploration of selected contemporary topics relevant to counselors in the area of social and cultural foundations. Topics include trends and changes in gender roles; multicultural and pluralistic characteristics and concerns of selected subgroups; and societal issues such as stress or substance abuse.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
0

MHS6941 - Clinical Counseling Skills

General

Course Description
This is an academic and training experience designed to promote students' acquisition and development of specific skills in verbal and nonverbal communication and human relations. Students will learn fundamental skills in active listening, reflecting content, responding empathetically, as well as advanced skills such as reframing, confrontation, and interpretation. Students will also learn how to identify clients' issues and apply appropriate counseling strategies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MHS6970 - Thesis A

General

Course Description
Prerequisite: MHS 6876
Description: In this course, students will start the process of developing their thesis with the guidance of their thesis advisor and their second reader. Their thesis proposal will be presented to and approved by their thesis committee. The course will culminate with completion of the first 3 chapters of their thesis: Introduction, Literature Review, and Methodology.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
5

MHS6971 - Thesis B

General

Course Description
Prerequisite: MHS 6970
Description: In this course, students will conduct their data collection and data analysis. Students will apply the strategies of quantitative or qualitative data analysis, and the thorough interpretation and reporting of data. This course will culminate in a completed thesis and a Thesis Defense that will be presented to and approved by the committee

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
5

MMC1004 - Media Literacy

General

Course Description
This course is designed to acquaint the student with the nature of mass media systems and their impact on society. The course seeks to generate an understanding of production methods, economic influences and behavioral effects of media.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC2701 - Communicating Across Cultures

General

Course Description
This course will review the issues involved in effective cross-cultural communication, at the levels of both interpersonal communication and communication through the mass media. Students will be encouraged to explore their own cognitive barriers to communicating across cultures and ways to overcome those barriers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC3002 - Social Media for Communication

General

Course Description
The objective of this course is to introduce students to methods of utilizing social media as a tool for researching and presenting information, such as news stories or persuasive messages. In addition, students will gain an understanding of how to use analytics to ascertain how well their social media efforts are succeeding. Finally, students will then use that knowledge and skill to create and disseminate messages via social media platforms to the public.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC3105 - Advanced Writing for the Media

General

Course Description
Description: This course is an advanced, skills-based writing experience designed to prepare students to enter disciple-specific writing courses at the upper division. The course focuses on writing techniques used by communications professionals. Weekly lectures and small, intensive writing labs enable students to develop strong, professionally oriented writing skills.
Course Fees: $10

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC3200 - Law and Ethics of Communications

General

Course Description
Prerequisite: MMC 1004
Description: Study of mass communications ethics, codes and performance. First Amendment law, libel, privacy and other legal aspects of communications are explored. Case-study questions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC3342 - Content Creation Tools

General

Course Description
The objective of this course is to teach students the tools necessary for social media content creation. Students will learn about mobile phone photography and video shooting. They will experiment with green screen and GoPro cameras. Also, they will master a range of design, image, and video editing software (Adobe Photoshop, Premiere, and Spark). In addition, students will learn about media entrepreneurship, and they will use social media analytics to measure their reach and engagement.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC3402 - Political Advertising

General
Course Description
In this course students will examine the works of those who produce, cover and consume political advertising. Through the course readings and written assignments, through class discussion, and through viewing political ads produced over the past 50 years, students will recognize the many media strategies that are used to package candidates.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC3614 - Media Theories and Effects

General
Course Description
Prerequisite: MMC 1004
Description: This course introduces students to mass media theories scholars use to study the effects of media messages. Students will also read and discuss research illustrating the media's impact on individuals, society, and cultures. Topics include the media's relationship to stereotyping, images of sexuality, violence, values, and globalization.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC3703 - Multimedia Storytelling in Sports

General
Course Description
Description: This course will cover the relationships between the sports industry, athletes, media, and audience. It will consist of lectures, discussion, sports media critiques, and guest speakers to meet the course objectives.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC3711 - Multimedia Graphics

General
Course Description
Prerequisite: MMC 3105
Description: Students will become acquainted with the basic functions of graphics and principles of design for print, Web and video. The use of type, color and basic design elements will be covered.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC3942 - Pre Internship in Communication

General
Course Description
Prerequisite: MMC1004, AND MMC3105,
Description: This course prepares students for internship placement in approved organizations. Students explore the core ethical principles, skills and organizational culture related to their profession. Detailed individual research projects supplement classroom discussion in preparation for field placement of student.. Sophomore or higher standing.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MMC4251 - Creating Health Messages for Mass Media

General
Course Description
Prerequisite: Completion of MMC 3105 with a grade of C or higher. This course prepares communication majors to create health-related messages to be disseminated in various media to specific target audiences for specific strategic objectives. Students will: develop a health topic using major medical databases; create a report targeted for a specific audience; gain increased awareness of the opportunities and requirements for health communication careers; and increase their own health literacy levels.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC4403 - Mass Communication Research & Theory

General
Course Description
Prerequisites: MMC 1004 AND MMC 3105 AND STA 2023 OR STA 2023CDescription: This course introduces students to mass communication research techniques and topics. Students will explore various social science research methods, such as surveys, experiments, focus groups, and field research. Students will also focus on how mass media theories are used in research to better understand the effects of media messages on individuals and society.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC4420 - Mass Communications Research

General

Course Description
Prerequisites: MMC 1004, MMC 3105, MMC 3614, and; STA 2014 or STA 2023
Description: This course introduces students to mass communications research techniques and topics. Students will explore various social science research methods, including surveys, experiments and field research. Students will be expected to create and implement one or several research projects during the course.
Course Fees: $10

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC4422 - Advertising & PR Research

General

Course Description
Prerequisite: MMC 1004, MMC 3105, and ADV 3008 or PUR 3000
Description: This case-based course involves the acquisition, evaluation, and analysis of information for strategic communication such as advertising and public relations. Primary and secondary research projects are designed, executed, analyzed and presented by students. Emphasis is given to six primary areas: understanding the scientific method for answering brand- and marketing communications-based questions; developing explicit and measurable research objectives; developing adequate research plans to solve those objectives; selecting and implementing appropriate methodologies to answer the questions proposed by the objectives, analyzing data; and preparing the reports that communicate the results of the research.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC4500 - History of Mass Communication

General

Course Description
Prerequisite: MMC 1004 and MMC 3105
Description: This course offers a historical investigation of mass communication in the United States. The course examines American media development and history as a product of the social, cultural, historical, and political environment.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC4630 - Understanding Emerging Media

General

Course Description
This course is designed to provide students with a basic understanding of various new communication technologies in the United States and how they are incorporated into the interactive marketing communication process. In addition to marketing communication implications, this course provides the critical perspective of new media technologies as well.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC4732 - Social Media Management

General
Course Description
Description: Students will learn web analytics, social media analytics, and search engine optimization skills by many hands-on skill-based projects. Students will also learn theoretical and critical perspectives on social media phenomena: principles of social influence, virality, and online privacy. Most importantly, students will be required to write original, professional quality pieces to publish in at least three social media outlets every week. By integrating creatives and analytics, student will be able to learn the power of writing and the dynamics of social media management firsthand.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MMC4905 - Independent Study

General
Course Description
Prerequisite: Consent of instructor or department chairperson. May be repeated for a maximum of 12 credits under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

MMC4930 - Special Topics in Mass Communication

General
Course Description
Prerequisites: MMC 3614, MMC 3105 and consent of instructor
This course will explore important issues pertaining to the study of mass communication in a seminar format. Topics and issues will vary from semester to semester. The course may be repeated up to a total of 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

MMC4975 - Internship Senior Project

General

Course Description
Prerequisite: MMC1004, MMC3200, MMC3105, MMC3942 and MMC4302Description: This course is the capstone for the Communication Major. An internship enhances knowledge and skills acquired from coursework through a semester-long period of supervised field experience, extensive research, or both. A minimum of 210 hours of work at the internship site are required in addition to weekly progress reports, midterm and final evaluations from the professional supervising the intern, and a portfolio in which students detail and provide self-assessment of their experiences and relate the internship experience to knowledge of theory and its application gained from the major curriculum.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

MMC5267 - Current Issues in Emerging Media

General

Course Description
Description: As the way we communicate and consume media has changed, so have the principles of the media industry. Emerging media offers a variety of ways to deliver messages such as blogs, wikis, social media, new formats of ads such as display ads, video ads, search engines, etc. This course is designed 1) to provide students with a good understanding of various new communication technologies and how they are incorporated into online communication process. In addition to communication implications, this course provides the critical perspective of new media technologies.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC5738 - Strategic Social Media

General

Course Description
Description: This course prepares students with industry-standard skills and techniques to utilize a variety of new and social media platforms for organizational purposes. Exploring professional uses of social media across a variety of industries, students examine the strategy and outcomes associated with digital content management, campaign planning, consumer engagement and interaction, social listening, online brand and reputation management, ethics and governance. Using historical milestones, case studies, emerging theories, and best practices students come to recognize and understand the innovative and ever-evolving nature of the contemporary new media landscape in applied and pragmatic contexts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC5946 - Internship in Communication Management

General

Course Description
Description: Students choosing to undertake a communication management-focused internship/job shadowing experience will successfully complete their experience and submit an essay reflecting upon the experience to a faculty supervisor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

MMC6006 - Strategic Communication Theory

General

Course Description
Description: This course introduces the principles and the practice of strategic communications as it applies to the practice of public relations, advertising, marketing, and organizational communication in an increasingly multicultural/ diverse/multinational environment. It is designed from a professional perspective and utilizes real-world examples/cases. Experienced communication professionals/ managers will gain key insights in the identification of target publics/markets, or problem or opportunities through the use of relevant research databases.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC6206 - Ethics in Communication Management

General

Course Description
Description: This course introduces the application of ethical principles and decision-making in communication management. Students study both philosophical and practical ethical questions related to communication management.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC6256 - Foundations of Communication Management

General

Course Description
Description: This course examines the development of communication models, relationships between models and research, functions of models and their impact on human communication in various media. This course also examines analytics and ways to measure outcomes in a digital world.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC6421 - Quantitative Research Methods in Mass Communication

General

Course Description
Description: This course introduces basic quantitative research designs, foundational mathematics of statistics, and basic statistical methods. This course focuses on principal concepts of the quantitative analysis in the literature. The course also addresses mixed method designs. The course will help communication

managers and others use valid and appropriate qualitative research methods in their professional communication practice and decision-making.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC6426 - Qualitative Research Methods in Mass Communication

General

Course Description
Description: The course examines a wide range of qualitative research methods used in mass communication in general, communication management in particular. It provides a comprehensive overview of research design, data collection, data analysis, and research report writing associated with qualitative research. The methods covered in the course include, but are not limited to, in-depth interviews, focus groups, case studies, textual/discourse analysis, historical analysis, field observation, and ethnography. The course also addresses mixed method designs. Ultimately, the course will help communication managers and others use valid and appropriate qualitative research methods in their professional communication practice and decision-making.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC6730 - Social Media Management

General

Course Description
Description: This course is designed to provide students with a fundamental understanding of social media and how they are incorporated into the online marketing communication process. This course also provides students with opportunities to apply tools and technologies in creation and dissemination of messages via social media.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MMC6971 - Thesis/Applied Research Project

General

Course Description
Prerequisite: Permission of the M.S. in Communication Management graduate director.
Description: In this course, students will complete either an academic thesis or a professional research project under the supervision of a faculty advisor and committee. Students will take this course twice to reach the required 6 credit hours of thesis/applied research project needed to graduate with M.S. in Communication Management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

MSL1001 - Leadership and Personal Development

General
Course Description
Co-requisite: MSL 1001LThis course introduces Cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, physical fitness, and stress management relate to leadership, officership, and the Army profession. Lessons are designed to maximize participation, inspire intellectual curiosity, stimulate self-study and encourage team building through military/life skills. Each student must also register for and attend a two-hour weekly leadership laboratory (MSL 1490L). Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
2

MSL1001L - Freshman Leadership Laboratory I

General
Course Description
Co-requisite: MSL 1001The Freshman Leadership Laboratory consists of a two-hour block of instruction directly supporting freshman classroom instruction. Cadets implement the initial classroom lessons in a real-world setting to form the building blocks of the Army's values, physical fitness, leadership and officership. Participation in at least one weekend field training exercise and two army physical fitness tests are required.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Lab Hours
Lab Hours Min:
0

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
0

MSL1002 - Introduction to Tactical Leadership

General
Course Description
Co-requisite: MSL 1002LThis course covers leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, and competencies in the context of practical, hands-on, and interactive exercises. Cadre role models and the building of stronger relationships among the Cadets through common experience and practical interaction are critical aspects of the MSL 1020 experience. Students must register for and attend a two-hour, weekly leadership laboratory (MSL 1492L). Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
2

MSL1002L - Freshman Leadership Laboratory II

General

Course Description
Co-requisite: MSL 1002The Introduction to Tactical Leadership Laboratory consists of a two-hour block of instruction that directly supports freshman classroom instruction. This lab overviews leadership fundamentals such as setting direction, problem solving, listening, presenting briefs, providing feedback, and using effective writing skills. Cadets explore dimensions of leadership values, attributes, and competencies in the context of practical, hands-on, and interactive exercises.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Lab Hours

Lab Hours Min:
0

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
0

MSL2101 - Individual Leadership Studies

General

Course Description
Co-requisite: MSL 2101LThis course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army Leadership Requirements Model (trait and behavior theories). Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Focus is on continued development of the knowledge of leadership values and attributes through an understanding of Army rank, structure, and duties, and basic aspects of land navigation and squad tactics. Case studies provide tangible context for learning the Soldier?s Creed and Warrior Ethos as they apply in the Contemporary Operating Environment (COE). Students must register for and attend a two-hour, weekly leadership laboratory. Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
2

MSL2101L - Sophomore Leadership Laboratory I

General

Course Description
Co-requisite: MSL 2101MSL 2101 explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army Leadership Requirements Model (trait and behavior theories). Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Focus is on continued development of the knowledge of leadership values and attributes through an understanding of Army rank, structure, and duties, and basic aspects of land navigation and squad tactics. Case studies provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the Contemporary Operating Environment (COE). Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Lab Hours

Lab Hours Min:
0

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
0

MSL2102 - Foundations of Tactical Leadership

General

Course Description
Co-requisite: MSL 2102LThis course examines the challenges of leading tactical teams in the complex COE. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. This course provides a smooth transition into MSL 3201. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. Students must register for and attend a two-hour, weekly leadership laboratory. Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours Min:**
2

Lecture Hours

Lecture Hours Min:
2

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
2

MSL2102L - Sophomore Leadership Laboratory II

General

Course Description
Co-requisite: MSL 2102The Sophomore Leadership Laboratory II consists of a two-hour block of instruction that directly supports classroom instruction. Cadets implement the initial classroom lessons in a real world setting, MSL 2102 examines the challenges of leading tactical teams in the complex Contemporary Operating Environment. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. MSL 2102 provides a smooth transition into MSL 3201. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team-building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios. Students not on scholarship who enroll in this basic course do not incur any service obligation to the US Army.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours Min:**
0

Lab Hours

Lab Hours Min:
0

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
0

MSL3201 - Adaptive Team Leadership

General

Course Description
Co-requisite: MSL 3201LMSL 3201 challenges Cadets to study, practice, and evaluate adaptive leadership skills as they are presented with the demands of preparing for the ROTC Leader Development and Assessment Course (LDAC). Challenging scenarios related to small-unit tactical operations are used to develop self-awareness and critical-thinking skills. Cadets receive systematic and specific feedback on their leadership values, attributes, skills, and actions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
3

MSL3201L - Leadership and Problem Solving Laboratory

General

Course Description
Co-requisite: MSL 3201This leadership laboratory course provides practical application of topics covered in MSL 3201. This lab challenges cadets to study, practice, and evaluate adaptive leadership skills as they are presented with the demands of preparing for the ROTC Leader Development and Assessment Course (LDAC). Challenging scenarios related to small-unit tactical operations are used to develop self-awareness and critical-thinking skills. Cadets receive systematic and specific feedback on their leadership values, attributes, skills and actions.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ - Billing Hours
Min:
0

Lab Hours

Lab Hours Min:
0

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
0

MSL3202 - Leadership in Changing Environments

General

Course Description
Co-requisite: MSL 3202LMSL 3202 uses increasingly intense situational leadership challenges to build cadet awareness and skills in leading tactical operations. Having learned squad-level tactics in MSL 3201, cadets now learn to lead up to platoon level. Cadets review aspects of combat, stability, and support operations. They also conduct military briefings and develop proficiency in garrison operation orders. The focus is on exploring, evaluating, and developing skills in decision making, persuading, and motivating team members in the COE. MSL 3202 cadets are evaluated on what they know and do as leaders as they prepare to attend LDAC.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
3

MSL3202L - Leadership and Ethics Laboratory

General

Course Description
Co-requisite: MSL 3202This leadership laboratory course provides practical application of topics covered in MSL3202. This lab challenges Cadets to study, practice, and evaluate adaptive leadership skills as they are presented with the demands of preparing for the ROTC Leader Development and Assessment Course (LDAC). Challenging scenarios related to small-unit tactical operations are used to develop self-awareness and critical-thinking skills. Cadets receive systematic and specific feedback on their leadership values, attributes, skills, and actions.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ - Billing Hours
Min:
0

Lab Hours

Lab Hours Min:
0

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
0

MSL4301 - Adaptive Leadership

General

Course Description
Prerequisite: Requires completion of MSL 3201, MSL 3202 or professor of Military Science permission Co-requisite: MSL 4301LThis course provides practical exercise in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing leadership-performance feedback to subordinates. Cadets are given situational opportunities to assess risk, make sound ethical decisions, and provide coaching and mentoring to fellow ROTC Cadets. MSL IV Cadets are measured by their ability to give and receive systematic and specific feedback on leadership abilities using the Socratic model of reflective learning. Cadets at the MSL IV level analyze and evaluate the leadership values, attributes, skills, and actions of MSL III Cadets while simultaneously considering their own leadership skills. Attention is given to preparation for success at BOLC II and III, and the development of leadership abilities.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
3

MSL4301L - Leadership and Management Laboratory

General

Course Description
Prerequisite: Requires completion of MSL 3201, MSL 3202 or professor of Military Science permission Co-requisite: MSL 4301This laboratory enables the application of the lessons learned in the classroom in a practical environment. It develops proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing leadership-performance feedback to subordinates. Cadets are given situational opportunities to assess risk, make sound ethical decisions, and provide coaching and mentoring to fellow ROTC Cadets. MSL IV Cadets are measured by their ability to give and receive systematic and specific feedback on leadership abilities using the Socratic model of reflective learning. Cadets at the MSL IV level analyze and evaluate the leadership values, attributes, skills, and actions of MSL III Cadets while simultaneously considering their own leadership skills. Attention is given to preparation for success at BOLC II and III, and the development of leadership abilities.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ - Billing Hours
Min:
0

Lab Hours

Lab Hours Min:
0

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
0

MSL4302 - Leadership in a Complex World

General

Course Description
Prerequisite: MSL 4301 Co-requisite: MSL 4302LThis course explores the dynamics of leading in the complex situations of current military operations in the COE. Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with nongovernmental organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing cadets for their first unit of assignment. It uses case studies, scenarios, and ?What Now, Lieutenant?? exercises to prepare cadets to face the complex ethical and practical demands of leading as commissioned officers in the United States Army.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
3

MSL4302L - Officership Laboratory

General
Course Description
Prerequisite: MSL 4301 Co-requisite: MSL 4302This laboratory enables the practical application of lessons learned in the MSL 4302 classroom. It explores the dynamics of leading in the complex situations of current military operations in the COE. Cadets examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. They also explore aspects of interacting with nongovernmental organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing cadets for their first unit of assignment. It uses case studies, scenarios, and ?What Now, Lieutenant?? exercises to prepare cadets to face the complex ethical and practical demands of leading as commissioned officers in the United States Army.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Lab Hours
Lab Hours Min:
0

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
0

MSL4905 - Independent Study

General
Course Description
Prerequisite: Requires departmental permission. Enrollment is determined by the Professor of Military ScienceThis course introduces students to fundamental leadership styles and their effectiveness in and out of the work place; Students will be able to mend growing problems and work to further solidify unity in the environment; Students will also work on military counseling and the methods for which it is used.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Repeatable:
Yes

Number Of Repeats:
5

What are the maximum credits a student can earn?:
6

MSL4941 - Advanced Leader Training

General

Course Description
Leadership development and assessment course is the army's 5-week leader internship conducted at Fort Lewis, Washington from June through August. The instructor places each cadet in a variety of leadership positions, many of which simulate stressful combat situations. Cadets are evaluated by platoon tactical officers and NCOs. Training is organized into separate committees in a tiered structure, including basic military skills, leadership development, tactical training, basic rifle marksmanship and situational training exercises. Although this course is not conducted on campus grading will be conducted by university faculty.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Repeatable:
No

Number Of Repeats:
0

What are the maximum credits a student can earn?:
4

MTG3203 - (GM) Geometry for Middle School Teachers

General
Course Description
Prerequisites: 9 hours of college mathematics. This course focuses on a discovery approach to plane and solid geometry. Euclidean constructions, polygons, circles, polyhedra, tilings and symmetry will be investigated. Logical reasoning will be used to prove or disprove conjectures. This course cannot be used to fulfill a degree requirement in the Department of Mathematics and Statistics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MTG3212 - (GM) Modern Geometry

General
Course Description
Prerequisite: MHF 3202
This course covers the axiom systems, models and theorems in Euclidean, neutral, non-Euclidean, and finite geometries.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MTG4302 - (GM) Elementary Topology

General
Course Description
Prerequisites: MAC 2313 and MHF 3202. This course provides an introduction to topological spaces, metric spaces, continuity and homeomorphisms, connectedness, and compactness.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

Other Hours
Other Hours Min:
1

Number Of Repeats:
0

MUC2211 - Music Composition I

General
Course Description
Prerequisite: Permission of InstructorDescription: In this class, students will be introduced to the creative uses of musical material, traditional musical forms, development procedures and performance resources. Various short works of twentieth century composers will be used as model.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

Number Of Repeats:
0

MUC2221 - Music Composition II

General
Course Description
Prerequisite: Successful completion of Music Composition I (MUC 2211). In this class the student will further examine the creative uses of musical material, traditional musical forms, development procedures and performance resources. Various short works of twentieth century composers will be used as models for student work.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

MUC3231 - Music Composition III

General
Course Description
Prerequisites: Successful completion of Music Composition II (MUC 2221). In this class students will further examine the creative uses of musical material, the various possibilities of musical form, developmental procedures and performance resources. Individual projects will provide a focus for the semester's work.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

Number Of Repeats:
0

MUC3232 - Music Composition IV

General
Course Description
Prerequisites: Successful completion of Music Composition III (MUC 3231). In this class the student will further examine the creative uses of musical material, the various possibilities of musical form, development procedures and performance resources. Individual projects will provide a focus for the semester's work.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

MUC3620 - Jazz Composition

General

Course Description
Prerequisite: MUT 1362
Description: This course is a study of jazz composition techniques and processes employed by various successful jazz composers. Special emphasis will be placed on the analysis of works by small group composers such as Horace Silver, Herbie Hancock, Wayne Shorter, and Joe Henderson. Students will compose and perform their own original compositions throughout the semester. This course can be taken as a free elective in the B.M. Jazz Studies program of study.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

MUC4241 - Music Composition V

General

Course Description
Prerequisite: Successful completion of Music Composition IV (MUC 3232). This class is for the advanced composition student. The emphasis at this level will be on technical excellence, musical sophistication and originality. It is expected that students in this class will work on larger, multi-movement projects. Performance of finished works on Performance Lab or in special recital is encouraged.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

MUC4242 - Music Composition VI

General

Course Description
Prerequisite: Successful completion of Music Composition V (MUC 4241). This class is for the advanced composition student. The emphasis at this level will be on technical excellence, musical sophistication and originality. Larger individual projects will provide a focus for the semester's work. An individual composition recital is encouraged for students completing this sixth semester of study.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

MUE2040 - Foundations of Music Education

General

Course Description
Description: This course is a survey of the music education profession in the United States. It includes an overview of professional qualifications and responsibilities, interactions of history, law, and society with music education, and philosophical and theoretical positions in music education. Topics include fundamentals of music education curriculum, state and national standards and standards-based lesson planning. Students will observe different types of music classes in a variety of school settings to broaden the perspective of the prospective music educator.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUE2410 - Choral Techniques for Instrumentalists

General
Course Description
Description: This course will develop fundamental skills for teaching choral ensembles in secondary schools. Course will focus on differences between instrumental and choral pedagogy, vocal tone production, posture, basic diction, choral repertoire, and choral rehearsal techniques.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ - Billing Hours
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUE2420 - World Drumming Techniques and Pedagogy

General
Course Description
Description: In this course, students will learn to perform drumming styles from across a variety of nations, cultures, and ethnic groups. Students will also develop skills to teach these skills to children in K-12 school settings. Course will include focus on playing technique, selecting appropriate and authentic instruments, and social and cultural contexts of the drumming styles.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ - Billing Hours
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUE2440 - Violin and Viola Techniques and Pedagogy

General
Course Description
Description: This course is designed to prepare music education majors to teach orchestral stringed instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency on violin and viola. All aspects of strings will be covered, including method book selection, teaching techniques, instructional aids and materials.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ - Billing Hours
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUE2442 - Cello and String Bass Techniques and Pedagogy

General
Course Description
Description: This course is designed to prepare music education majors to teach stringed instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency on cello and bass. All aspects of string instruction will be covered, including method book selection, teaching techniques, instruction aids and materials.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUE2445 - Guitar Techniques and Pedagogy

General
Course Description
Description: In this course, students will develop fundamental skills to perform on guitar, focusing on developing a repertoire of common chords and appropriate strumming techniques. Students will also develop skills to teach guitar to children in K-12 school settings. Course will include focus on fundamental guitar playing techniques, selecting appropriate instruments for classroom use, and exploring guitar as a accompanying instrument, solo instrument, and as part of an ensemble.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUE2450 - Clarinet and Saxophone Techniques and Pedagogy

General
Course Description
Description: This course is designed to prepare music education majors to teach woodwind instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency on clarinet and saxophone. All aspects of woodwind instruction will be covered, including method book selection, teaching techniques, instruction aids and materials.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUE2451 - Oboe and Bassoon Techniques and Pedagogy

General
Course Description
Description: This course is designed to prepare music education majors to teach woodwind instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency on flute, oboe, and bassoon. All aspects of woodwind instruction will be covered, including method book selection, teaching techniques, instruction aids and materials.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUE2453 - Flute Techniques and Pedagogy

General

Course Description
Description: This course is designed to prepare music education majors to teach woodwind instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency and teaching skills on flute. All aspects of woodwind instruction will be covered, including teaching techniques, writing music for flute, instructional aids, and materials.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MUE2460 - Trumpet and Horn Techniques and Pedagogy

General

Course Description
Description: This course is designed to prepare music education majors to teach brass instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency on trumpet and horn. All aspects of brass instruction will be covered, including method book selection, teaching techniques, instruction aids and materials.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MUE2463 - Low Brass Techniques and Pedagogy

General

Course Description
Description: This course is designed to prepare music education majors to teach brass instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency on trombone, euphonium, and tuba. All aspects of brass instruction will be covered, including method book selection, teaching techniques, instruction aids and materials.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MUE2470 - Percussion Techniques

General

Course Description
Description: Percussion techniques is designed to prepare music education majors to teach percussion instruments in secondary schools. All aspects of percussion performance and instruction will be covered, including method book selection, teaching techniques, mallet selection, instrument care and the like.
Course Fee: $35

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MUE2490 - Conducting Lab Ensemble

General

Course Description
The course serves as a laboratory ensemble for the benefit of students in conducting courses as well as to develop ensemble performance skills on voice, woodwinds, brass, percussion, and/or stringed instruments. Ensemble members will rehearse and perform a variety of musical literature being led by student conductors. Ensemble members will provide supportive critical assessment to aid student conductors in development of rehearsal and conducting skills. This course is repeatable for up to 8 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Number Of Repeats:
7

MUE3392 - Managing Music Classrooms and Program Administration

General

Course Description
Prerequisite: MUE 2040
Description: This course focuses on developing skills to manage music classrooms, as well as professionalism, ethics, and the law. Students will develop teaching and classroom management skills through discussion, peer-teaching simulations, and observations. Students will discuss the assumptions they have about students, school, and learning and compare these to existing educational practices and research findings, and then read about and discuss a variety of philosophies, behavior and self-concept theories, and discipline/classroom management programs. Students develop a plan for managing a variety of music classroom types. The course ends with an examination of situations of interest to participants which include, among other issues, student safety, legal rights and responsibilities of teachers, meeting the varying needs of students as a result of student differences, and incorporation of teacher's beliefs and values.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE3481 - Jazz Pedagogy

General

Course Description
Prerequisites: MUE 2450, MUE 2460, MUE 2470, and MUG 3104
Description: In this course, students will develop skills to teach and administer effective instrumental jazz programs in secondary schools. Students will develop a repertoire of appropriate literature for middle and high school musicians and develop pedagogical skills germane to the jazz idiom including listening, improvisation, and stylistic articulation and tone.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MUE3693 - Technology in Music Education

General

Course Description
Description: In this course, students will learn the application of instructional design principles for the use of technology to enhance the quality of teaching and learning in the music classroom. The course includes hands-on experience with essential office applications, music notation, sequencing, and assessment software, as well as other educational media and emerging technologies. This course addresses fundamentals of MIDI and sound recording skills. Emphasis is on use of

technological tools to improve classroom instruction, ethical use of social media and email communication with stakeholders and the community, and program administration.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

MUE4311 - Teaching Elementary Music

General

Course Description
Prerequisite: MUT2117 Theory IV AND MUG3104 Basic Conducting AND MUE3392 Managing Music Classrooms and Program Administration AND MUT2247 Advanced Aural Theory
Description: This course is designed to acquaint students with a balanced knowledge of general music curriculum. Emphasis is placed on understanding and planning a developmental sequence of musical experiences to assure the sound musical growth of students in grades K-5. Students schedules must accommodate field experiences on Thursdays from approximately 8am-3pm. This course is offered every fall term. Students must have passing scores on all portions of the Florida Department of Education General Knowledge Exam.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE4331 - Teaching Secondary Choral Music

General

Course Description
Prerequisite: MUT2114 AND MUG3104 AND MUE3392 AND MVK2122 AND MUT2247
Description: Description: This course focuses on directing, organizing, developing, and maintaining quality choral music programs at the secondary level. Topics include conducting, choral literature, rehearsal skills, recruitment and retention, and a balanced approach to inclusion of Florida and National standards in the classroom. Student schedules must accommodate field experiences on Thursdays within the time frame of 7:00 am and 4:30 pm. This course is offered every spring term. Students must have passing scores on all portions of the Florida Department of Education General Knowledge Exam.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE4332 - Teaching Secondary Instrumental Music

General

Course Description
Prerequisite: MUT2117 AND MUG3104 AND MUE3392 AND MVK2122 AND MUT2241Description: This course focuses on directing, organizing, developing, and maintaining quality instrumental music programs at the secondary level. Topics include conducting, band and orchestra literature, rehearsal skills, recruitment and retention, and a balanced approach to inclusion of Florida and National standards in the classroom. Includes field experience component in public schools. Student schedules must accommodate field experiences on Thursdays within the time frame of 7:00 am and 4:30 pm. This course is offered every spring term. Students must have passing scores on all portions of the Florida Department of Education General Knowledge Exam.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

MUE4434 - Musical Theater Techniques

General
Course Description
Prerequisite: MUE 4331 and MVK 2122
Description: In this course students will learn about the processes, methods, and administrative responsibilities of designing and implementing effective musical theater and show choir programs as a component of a well-rounded school choral music program. Topics may include but are not limited to combining vocal music with choreography, costumes, stage sets, and theater lighting. Students will also learn to assess show choir performances using rubrics designed by the Florida Vocal Association.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ - Billing Hours
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUE4480 - Marching Band Techniques

General
Course Description
Prerequisite: MUE2117 AND MUT2247 AND MVK2122 AND MUG3104 AND MUE3392
Description: This course deals with the presentation, examination, evaluation and practical application of standard and contemporary marching and arranging techniques for the high school and college band director.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ - Billing Hours
Min:
1

Other Hours
Other Hours Min:
1

Number Of Repeats:
0

MUE4940 - Internship in Music Education

General
Course Description
Prerequisite: Completion of requirements prescribed in the COEHS Internship Handbook and consent of Music Education Advisor.Description: This course is designed as a culminating experience in the student's major field which allows the student an opportunity to practice skills under careful observation and cooperation with a master teacher. Internship is allowable only in the major area of concentration. This course is eligible to music education majors only upon completion of requirements prescribed in the COEHS Internship Handbook.Course Fees: $36

Credit Hours
Credit Hours:
8

Credit Hours Max:
15

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
8

Contact Hours Max:
15

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ - Billing Hours
Min:
8

Billing Hours Max:
15

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
8

Other Hours Max:
15

Other Hours Operator:
TO

Number Of Repeats:
0

MUE5316 - Teaching Elementary Music Programs

General

Course Description
Description: This course focuses on teaching, organizing, developing, and maintaining quality elementary music programs. Topics include teaching children to sing, play classroom instruments, move to music, actively listen to music, and create their own music through a balanced approach to inclusion of Florida and National standards in the classroom. This course includes a field experience component in public schools.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE5336 - Teaching Secondary Choral Music Programs

General

Course Description
Discriptions: Teaching and Assessment focuses on directing, organizing, developing, and maintaining quality choral music programs at the secondary level. Topics include conducting, choral literature, rehearsal skills, recruitment and retention, and a balanced approach to inclusion of Florida and National standards in the classroom. This course includes a field experience component in public schools.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE5338 - Teaching Secondary Instrumental Music Programs

General

Course Description
Description: Teaching and Assessment focuses on directing, organizing, developing, and maintaining quality instrumental music programs at the secondary level. Topics include conducting, band and orchestra literature, rehearsal skills, recruitment and retention, and a balanced approach to inclusion of Florida and National standards in the classroom. This course includes a field experience component in public schools.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE5488 - Instrumental Techniques and Pedagogy

General

Course Description
Description: This course is designed to prepare graduate music education majors to teach woodwind, brass, percussion, or stringed instruments in secondary schools. Students will be expected to demonstrate basic performance proficiency on selected musical instruments as directed by instructor. Course content will include method book selection, teaching techniques, and instruction aids and materials.
Repeatability: The course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

MUE6080 - Historical and Philosophical Foundations of Music Education

General

Course Description
Description: This course focuses on historical and sociological developments of music education in the United States and other nations, as well as influential music education philosophical positions. Students will learn, lead discussion, and conduct original research on topics related to the history and philosophy of music education.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE6085 - History of Music Education

General

Course Description
This course focuses on historical and sociological developments of music education in the United States and other nations. Students will learn, lead discussion, and conduct original research on topics related to the history of music education.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE6695 - Contemporary Issues in Pedagogy and Curriculum

General

Course Description
Description: This course focuses on contemporary music pedagogical models and curricula with a focus on implementation. Emphasis will be placed on pedagogical models which focus on learner-centered education, technology, and multicultural perspectives, all of which actively engage learners in music making.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUE6785 - Research in Music Education

General

Course Description
Prerequisite: MUS 5711
Description: This course provides an overview of research traditions and the common research approaches used by music education researchers. Students learn about different types of research through various modules and reading and discussion.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUE6790 - Graduate Capstone in Music Education

General
Course Description
Prerequisite: MUS 5711, MUE 6080 and MUE 6785
Description: This is a culminating project representing the achievements and/or discoveries made in the music education degree. Depending on the professional goals and needs of the student, this could take the form of a Master's Thesis, a conducting recital, a performance recital, a full-time supervised internship in a public school, or a variety of other graduate-level activities representing original contributions to the profession.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUE6835 - Philosophy of Music Education

General
Course Description
This course focuses on the philosophy of music education. Students will learn, lead discussion, and conduct original research on topics related to the philosophy of music education.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUE6946 - Graduate Music Education Internship

General
Course Description
Prerequisite: As prescribed on the student teaching application form: Bachelor's Degree. This course is a graduate internship experience which is organized around eight major objectives and the State of Florida's professional skills. Students must complete the requirements prescribed on the student's intern application form. This course is designed as a graduate level culminating experience in the student's major field of music and provides the student with an opportunity to practice skills under the careful observation and in cooperation with a master teacher.

Credit Hours
Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Lecture Hours
Lecture Hours Min:
6

Number Of Repeats:
0

MUG3104 - Basic Conducting

General

Course Description
Prerequisite: MUT2117
Description: This is a beginning conducting course designed to develop the necessary techniques required for basic conducting. Conventional patterns, problems with the multi-metric score, and transposition are covered.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

MUG4102 - Conducting Intensive

General

Course Description
Description: This course will focus on the score study of various compositions and integrate this knowledge with the physiological dimension of conducting. It is designed to prepare the conductor for success in multiple musical situations, and to heighten the conducting skills learned in music theory, advanced conducting courses, and real-world conducting experiences. Permission of the instructor is required. This course may be repeated up to a maximum of 12 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

MUG4109 - Applied Conducting

General

Course Description
Prerequisite: MUG 3104 and MUG 4202 or MUG 4302Description: This course intensely focuses on the development of the gestural vocabulary of the conductor as it relates to the musical score. Course content will vary based on the experience level and musical needs of the individual student. Permission of the instructor is required. This course may be repeated up to a maximum of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
3

MUG4202 - Advanced Choral Conducting

General

Course Description
Prerequisite: MUT 1112 and MUG 3104Description: This course provides advanced study in choral conducting. This course will engage in an intensive study of the art of conducting, score preparation/analysis, and rehearsal pedagogy. Students will study conducting with emphasis on going beyond the pattern, gesture-to-sound relationship, and demonstrate knowledge of a wide range of musical forms and concepts through conducting. Additional topics may include technical studies, sight-reading and selections from masterworks. Material will be assigned based on student ability and will be chosen from a broad selection of traditional and non-traditional choral and orchestral repertoire.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MUG4241 - Choral Conducting and Literature Seminar

General
Course Description
Description: This course provides additional study in conducting and literature. This course will engage in an intensive study in conducting topics, repertoire, score preparation/analysis, rehearsal techniques, resource assessments, technical studies, sight-reading and selections from masterworks. Assignments will be given based on student ability and chosen from a broad selection of traditional and non-traditional repertoire. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MUG4301 - Instrumental Conducting and Literature Seminar

General
Course Description
Description: The primary focus of this seminar course will be the establishment of procedures for an informed and artistic performance, while exploring/analyzing the dimension of instrumental repertoire and inherent conducting requirements and expectations. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MUG4302 - Advanced Instrumental Conducting

General
Course Description
Prerequisites: MUT 1112 and MUG 3104Description: This course will engage in an intensive study of the art of conducting, score preparation/analysis, and rehearsal techniquesRepeatability: Maybe repeated for up to 4 credit hours

Credit Hours
Credit Hours:
1

Credit Hours Max:
2

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
2

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
2

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
2

Other Hours Operator:
TO

Number Of Repeats:
3

MUG4401 - Score Study and Preparation

General
Course Description
Prerequisite: MUG 3104 and MUG 4202 or MUG 4302
Description: This course will focus on the score study of a variety of compositions as determined by the instructor. It is designed to prepare the conductor for success

in multiple musical situations, and to build upon the analytical skills learned in music theory and advanced conducting courses. Permission of the instructor is required. This course may be repeated up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

MUG4701 - Choral-Orchestral Masterworks

General

Course Description
Prerequisite: MUG 4202 or MUG 4302
Description: This course will provide in-depth study of repertoire from the classical choral-symphonic canon. Permission of the instructor is required. This course may be repeated up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

MUG6103 - Conducting Intensive

General

Course Description
Description: This course will focus on the score study of various compositions and integrate this knowledge with the physiological dimension of conducting. It is designed to prepare the conductor for success in multiple musical situations, and to heighten the conducting skills learned in music theory, advanced conducting courses, and real-world conducting experiences. Permission of the instructor is required. This course is repeatable up to a maximum of 12 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

MUG6205 - Advanced Choral Conducting

General

Course Description
Prerequisite: MUT 1112 and MUG 3104
Description: This course provides advanced study in choral conducting. This course will engage in an intensive study of the art of conducting, score preparation/ analysis, and rehearsal pedagogy. Students will study conducting with emphasis on going beyond the pattern, gesture-to-sound relationship, and demonstrate knowledge of a wide range of musical forms and concepts through conducting. Additional topics may include technical studies, sight-reading and selections from masterworks. Material will be assigned based on student ability and will be chosen from a broad selection of traditional and non-traditional choral and orchestral repertoire. Permission of the instructor is required.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MUG6206 - Applied Choral Conducting

General
Course Description
Description: This course provides individual study in conducting. Students will study conducting with emphasis to deepen relationship to the score "beyond the pattern" with a focus on gesture-to-sound relationships based on knowledge of the music. Additional topics may include technical studies, sight-reading and selections from masterworks. Repertoire will be assigned based on student ability and will be chosen from a broad selection of traditional and non-traditional choral and orchestral repertoire. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MUG6256 - Choral Conducting and Literature Seminar

General
Course Description
Description: This course provides additional study in conducting and literature. This course will engage in an intensive study in conducting topics, repertoire, score preparation/analysis, rehearsal techniques, resource assessments, technical studies, sight-reading and selections from masterworks. Assignments will be given based on student ability and chosen from a broad selection of traditional and non-traditional repertoire. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MUG6305 - Advanced Instrumental Conducting

General
Course Description
Prerequisite: MUT 1112 and MUG 3104
Description: This course will engage in an intensive study of the art of conducting, score preparation/analysis, and rehearsal techniques. A variety of philosophical and physiological approaches to each of these elements will be presented and discussed throughout the semester. Permission of the instructor is required.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MUG6306 - Applied Instrumental Conducting

General

Course Description
Description: This course will engage in an intensive study of the art of conducting, score preparation/analysis, and rehearsal techniques. A variety of philosophical and physiological approaches to each of these elements will be presented and discussed throughout the semester designed specifically to establish the procedures for an informed and artistic performance. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MUG6356 - Instrumental Conducting and Literature Seminar

General

Course Description
Description: The primary focus of this seminar course will be the establishment of procedures for an informed and artistic performance, while exploring/analyzing the dimension of instrumental repertoire and inherent conducting requirements and expectations. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
1

MUG6402 - Score Study and Preparation

General

Course Description
Prerequisite: MUG 6205 or MUG 6305
Description: This course will focus on the score study of a variety of compositions as determined by the instructor. It is designed to prepare the conductor for success in multiple musical situations, and to build upon the analytical skills learned in music theory and advanced conducting courses. Permission of the instructor is required. This course is repeatable up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

MUG6954 - Graduate Conducting Lecture Recital

General

Course Description
Description: This course will engage in an intensive study of the art of conducting, score preparation/analysis, and rehearsal techniques. A variety of philosophical and physiological approaches to each of these elements will be presented and discussed on a pre-determined topic presented in a lecture format. Permission of the instructor is required.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
0

MUG6957 - Graduate Conducting Recital

General
Course Description
Description: As a culminating demonstration of professional capability in the major field, the student must conduct an ensemble in public performance as designated by the supervising faculty member. Depending on conducting student assignments, these recitals will include repertoire conducted with an assigned group for the semester or with an outside group, respectively. Repertoire will be researched and chosen by the student in conjunction with the instructor and ensemble will be determined depending on the semester's ensemble requirements. Permission of the instructor is required.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
1

MUH2012 - Enjoyment of Music

General
Course Description
An introduction to musical elements, forms, and style periods with emphasis on composers' lives, individual styles and representative works. Designed to stimulate the student's love of music and to create listening skills. Music will be studied from the Medieval through the 20th century periods.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH2015 - American Music: Past and Present

General
Course Description
This course looks at the music of America, from early blues to free jazz of the 1970's. Also, American classical composers of the 20th century and their impact will be studied.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH2017 - The History and Appreciation of Rock

General

Course Description
A study of the origins and development of rock and roll music from rhythm and blues, country and western, to current trends in pop and rock. Aural recognition of representative recordings will be required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH2018 - The Evolution of Jazz

General
Course Description
A historical survey of the evolution of jazz from primitive African elements through its fusion with Western hymns, work songs and military music. Various styles of jazz will be studied from Dixieland through modern/contemporary jazz forms.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH2501 - World Music

General
Course Description
This course deals with the native music of Indian Asia, China, Japan, Korea, and Africa. Students will become acquainted with the music of these countries and continents through selected musical examples and extensive listening assignments.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH3024 - Evolution of Jazz II

General
Course Description
Prerequisites: Successful completion of MUH 2018 Evolution of Jazz for Non-Music Majors
Music Majors - no prerequisite
This course presents an advanced study of America's "classical" music: Jazz. It is designed as a continuation of MUH 2018. In addition to presenting a detailed comparative analysis of jazz artists and literature, the course focuses on the social impact involved in the development of jazz from 1890 to the present. Unique audio and video concert footage and interviews enable an in-depth study.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH3055 - FC - African American Musical Heritage

General

Course Description
An examination of the roles and character of music in Western African society from the early 17th century. These traditions from which the music evolved will be traced from slavery through modern times. In doing so, a careful study will be made of field hollars, work songs, blues, spirituals, gospel and certain aspects of popular music as to their influence on the development of modern American music.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUH3211 - Music History I

General

Course Description
Prerequisite: MUT2117
Description: The history of music from ancient times through the Classical period.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUH3212 - Music History II

General

Course Description
Prerequisite: MUT2117 and MUH3211
Description: The history of music from the Romantic period to the present, including an emphasis on American music.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUH3215 - Western Music History and Popular Cultures I

General

Course Description
Prerequiste: MUT 2117
Description: This course presents an overview of significant concepts from pre-19th-century Western music and compares them with similar concepts from popular music of the US and world cultures. Through this course, students will acquire familiarity with stylistic developments and major figures from the Medieval, Renaissance, Baroque, and Classical periods as well as features and performers of jazz, rock, folk, and other popular styles. The goal of this course is to think broadly and critically about music. Therefore, it will focus not only on knowledge of composers and dates, but also on concepts such as the role of the performer in society, the cultural functions of music and music performance, the development of music notation, and the idea of art music.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH3216 - Western Music History and Popular Cultures II

General
Course Description
Prerequisite: MUH 3215
Description: This course presents an overview of significant concepts from 19th- to 21st-century Western music and compares them with similar concepts from popular music of the US and world cultures. Through this course, students will acquire familiarity with stylistic developments and major figures from the Romantic and Modern periods as well as features and performers of jazz, rock, folk, and other popular styles. The goal of this course to think broadly and critically about music. Therefore, it will focus not only on knowledge of composers and dates, but also on concepts such as the development of music technology, the rise of program music, the purpose and meaning of avant-garde art forms, and the use of music for nationalism and protest.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH3373 - History of the Beatles

General
Course Description
Description: This course is designed to give an in-depth look at the music, the lives, and the cultural impact of the British rock band known as The Beatles. Through online course work, examination of the twelve studio recorded albums, and the review of online media and written material published about this band, the student will become familiar with the epic saga of the legendary music and career of The Beatles. There are no prerequisites for the course and reading music is not necessary.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH4371 - Topics in 20th Century Music History

General
Course Description
Description: This course is a study of topics in music of the 20th century, with a focus on art music. The course will examine issues of musical style and explore the aesthetic, cultural, and social circumstances as they apply to genres of music composed during the 20th century.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

MUH4633 - Topics in American Music

General
Course Description
Description: This course is a study of topics in music of the United States. The course will examine issues of musical style and explore the aesthetic, cultural, and social circumstances as they apply to musical works by American composers.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

MUH4662 - History of Film Music

General
Course Description
This course is an overview of the history and techniques of soundtracks from movies and television. Students will read literature from film music studies, closely analyze films, and discuss music's support of filmic narrative. The course's topics will also include the relationship of film music to Western art music and American popular music. No musical experience is necessary.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUH4664 - History of Electronic Music

General
Course Description
Description: This is a survey course that introduces students to the inception and development of various electronic musical instruments, concepts, and genres primarily throughout the 20th century. From the avant-garde to popular music, students will spend time with the engineers and artists that have contributed to this field beginning in the 19th century all the way up to the present day. Additionally, students will discuss the technological and aesthetic ideas that have permanently expanded the boundaries of music. (Students taking this course should have an understanding of basic musical concepts – pitch, rhythm, interval, etc.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MUH5635 - Topics in American Music

General
Course Description
Description: This course is a study of topics in music of the United States. The course will examine issues of musical style and explore the aesthetic, cultural, and social circumstances as they apply to musical works by American composers. Repeatability: This course may be repeated for a maximum of 9 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

MUH5666 - History of Film Music

General
Course Description
This course is an overview of the history and techniques of soundtracks from movies and television. Students will read literature from film music studies, closely analyze films, and discuss music's support of filmic narrative. The course's topics will also include the relationship of film music to Western art music and American

popular music. The graduate section of this course includes the systematic study of musical genre across film history, including the study of opera, jazz, classical music, popular music, and orchestral scoring. Musical experience is suggested but not required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUH5675 - Topics in 20th Century Music History

General

Course Description
Description: This course is a study of topics in music of the 20th century, with a focus on art music. The course will examine issues of musical style and explore the aesthetic, cultural, and social circumstances as they apply to genres of music composed during the 20th century.
Repeatability: This course may be repeated for a maximum of 9 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

MUH5807 - Evolution of Jazz 2

General

Course Description
Description: This course continues the study of Jazz music initiated in The Evolution of Jazz by developing an advanced understanding of how the artists approach creating this music and through identifying the various stylistic elements associated with the different historical periods of Jazz music. In addition to presenting an in depth analysis of the most prominent artists and literature through a series of videos, the course will also focus on the cultural dynamics involved in the development of Jazz from 1890 to the present. Course material will also feature analysis of the role of the Jazz drummer, an integral component in the development of Jazz. Course format is organized as a distance-learning course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUH6684 - Perspectives in Music History

General

Course Description
Prerequisite: MUS 5711
Description: Perspectives in Music History introduces students to the study of musicology. Students will read, evaluate, and discuss examples of music scholarship about a variety of topics, including traditional musicology, ethnomusicology, and popular music and jazz studies. This course also introduces students to methodology such as traditional analysis, historical research, ethnography, and close reading of texts. Students will also improve their writing skills through a major research paper on a topic within their specialty or interest.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUL2010 - Introduction to Music Literature

General
Course Description
In this course, students will survey the history of classical music from antiquity to the modern period, focusing on western music. The curriculum may also integrate a variety of popular and global styles where appropriate.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUL4400 - Piano Literature I

General
Course Description
The course presents standard compositions of the piano repertoire through the Classical era.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MUL4401 - Piano Literature II

General
Course Description
The course deals with piano repertory from the Romantic Era to the present.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MUL4420 - String Chamber Music Literature

General
Course Description
This course is intended to give the student a broader understanding and appreciation of string chamber music and its role, performance traditions, and development from the Classical period to the twentieth century.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MUL4434 - Harp Literature

General

Course Description
This course examines in detail the standard harp repertoire and its associated performance traditions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

MUL4441 - Woodwind Literature

General

Course Description
Description: This course will examine and evaluate solo, ensemble, and orchestral woodwind literature, including music from all available styles and periods. Emphasis will be placed on the students' primary instrument of performance. A component of this study will include knowledge of available reference books which evaluate or list solos by difficulty level, texts, and information sources. The course activities provide a comprehensive knowledge of woodwind literature, and improve the students ability to identify the quality and value of compositions for study and performance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUL4442 - Brass Literature

General

Course Description
Description: This course will examine and evaluate solo, ensemble, and orchestral brass literature, including music from all available styles and periods. Emphasis will be placed on the students' primary instrument of performance. A component of this study will include knowledge of available reference books which evaluate or list solos by difficulty level, texts, and information sources. The course activities provide a comprehensive knowledge of brass literature, and improve the students ability to identify the quality and value of compositions for study and performance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUL4460 - Percussion Literature

General

Course Description
Description: This course will examine and evaluate solo, ensemble, and orchestral percussion literature, including music from all available styles and periods. Emphasis will be placed on the students' primary instrument of performance. A component of this study will include knowledge of available reference books which evaluate or list solos by difficulty level, texts, and information sources. The course activities provide a comprehensive knowledge of percussion literature, and improve the students ability to identify the quality and value of compositions for study and performance.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MUL4550 - Instrumental Literature

General
Course Description
Description: Instrumental Literature explores the rich and diverse history of instrumental repertoire, with an emphasis on its rehearsal and performance demands on the conductor. Permission of the instructor is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUL4643 - Choral Literature

General
Course Description
Description: This course serves as a survey of choral literature. Writing, research, and advanced music theory, history, style and performance practice are major components of this course. Permission of the instructor is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUL4602 - Vocal Literature

General
Course Description
The course will examine the standard vocal repertory from early Italian songs through contemporary vocal compositions. Also included will be study of French song literature, German lieder and operatic repertory.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

MUL5567 - Instrumental Literature

General
Course Description
Description: Instrumental Literature will explore the rich and diverse history of instrumental repertoire and the accompanying conducting, rehearsal and performance demands of the conductor. Permission of the instructor is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MUL6416 - Special Topics in Piano Literature

General
Course Description
Description: This course targets chosen areas of the piano repertoire for detailed examination. Topics may be chosen according to historical era, selected composers' output or selected forms or techniques.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

MUL6452 - Woodwind Literature

General
Course Description
Description: This course will examine and evaluate solo, ensemble, and orchestral woodwind literature, including music from all available styles and periods. Emphasis will be placed on the students' primary instrument of performance. A component of this study will include knowledge of available reference books which evaluate or list solos by difficulty level, texts, and information sources. The course activities provide a comprehensive knowledge of woodwind literature, and improve the students ability to identify the quality and value of compositions for study and performance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUL6453 - Brass Literature

General
Course Description
Description: This course will examine and evaluate solo, ensemble, and orchestral brass literature, including music from all available styles and periods. Emphasis will be placed on the students' primary instrument of performance. A component of this study will include knowledge of available reference books which evaluate or list solos by difficulty level, texts, and information sources. The course activities provide a comprehensive knowledge of brass literature, and improve the students ability to identify the quality and value of compositions for study and performance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUL6465 - Percussion Literature

General
Course Description
Description: This course will examine and evaluate solo, ensemble, and orchestral percussion literature, including music from all available styles and periods. Emphasis will be placed on the students' primary instrument of performance. A component of this study will include knowledge of available reference books which evaluate or list solos by difficulty level, texts, and information sources. The course activities provide a comprehensive knowledge of percussion literature, and improve the students ability to identify the quality and value of compositions for study and performance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUL6606 - Vocal Literature

General
Course Description
Description: Vocal Literature is especially designed for singers as an in-depth examination of the standard vocal repertory spanning Baroque through Contemporary time periods. Emphasis will be placed on literature in Italian, English, Spanish, German, and French.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MUL6645 - Choral Literature

General
Course Description
Description: This course serves as a survey of choral literature. Writing, research, and advanced music theory, history, style and performance practice are major components of this course. Permission of the instructor is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUL6654 - Choral-Orchestral Masterworks

General
Course Description
Prerequisite: MUG 6205 or MUG 6305 and MUL 6645 or MUG 6256 or MUG 6356
Description: This course will provide in-depth study of repertoire from the classical choral-symphonic canon. Permission of the instructor is required.
Repeatability: This course is repeatable up to a maximum of 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

MUM1611 - Concert Recording

General

Course Description
Description: The course examines fundamentals of live recording technique and the equipment used. Microphone placement and basic operation of recording hardware and software is introduced. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUM1620 - Audio and Acoustics

General
Course Description
Description: The course introduces practical approaches to the principles of audio and acoustics. It explores the physical properties of sound and its interaction in various environments and introduces techniques for controlling and manipulating those properties. Operating principles of digital and analog audio are presented, including transduction, time- and frequency-domain analysis, and sampling theory. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble.
Course Fee: $30

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MUM1622 - Introduction to Sound Reinforcement

General
Course Description
Description: This course examines the fundamentals of signal flow in the audio chain of diverse, live musical events. Students develop an understanding of what equipment is needed and what that equipment does. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble.
Course Fee: $30

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

MUM1630 - Introduction to Digital Audio

General
Course Description
Description: Students will learn to use basic audio editing, mixing and mastering techniques, and recording equipment in order to manipulate audio to craft finished recordings.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUM2634 - Digital Audio Production

General

Course Description
Prerequisite: MUM 1630
Description: This course provides in-depth study and hands-on use of digital audio hardware and software to produce music and other audio effects. The student will be required to apply informed musical judgements as a part of the audio production process. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble.
Course Fee: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

MUM2677 - Sound Reinforcement and Music Production

General

Course Description
Description: The production of music requires aesthetic judgements that merge with a detailed working knowledge of digital hardware and software components. This course continues an examination of equipment for live sound reinforcement as well as studio production but also begins a comprehensive examination of the aesthetic considerations that make great music "great." Lyrics, instrumentation, balance, song structure, and effects are discussed and debated. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

MUM2942 - Music Technology Practicum

General

Course Description
Prerequisite: MUM 2677Description: This course provides practical, hands-on experience in audio recording, live sound reinforcement, and/or audio engineering facility management. Students may assist the recording of concerts and studio sessions on campus at the discretion of the instructor. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble.Repeatability: Course can be taken four timesCourse Fee: $30

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Lecture Hours

Lecture Hours Min:
0

Number Of Repeats:
3

MUM3633 - Intro to Max

General

Course Description
Prerequisite: MUM2634
Description: This course is an introduction to the visual programming language Max/MSP/Jitter. Through hands-on experience students will learn how to use the environment for artistic purposes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MUM3701 - The Music Business

General
Course Description
This course offers students an opportunity to explore the business side of music. Items to be studied include: unions, contract writing, copyrights, laws pertaining to the music industry, the recording industry, and performing rights organizations. As appropriate, visiting guest artist from the "Great American Jazz Series" will be invited to address the class.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUM4014 - Seminar in Music Technology

General
Course Description
Prerequisite: MUM 4636 and MUM 4729
Description: This course offers students advanced individual and/or group work in music technology and audio production. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble unless those requirements have been satisfied.
Repeatability: up to four credits
Course Fee: $30

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MUM4613 - Music Studio Recording Techniques

General
Course Description
Description: This course will introduce students to the world of music production using music sequencing and recording software. Students will use a digital audio workstation that has a realistic graphical representation of all the instruments and effects used in a composition. They will learn how to create drum patterns, record audio, and mix and master quality sounding productions.
Course Fee: $35

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUM4636 - Audio for Media Applications

General
Course Description
Prerequisite: MUM 1620, MUM 2677, MUM 2634, and MUM 2942
Description: This course explores the tools, techniques and creative approaches to creating audio and designing sound for various unique applications, including films, video games, interactive media, television, commercials, and websites. Students learn how to create a product that is of use to other media-based disciplines. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble unless those requirements have been satisfied.
Course Fee: $30

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MUM4729 - Electronic Music Production Techniques

General
Course Description
Prerequisite: MUM 1620, MUM 2677, and MUM 2634
Description: This course explores in detail the tools and techniques used in electronic music production, including the digital audio workstation, MIDI, synthesis, sampling, loops, and artistic control of software. Students also explore divergent genres within electronic music to understand similarities and differences in both sound and production. An additional fee is associated with the course. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble unless those requirements have been satisfied.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MUM4943 - Internship in Music Technology

General
Course Description
Prerequisite: MUM 4636, MUM 4729, and MUM 2942Description: This internship gives students the opportunity to work off campus or in the UNF recording studio to complete professional projects alongside professionals in the field. Possible internships include experiences with the Jacksonville Symphony Orchestra, the Friday Musicale Series, and local radio stations. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble unless those requirements have been satisfied.

Credit Hours
Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Other Hours
Other Hours Min:
6

MUN2120 - Concert Band (Lower)

General
Course Description
Admission is by audition of instrumental music majors and other university students. The band performs annual concerts of traditional and contemporary band literature and is required of instrumental majors. It may be repeated for credit up to 12 times.(A material fee of $35 will be assessed.)

Credit Hours
Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours
Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours
Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
11

MUN2140 - Wind Symphony

General

Course Description
Prerequisite: Permission of instructor. This Lower level Wind Ensemble performs a full spectrum of traditional and contemporary wind band literature, with performances scheduled on and off campus. This course is required of instrumental majors and may be repeated for credit up to 12 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Lecture Hours

Lecture Hours Min:
0

Lecture Hours Max:
1

Lecture Hours Operator:
OR

Number Of Repeats:
11

MUN2210 - Orchestra

General

Course Description
Description: This course focuses on the study and performance of standard orchestral literature. Musical selections from the Baroque, Classical, Romantic, and Contemporary styles will be included for study and performance. The UNF Orchestra gives many performances throughout the year at UNF and other concert venues. May be repeated for credit up to 8 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
98

MUN2310 - UNF Chorale (Lower)

General

Course Description
This mixed choral ensemble is designed to meet the ensemble requirement for classical music majors. The course is open to non-music majors. The repertoire includes music from the Renaissance to the Twentieth Century. Performances may be required. Repeated for credit up to 8 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Lecture Hours

Lecture Hours Min:
0

Lecture Hours Max:
1

Lecture Hours Operator:
OR

Number Of Repeats:
7

MUN2510 - Collaborative Piano I

General

Course Description
Description: Students will study the art of accompanying and collaboration through vocal music from the Baroque to the present day. Topics include performance practice, orchestral reductions, preparing repertoire and communication. Students will demonstrate practical understanding through collaboration with a vocalist.
Repeatability: This course may be repeated for a total of 4 credits.
Course Fees: $35

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
3

MUN2710 - Jazz Ensemble-Lower Level

General

Course Description
Prerequisite: Consent of instructor and/or audition panel through an audition. The course includes the performance of jazz repertoire through the big band medium. Music reading skills are required. There are scheduled performances on and off campus. It may be repeated for credit up to 8 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
7

MUN3103 - Pep Band-Upper Level

General

Course Description
All university instrumentalists are encouraged to participate. The ensemble will perform at UNF basketball games and other important university events. May be repeated for credit up to 8 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
7

MUN3116 - UNF Drumline

General

Course Description
Description: The UNF Drumline is a performing ensemble that is part of the School of Music. Maintaining a visible performance schedule on and off campus, the drumline gives live performances at events including sporting events, commencement, TV appearances, recruitment tours, and performances in conjunction with the percussion studio. This ensemble is open to students from across the university, including both music majors and non-music majors who

desire to continue performing throughout college. Weekly rehearsals and regular performances that occur throughout the semester are required. Acceptance and placement in the drumline is determined by audition each semester. Instruments and materials needed are provided. Departmental and instructor permission are required.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
98

MUN3123 - Concert Band (Upper)

General

Course Description
Admission by audition of instrumental music majors and other university students. Performs annual concerts of traditional and contemporary band literature. Required of instrumental majors. May be repeated for credit up to 12 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
11

MUN3143 - Wind Symphony

General

Course Description
The Upper level Wind Ensemble performs a full spectrum of traditional and contemporary wind band literature, with performances scheduled on and off campus. This course is required of instrumental majors and may be repeated for credit up to 12 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Lecture Hours

Lecture Hours Min:
0

Lecture Hours Max:
1

Lecture Hours Operator:
OR

Number Of Repeats:
11

MUN3163 - Brass Band

General

Course Description
Prerequisite: Instructor permission
In this course the student will become familiar with classic literature for the traditional British Brass Band. This ensemble will feature up to thirty musicians and will use traditional brass band instruments in performance, including cornets, flugel horns, tenor horns, baritone horns, euphoniums, trombones, tubas and percussion. The student will be exposed to a wide selection of the literature for brass band from its' nineteenth century origins to the present, in order to gain a broad understanding of the repertory. Emphasis will be on developing the brass band's musicial and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee od $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3233 - Opera Pit Orchestra

General

Course Description
The Opera Pit Orchestra affords student instrumentalists the opportunity to perform in a mainstage opera production alongside their vocal peers. This course offers a production-based curriculum, which requires participation in weekly rehearsals and the performance of a full opera production presented by the UNF Opera Ensemble. Learning will be assessed each week through musical performance of assigned operatic repertoire. Each semester will culminate with a final performance of a complete opera production, or selected concert repertoire, and will be graded by the supervising faculty.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
7

MUN3313 - UNF Chorale (Upper)

General

Course Description
This mixed choral ensemble is designed to meet the ensemble requirement for classical music majors. The course is also open to non-music majors. The repertoire includes music from the Renaissance to the Twentieth Century. Performances may be required. May be repeated up to 8 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
7

MUN3323 - Osprey Treble Chorus

General

Course Description
Prerequisite: The student should have some prior choral experience. This choral ensemble prepares music of all styles (madrigals, spirituals, motets, show, and pop) for public performance. The course may be repeated for credit up to 8 times.(A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
7

MUN3333 - UNF Men's Chorale

General

Course Description
Prerequisite: Instructor permissionThe UNF Men's Chorale performs a wide range of music spanning all periods and genres. This performance-based class encourages commitment, dedication, and personal growth as musicians and performers. The Men's Chorale is open to all majors and serves as a conducting laboratory for conducting students and student composers alike. The genres of Barbershop, R &B, Doo-Wop, World Music, and Classical Music represent a cross section of musical styles. Students my join the Men's Chorale to gain further singing and reading experience prior to auditioning for the UNF Chamber Singers or UNF Chorale. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3343 - Chamber Singers

General

Course Description
Prerequisite: Audition and consent of instructor. Choral ensemble literature of various types of music (madrigals, spirituals, motets, Broadway show medleys, etc.), that will include public performances. May be repeated for credit up to 12 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
11

MUN3404 - Clarinet Quartet Ensemble

General

Course Description
Prerequisite: Instructor Permission
In this course the student will become familiar with the standard clarinet quartet repertoire from a wide range of historical periods, from early Baroque to twenty-first century music. The student will be exposed to a wide selection of the literature for clarinet quartet in order to gain a broader understanding of the repertory. Emphasis will be on developing the clarinet quartet's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3405 - Clarinet Choir

General

Course Description
Prerequisite: Instructor PermissionIn this course the student will become familiar with the standard clarinet choir repertoire from early to modern works. The student will be exposed to a wide selection of the literature for clarinet choir in order to gain a broader understanding of the repertory and ensemble playing. Emphasis will be on developing the clarinet choir's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3406 - Woodwind Quartet

General

Course Description
Prerequisite: Instructor permission
In this course the student will become familiar with the standard repertoire for combinations of woodwind instruments in the quartet setting from a wide range of historical periods, from early Baroque to twenty-first century music. The student will be exposed to a wide selection of the literature for woodwind quartet in order to gain a broader understanding of the repertory. Emphasis will be on developing the woodwind quartet's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3411 - String Chamber Ensemble

General

Course Description
Prerequisite: Consent of instructor. Description: In this course, students will study and perform a variety of music for various string chamber ensembles.
Repeatability: May be repeated for up to 8 credits.Course Fees: $35

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
7

MUN3413 - Orchestra

General

Course Description
Prerequisite: Consent of instructor. The course will deal with the study and performance of standard chamber music works for string ensemble. May be repeated up to 8 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
11

MUN3414 - String Choir

General

Course Description
Description: In this course, students will study and perform a variety of music within a chamber ensemble comprising themselves and other students who play the same specific string instrument.
Repeatability: This course can be re-taken up to a maximum of 8 credits
Availability: Every semester

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
7

MUN3422 - Clarinet Trio Ensemble

General

Course Description
Prerequisite: Instructor Permission
In this course the student will become familiar with the standard clarinet trio repertoire from a wide range of historical periods, from early Baroque to twenty-first century music. The student will be exposed to a wide selection of the literature for clarinet trio in order to gain a broader understanding of the repertory. Emphasis will be on developing the clarinet trio's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3424 - Woodwind Quintet

General

Course Description
Prerequisite: Instructor permissionIn this course the student will become familiar with the standard repertoire for combinations of woodwind instruments in the quintet setting from a wide range of historical periods, from early Baroque to twenty-first century music. The student will be exposed to a wide selection of the literature for woodwind quintet in order to gain a broader understanding of the repertory. Emphasis will be on developing the woodwind quintet's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3426 - Saxophone Quartet

General

Course Description
Prerequisite: Instructor PermissionIn this course the student will become familiar with the standard saxophone quartet repertoire from a wide range of historical periods, from Baroque transcriptions to contemporary art music. The student will be exposed to a wide selection of the literature for saxophone quartet in order to gain a broader understanding of the repertory and performance techniques of the saxophone. Emphasis will be on developing the saxophone quartet's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours Min:**
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3427 - Flute Ensemble

General

Course Description
Prerequisite: Instructor PermissionThis course is designed for students who study and perform on the flute. A wide variety of flute ensemble music will be rehearsed and performed. The skills to be addressed in this course include sight reading, rhythm, basic musical principles, adjustment of group balance, and intonation. Students will have the opportunity to learn a variety of instruments in the flute family, including the piccolo and alto flute. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours Min:**
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3431 - Brass Chamber Ensemble

General

Course Description
Prerequisite: Instructor permission
In this course the student will become familiar with standard literature for brass quartet and quintet, while exploring new works. The student will be exposed to a wide selection of the literature for brass quintet and quartet in order to gain a broad understanding of the repertory. Emphasis will be on developing the brass chamber ensemble's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours Min:**
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3433 - Brass Choir

General

Course Description
Prerequisite: Instructor permissionIn this course the student will become familiar with standard literature for large brass choir ensembles, while exploring new works. The student will be exposed to a wide selection of the literature for brass choir in order to gain a broad understanding of the repertory. Emphasis will be on

developing the brass choir's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

● - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3438 - Trumpet Ensemble

General

Course Description
Prerequisite: Instructor permission.In this course the student will become familiar with standard literature written specifically for trumpets in an ensemble setting, while exploring new works. The student will be exposed to a wide selection of pieces for trumpet ensemble in order to gain a broad understanding of the repertory. Emphasis will be on developing the trumpet ensemble's musical and technical range and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

● - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3443 - Percussion Ensemble

General

Course Description
Prerequisite: Consent of instructor. The study and practice of ensemble literature for various combinations of percussion instruments. Public performances may be included. Required of percussion majors. May be repeated for credit up to 12 times.(A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

● - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
11

MUN3453 - Piano Ensemble

General

Course Description
Prerequisite: Consent of instructor. Students will study and perform piano duos and duets. May be repeated for credit up to 8 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

- Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
7

MUN3463 - Mixed Chamber Music Ensemble

General

Course Description
Prerequisite: Instructor PermissionIn this course the student will become familiar with the important chamber music repertoire for combinations of woodwind, string, brass, and keyboard instruments from a wide range of historical periods, from early Baroque to twenty-first century music. The student will be exposed to a wide selection of the literature for mixed chamber groups in order to gain a broader understanding of the repertory. Emphasis will be on developing the chamber ensemble's musical and technical range, and its potential for musical expression through rehearsals and performances. This course may be repeated up to a total of ten credits. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

- Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
9

MUN3483 - Jazz Guitar Ensemble

General

Course Description
Prerequisite: Enrollment by permission of instructor through audition during registration. The jazz guitar ensemble consists of 15 guitars plus a rhythm section of three. Repertoire consists primarily of big band transcriptions, with guitars replacing the horn sections. May be repeated for credit up to 6 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

- Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
5

MUN3513 - Collaborative Piano II

General

Course Description
Prerequisiste: MUN 2510Description: Students will study the art of accompanying and collaboration through instrumental repertoire from the Baroque to the present day. Topics include performance practice, orchestral reductions, preparing repertoire and communication. Students will demonstrate practical understanding through collaboration with an instrumentalist. Repeatability: May be repeated for a total of 4 credits. Course Fees: $35

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
3

MUN3713 - Jazz Ensemble

General

Course Description
Prerequisite: Consent of instructor through audition. The performance of jazz repertoire through the big band medium. Music reading skills required. Scheduled performances on and off campus. May be repeated for credit up to 12 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
11

MUN4462 - String-Piano Sonata Class

General

Course Description
Description: This course is an intensive chamber music elective for string players and pianists, where students collaborate to produce polished performances of challenging repertoire. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel.Repeatability: The course may be repeated for a maximum of 8 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
2

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
2

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
2

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
2

Other Hours Operator:
OR

Number Of Repeats:
3

MUN4714 - Jazz Combo (Small Group)

General

Course Description
Prerequisite: Student must concurrently take applied lessons and maintain a B average in applied. Performance-oriented small group with emphasis on traditional and modern compositions and improvisation. May be repeated for credit up to 12 times. (A material fee of $35 will be assessed.)

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
OR

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
OR

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
OR

Number Of Repeats:
11

MUN5467 - String-Piano Sonata Class

General

Course Description
Description: This course is an intensive chamber music elective for string players and pianists, where students collaborate to produce polished performances of challenging repertoire. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel.
Repeatability: The course may be repeated for a maximum of 8 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
2

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
2

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
2

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
2

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6007 - Graduate Chorale

General

Course Description
Description: Membership in Chorale provides students with a choral singing background the opportunity to experience a vast array of musical styles, to work diligently and enthusiastically to achieve excellence in performance, and to perform alongside others who share an interest in choral music. Chorale performs up to four required concerts per semester. In addition to the mandatory activities during rehearsal time, Chorale offers opportunities in student leadership, such as fundraising, social events, and volunteering to assist before and after concerts with set-up, recruitment, or receptions. A positive/respectful demeanor, enthusiasm, accountability, and punctuality are elements for successful participation in this ensemble. Permission of the instructor is required. This course is repeatable for up to 4 credits. A materials fee of $35 will be assessed.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
98

MUN6125 - Concert Band

General

Course Description
The concert band rehearses and performs traditional and contemporary concert band literature. This ensemble typically gives 1–2 public performances per semester.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6145 - Wind Symphony

General

Course Description
Description: The Wind Symphony performs a full spectrum of traditional and contemporary wind band literature, with performances scheduled on and off campus. This course is required of instrumental majors and is open to all other graduate students. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6215 - Orchestra

General

Course Description
Description: This course focuses on the study and performance of standard classical, romantic and contemporary orchestral repertoires. Historical and stylistic considerations for each musical work selected is analyzed in depth. The UNF Orchestra gives many performances throughout the year in the UNF Fine Arts concert halls, as well as other concert venues.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6315 - Graduate Choral Ensemble

General

Course Description
Description: Each semester in residence, MM students in both conducting and voice are required to participate in ensembles. Placement in ensembles will be determined through an audition process. The choral repertoire includes music from the Renaissance to contemporary music and ranges from chamber music to choral-orchestral masterworks. The ensemble will rehearse up to four hours per week in addition to dress rehearsals and public performances. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 4 credits.
Course Fee: $35

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6345 - Graduate Chamber Singers

General

Course Description
Description: The primary goal of Chamber Singers is to prepare and train UNF's top musicians for a professional career in music. This ensemble provides opportunities to perform vocal music at the highest level possible, to learn and experience a variety of styles, to work with peers to meet exemplary performance goals, and to achieve a professional level as a performer. The Chamber Singers are a primary recruiting ensemble for the department, with off-campus performances and recordings done locally, nationally, and internationally. The time commitment includes up to seven mandatory performances per semester, spring recruiting days in local schools, 2-8 voluntary solo and small ensemble performance opportunities, and an international performance tour every few years in early May. Permission of the instructor is required. This course is repeatable for up to 4 credits. A materials fee of $35 will be assessed.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
98

MUN6435 - Brass Chamber Ensemble

General

Course Description
Description: Four semesters of Chamber Music are required for brass majors seeking the Master of Music (M.M.) performance degree. This class consists of one hour of instruction per week, focusing on brass chamber ensemble technique and repertoire. Learning is assessed each week through musical performance of assigned materials, and at scheduled performances during each semester.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours
Operator:
TO

Number Of Repeats:
3

MUN6445 - Graduate Percussion Ensemble

General

Course Description
Co-requisite: MVP6451
Description: This course is an ensemble for graduate student percussion majors in the School of Music. The objective of this course is to collaborate musically, through rehearsal and performance, on chamber percussion ensemble works. With a focus on chamber music performance techniques, students in this ensemble will develop advanced musical skills which include non-verbal communication, musical expression, and non-standard/extended techniques on a variety of percussion instruments. In addition, it encourages critical thinking, analytical score study, and communication skills in collaborative musical context. Music performed will include significant works by a diverse list of composers within the percussion field, in addition to performances with faculty. The Graduate Percussion Ensemble involves multiple performances per semester, including collaboration with other ensembles within the UNF School of Music.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
1

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours
Operator:
TO

Number Of Repeats:
3

MUN6465 - Graduate Chamber Music

General

Course Description
Description: In this course students will study and perform a variety of music for various chamber ensembles.
Repeatability: This course may be repeated for a maximum of 6 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
1

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours
Operator:
TO

Number Of Repeats:
5

MUN6466 - Instrumental Ensemble Performance

General

Course Description
Description: This ensemble experience will explore a full spectrum of traditional and contemporary repertoire in both small and large ensemble environments. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6497 - Trumpet Ensemble

General

Course Description
Description: Four semesters of Chamber Music are required for brass majors seeking the Master of Music (M.M.) performance degree. This class consists of one hour of instruction per week, focusing on brass chamber ensemble technique and repertoire. Learning is assessed each week through musical performance of assigned materials, and at scheduled performances during each semester.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6515 - Piano Accompanying

General

Course Description
Description: This course will ask students to accompany a single student recital, including the pre-concert jury, dress rehearsal, performance, their lessons with the soloist's teacher, and practice times mutually agreeable to soloist and accompanist or accompany private lessons in studios as assigned for a total of 4 hours per week. On occasion this course may require weekend rehearsals and performances. This course will satisfy one option for graduate piano students to meet the requirement for large ensemble credit. It can be taken, with instructor permission, in place of Choral Ensemble, Orchestra, or Wind Symphony.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6715 - Jazz Ensemble

General

Course Description
Description: This course emphasizes the performance of jazz repertoire through the big band medium. The repertoire explored will expose the student to a variety of idioms from different cultures. Music reading skills are required. In addition to the scheduled class time, performances will take place on and off campus. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUN6716 - Jazz Combo

General

Course Description
Description: In this course students will study and perform a variety of music for small jazz ensembles.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
3

MUO3006 - Summer Musical Theater Intensive

General

Course Description
Description: The Summer Musical Theater Intensive offers training in singing, acting and dance as related to musical theater. UNF Music Faculty will work in partnership with actors from London's West End Theatres to offer this instruction.
Repeatability: This course has variable credit from 1 to 6, for a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

MUO3401 - Opera Workshop

General

Course Description
Description: This course is designed for vocal students to provide them with the necessary skills in preparing operatic roles for performance. This course will address the study and performance of vocal repertoire, address principles of expressive movement on stage, and explore the development of musical, dramatic, and muscular sensitivity as a necessary form of verbal and non-verbal communication.
Repeatability: This course is repeatable up to 8 credit hours.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
7

MUO3503 - Opera Ensemble

General

Course Description
Prerequisite: Consent of instructor. Description: Rehearsal and production of scenes and complete operatic works. Three hours per week. Repeatability: May be repeated for up to 8 credits.Course Fees: $35

Credit Hours

Credit Hours:
0

Credit Hours Max:
1

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
1

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
1

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
1

Other Hours Operator:
TO

Number Of Repeats:
7

MUO3600 - Opera Mainstage

General

Course Description
Prerequisite: Students must take two semesters of MUO3503 (Opera Ensemble) before taking this course.Description: This course offers a production based curriculum, which requires participation in two rehearsals per week and performance of concerts, full opera productions, or any additional events presented by UNF Opera Mainstage each semester. Student progress will be assessed each week through musical and dramatic performance of assigned operatic repertoire. Each semester's commitment will culminate with a final performance of complete opera production, or selected concert repertoire, and will be graded by the supervising faculty. Permission of the instructor is required to register for this course.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
98

MUO6609 - Opera Mainstage

General

Course Description
Description: This course offers a production based curriculum, which requires participation in two rehearsals per week and performance of concerts, full opera productions, or any additional events presented by UNF Opera Mainstage each semester. Student progress will be assessed each week through musical and dramatic performance of assigned operatic repertoire. Each semester's commitment will culminate with a final performance of complete opera production, or selected concert repertoire, and will be graded by the supervising faculty. Permission of the instructor is required to register for this course.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
98

MUO6655 - Opera Ensemble

General

Course Description
Description: Four semesters of vocal ensembles are required for voice majors seeking the Master of Music (M.M) performance degree. This course offers a production based curriculum, which requires participation in two rehearsals per week and performance of concerts, full opera productions, or any additional events presented by UNF Opera Ensemble each semester. Learning will be assessed each week through musical and dramatic performance of assigned opera repertoire. Each semester will culminate with a final performance of complete opera production, or selected concert repertoire, and will be graded by the supervising faculty.
Repeatability: This course may be repeated for a maximum of 8 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
3

MUS1010 - Performance Laboratory

General

Course Description
Prerequisite: Must be music major. A weekly forum in which students will perform for each other and exchange critiques with the music faculty and other music students. To be taken with applied music study. May be repeated up to 8 times (no credit given).

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
7

MUS1011 - Concert Attendance

General

Course Description
The Concert Attendance course is designed to expand and integrate the individual student's musicianship, technical ability, artistic personality, and sense of responsibility. The student's knowledge of music history and styles beyond the area of specialization will be enhanced by attendance at a variety of concerts. This non-credit course is required for all music majors and is repeatable up to eight times. Music majors are required to pass eight semesters of this course as an essential requirement of all music degree programs.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
7

MUS1020 - Performance, Practice, and Critique

General

Course Description
This course is designed and required for first-year School of Music students in their first semester at UNF who are members of the Music Living Learning Community. The course meets once per week. Each session features group interaction and discussion as students present performances, oral presentations, audition preparation, technology simulations, and other academic projects as they begin to explore their career opportunities as music majors. Some class sessions may include a guest speaker from the music industry, in which case students are expected to prepare any materials handed out in advance.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

Number Of Repeats:
0

MUS2221 - French Diction

General
Course Description
Prerequisite: Consent of instructor. This course deals with diction in singing French vocal works.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUS2231 - German Diction

General
Course Description
Prerequisite: Consent of instructor. This course deals with diction in singing German vocal works.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUS2241 - Italian Diction

General
Course Description
Prerequisite: Consent of instructor. This course deals with diction in singing Italian vocal works.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUS3340 - Computer MIDI Score

General
Course Description
This course will familiarize the student with the principles of the Musical Instrument Digital Interface and its application to scoring programs. In addition, the student will learn basic computer technological applications.(A material fee of $35 will be assessed.)

Credit Hours
Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

- Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

MUS3930 - Special Topics in Music

General

Course Description
May be repeated up to 30 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
9

MUS3931 - Eminent Scholars Seminar

General

Course Description
May be repeated up to 10 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

MUS4752 - Music Study Abroad Experience

General

Course Description
Studying music within the context of another culture provides students with a unique opportunity to expand their understanding of musical concepts through firsthand cultural experiences. This study abroad course allows students to merge their academic studies with the rich musical traditions, history, and social customs of the host country. By engaging with music in its cultural setting, students will gain a deeper and more global perspective on the role of music in society. This course may be repeated for up to 3 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
0

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

MUS4803 - Body Mapping

General

Course Description
Description: This course teaches students to understand how the body moves and develop the necessary awareness to prevent pain and injury and promote freedom and ease when playing.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MUS4905 - Directed Individual Studies

General

Course Description
A maximum of 15 credits may be accumulated in directed individual studies.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
4

MUS4970 - Senior Recital

General

Course Description
Prerequisites: Seven semesters of applied music study in the concentration or major, or the equivalent. This non credit course tracks the mandatory senior recital requirement. Music majors are required to present a senior recital during the last semester of the applied music degree.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours Min:**
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
0

MUS5325 - The Music Business

General

Course Description
Description: This course offers students an opportunity to explore the business side of music. Items to be studied include unions, contract writing, copyrights, laws pertaining to the music industry, the recording industry, and performing rights organizations. As appropriate, visiting guests will be invited to address the class. Among the guests may be Eminent Scholars, Great American Jazz Series guest artists, and other professionals.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUS5661 - Philosophy of Music

General
Course Description
Description: This course introduces students to the variety of philosophical perspectives that have enhanced our understanding of the phenomenon of music. The identity of "music" is explored in light of different cultural, social, and aesthetic contexts. We focus on the linguistic character of music as a symbol form, the source and nature of emotional experiences through music, the cultural and social contexts of music production and reception, and the normative question of how to evaluate musical products and performances. The course offers original insights into music, while teaching basic theoretical insights of linguistic, social-psychological, and cultural philosophy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUS5711 - Bibliography

General
Course Description
Description: Music Bibliography provides an extensive overview of the elements involved in conducting graduate-level research in the field of music. Students will become familiar with use of libraries and all their resources, including print, digital, and archival materials. Furthermore, they will learn to properly evaluate these items. This course will also cover how to prepare research for presentation, utilizing proper citations and appropriate style.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUS5808 - Body Mapping

General
Course Description
Description: This course teaches students to understand how the body moves and develop the necessary awareness to prevent pain and injury and promote freedom and ease when playing. It also teaches students how to incorporate the principles of Body Mapping into their training of other musicians.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUS5930 - Special Topics in Music

General

Course Description
Prerequisite: Permission of instructor. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble.
Repeatability: This course may be repeated for 6 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
1

MUS6205 - Lyric Diction

General

Course Description
Description: Lyric Diction is especially designed for singers to improve their linguistic abilities as required by the singing profession. Special attention is paid to proper pronunciation and fluency in reading French, German, and Italian language. This course is required for completion of the MM degree in in Voice Performance. This course consists of two one-hour classes per week. Learning will be assessed each week according to assigned homework, proficiency tests, and vocabulary quizzes. Each semester will culminate with a final exam graded by the supervising faculty.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

MUS6616 - Psychology of Music

General

Course Description
This course surveys the literature in the psychology of music with applications to music teaching and learning. Specific topics may include basic psychoacoustical processes, auditory perception, cognitive organization of musical sound, tonal and musical memory, neuromusical research, affective and physiological responses to music, learning theory, musical aptitude, developmental processes, and motivation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUS6901 - Directed Individual Studies

General

Course Description
Description: This course may be repeated for a maximum of 6 credits. Upon registering for this course, the student must be enrolled in an Applied Music course and a large ensemble.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - **Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
11

MUS6960 - Comprehensive Oral Examination

General

Course Description
Description: The Graduate level Comprehensive Oral Exam is taken during the student's last semester in residence. This exam includes questions from the major field of study and some that are more comprehensive in nature (history, theory, style, analysis, literature) administered by the student's panel of graduate advisors. The student must be registered for this course (0 credit) during the semester in which the exam is taken.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

● - **Billing Hours Min:**
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
0

MUT1011 - Fundamentals of Music

General

Course Description
The materials of Music: rhythm, melody, tempo, dynamics, harmony, texture, tonality, timbre, form, style, mood. Selected skills in music: listening, singing, reading, playing instruments.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - **Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUT1111 - Theory I

General

Course Description
Corequisite: MUT1241. The course consists of an introduction to the basics of music theory and the techniques and concepts of voice leading as practiced during the common practice period.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - **Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUT1112 - Theory II

General

Course Description
Prerequisite: MUT 1111.
Corequisite: MUT1242.
The course consists of a continuation of the basics of music theory and the techniques and concepts of voice leading as practiced during the common practice period.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT1241 - Aural Theory I

General
Course Description
Corequisite: MUT1111. This is a beginning course designed to help the student develop abilities to recognize, write and reproduce music they see or hear. Emphasis will be on simple major and minor scales, primary chords and their inversions, simple melodic intervals, and simple duple and compound duple meters.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUT1242 - Aural Theory II

General
Course Description
Prerequisite: MUT 1241 or permission of instructor. Corequisite: MUT1112. This is a continuation of MUT1241. It includes stepwise fragments from major and minor scales, inversions of primary chords with non-chord tones, melodies with chromatic non-chord tones, duple and triple groupings and basic syncopation.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUT1361 - Jazz Fundamentals I

General
Course Description
This course is an introduction to the study of jazz theory. Students will study intervals, 7th chords, major scale derived modes, 13th chords, chord/scale relationships, chord symbols and basic chord progression.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
0

MUT1362 - Jazz Fundamentals II

General

Course Description
Prerequisite: MUT 1361. This course is a continuation of MUT 1361. Students will study melodic minor derived modes, whole tone scales, bebop scales, advanced chord/scale relationships, and ploychords.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
0

MUT2116 - Theory III

General
Course Description
Prerequisites: MUT 1111 and MUT 1112.
Corequisite: MUT2246.
The course consists of a continuation of skills learned in first-year theory and an introduction to the techniques and skills required to analyze and write music with chromatic harmony.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT2117 - Theory IV

General
Course Description
Prerequisites: MUT 1111, MUT 1112 and MUT 2116. Corequisite: MUT2247. The course consists of a continuation of the techniques and skills required to analyze and write music with chromatic harmony. Also included is the study of orchestration.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT2246 - Aural Theory III

General
Course Description
Prerequisites: MUT 1241 and MUT 1242 or permission of instructor.
Corequisite: MUT 2116.
This is a continuation of MUT 1242. It includes diatonic chord progression with inversions, melodies with skips, chromatic non-chord tones, modulations to closely related keys, and simple meters with various note values as basic beat.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUT2247 - Aural Theory IV

General

Course Description
Prerequisites: MUT 1241, MUT 1242 and MUT 2246 or permission of instructor. Corequisite: MUT 2117.
Description: This course is a continuation of MUT 2246. It includes stepwise progressions with large skips, triadic outlines through secondary dominants, incomplete non-chord tones, rhythm patterns with different note values as basic beats, syncopation between and within the beat.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MUT2641 - Jazz Improvisation I

General
Course Description
Prerequisite: MUT1362 with C or betterDescription: Beginning level in learning the art of jazz improvisation. Improvisation of modal tunes and over the IIm7-V7 progression in all major keys.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
0

MUT2642 - Jazz Improvisation II

General
Course Description
Prerequisite: Grade of C or above in MUT 2641. Description: Continuation of Improvisation I. Presentation of tunes with more difficult harmonic construction and introduction of minor II-Vs.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
0

MUT3611 - Form and Analysis

General
Course Description
Prerequisite: MUT 2117.
Description: Analysis of musical forms in western music.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT3631 - Tonal Improvisation

General
Course Description
Description: This courses is geared toward developing musicianship through improvisation within the context of tonal musical idioms, with focus on classical and folk music genres. This course is designed for non-jazz music majors who may

have limited experience improvising as classically trained instrumentalists. Seeking to incite spontaneous musical expression, analogous with conversation in spoken language, this course encourages creative and meaningful music-making by developing a comprehensive understanding of melody, harmony, and rhythm within a tonal music context by connecting aural skills with instrumental techniques. Curriculum includes an approach to improvisation through a seven-step process. Students will perform individually and together in class, and will create several musical arrangements written with music notation software. This course is restricted to students in the School of Music. This is an elective course. Permission of the instructor is required.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MUT3643 - Jazz Improvisation III

General

Course Description
Prerequisite: Grade of C or above in MUT 2642 and scale audition. Description: Advanced techniques and practices of jazz improvisation.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
0

MUT3644 - Jazz Improvisation IV

General

Course Description
Prerequisite: Grade of C or above in MUT 3643. Description: Continuation of Jazz Improvisation III and advanced skills and techniques of jazz improvisation.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
0

MUT3648 - Vocal Improvisation/Piano III

General

Course Description
Prerequisites: MUT 2117; MUT 2641 and MUT 2642; MVK 1111 and MVK 1112. This course is designed to give vocal jazz majors advanced training in improv as well as intermediate piano skills.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUT3649 - Vocal Improvisation/Piano IV

General

Course Description
Prerequisite: MUT 3648. This course continues the improv and piano skills from Vocal Improv/Piano III.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT3651 - Classical Harmony

General
Course Description
Description: This course explores the harmonic principles of the Classical or "galant" style of 18th-century Western music, as well as their continued influence on musical styles of the 19th and 20th centuries. Through exercises in composition and analysis, students will learn about the generative role of harmony in the creation of original music. This course may be taken by non-music majors who have some background in music theory and would like to develop their understanding of the subject further, as well as by music majors who would like to develop their music theory knowledge beyond their required music theory coursework. Permission of the instructor is required to register for this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT4311 - Orchestration

General
Course Description
Prerequisite: MUT 2117
Description: An examination of the instruments of the symphony orchestra and wind ensemble. Includes analysis and scoring techniques.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT4365 - Jazz Arranging I

General
Course Description
Prerequisite: Grade of C or above in MUT1362. Description: Students will focus on writing two-part, three-part and four-part arrangements for traditional jazz instrumentations. Items to be stressed include transposition, calligraphy, instrumental ranges and characteristics, professional chart lay-out, scale re-harmonization, and writing for the rhythm section.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

MUT4366 - Jazz Arranging II

General

Course Description
Prerequisite: MUT 4365. This course emphasizes writing and composing for a full jazz band of 17 or more musicians. It's main focus is section writing techniques such as unison, block, drop-two, and pad voicing. Also included is analysis of works by major jazz writers. The term will conclude with a performance of each student's complete big-band arrangement with score and parts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

MUT4369 - Jazz Arranging III

General

Course Description
Prerequisite: MUT 4366Description: This course is a study of advanced techniques employed by various successful jazz arrangers and composers. Special emphasis will be placed on writing for conventional and non-conventional jazz ensembles. Students will be assigned several arranging projects throughout the semester. The term concludes with a performance of each student's final arranging project. This course can be taken as a free elective in the B.M. Jazz Studies program of study.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

MUT4421 - 18th Century Counterpoint

General

Course Description
Prerequisite: MUT 2117
Description: An intensive study of the contrapuntal styles of the baroque masters. Includes analysis and synthesis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

MUT4564 - Nineteenth-Century Chromatic Harmony

General

Course Description
Prerequisite: MUT 2117
Description: This course is an intensive study of chromatic harmony and voice leading in music from the nineteenth and early-twentieth centuries. Students will analyze works in a variety of genres that are characteristic of this stylistic epoch. Also, students will write model compositions in which they emulate the harmonic techniques studied in this course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

MUT4626 - 20th Century Music Theory

General

Course Description
Prerequisite: MUT 2117
Description: A study of 20th century compositional techniques. Includes analysis and synthesis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUT4650 - Composition and Improvisation

General

Course Description
This course will include both imitative and original composition as well as experimental and nontraditional styles. In addition, students will be given assignments in improvisation.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

MUT4663 - Jazz Styles and Analysis I

General

Course Description
Prerequisite: Grade of C or above in MUT 1362. Description: A study of jazz styles from the New Orleans era to the "Cool" era. Includes analysis of transcribed solos as recorded by major artists.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
0

MUT4664 - Jazz Styles and Analysis II

General

Course Description
Prerequisite: MUT 4663 or permission of instructor. A study of jazz styles from hard bop to the present. Includes analysis of transcribed solos as recorded by major artists.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
0

MUT5316 - Orchestration

General

Course Description
Prerequisite: MUT 2117
Description: This course provides an intensive study of scoring techniques for the symphony orchestra and wind ensemble. Students will learn about the characteristics of string, woodwind, brass, and percussion instruments. They will analyze works from a wide range of stylistic and historical contexts, and they will be asked to arrange new and existing compositions for a variety of small and large ensembles.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUT5426 - 18th Century Counterpoint

General

Course Description
Prerequisite: MUT2117
Description: This course provides an intensive study of the contrapuntal techniques found in music of the eighteenth century. Students will analyze works in a variety of genres that are characteristic of this stylitic era. They will be asked to complete assignments and write model compositions in which they emulate the contrapuntal techniques being studied.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUT5566 - Nineteenth-Century Chromatic Harmony

General

Course Description
Prerequisites: MUT2117
Description: This course is an intensive study of chromatic harmony and voice leading in music from the nineteenth and early-twentieth centuries. Students will analyze works in a variety of genres that are characteristic of this stylistic epoch. Also, students will write model compositions in which they emulate the harmonic techniques studied in this course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MUT5575 - 20th-Century Music Theory

General

Course Description
Prerequisite: MUT 2117
Description: This course provides an intensive study of twentieth-century compositional techniques. Students will learn about concepts and methodologies that have been developed to explain the musical structures and processes characteristic of repertoire from this era. They will analyze works in a variety of genres and styles, and they will be asked to write original music in which they emulate the compositional techniques being studied.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT5613 - Form and Analysis

General
Course Description
Prerequisite: MUT 2117
Description: This course provides an intensive study of Baroque, Classical, Romantic, and twentieth-century musical form. Students will analyze works in a variety of genres that are characteristic of these stylistic epochs, and they will learn about the concepts and methodologies that music scholars have developed to explain formal structures and processes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT5666 - Jazz Styles and Analysis I

General
Course Description
Description: This course is a study of jazz styles from the New Orleans era to the "Cool" era. Emphasis is placed on the analysis of transcribed solos as recorded by major jazz artists.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT5667 - Jazz Styles and Analysis II

General
Course Description
Description: This course is a study of jazz styles from the Hard Bop era to the present. Emphasis is placed on the analysis of transcribed solos as recorded by major jazz artists.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT6355 - Jazz Arranging III

General
Course Description
Description: This course is a study of advanced techniques employed by various successful jazz arrangers and composers. Special emphasis will be placed on writing for conventional and non-conventional jazz ensembles. Students will be assigned several arranging projects throughout the semester. The term concludes with a performance of each student's final arranging project.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MUT6761 - Perspectives in Music Theory

General
Course Description
Prerequisite: MUT 2117
Description: This course provides a systematic introduction to advanced music-theoretical concepts and methodologies. Students will learn about current and historical approaches to music theory and analysis, and will consider the relationship between music theory and other musical activities (e.g., performance and composition). Coursework will involve the close study of individual musical works from a wide range of stylistic and historical contexts, together with assigned readings from scholarly books and articles.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MVB1311 - Applied Trumpet

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ - Billing Hours
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVB1312 - Applied French Horn I

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ - Billing Hours
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVB1313 - Applied Trombone

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB1314 - Applied Euphonium

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB1315 - Applied Tuba

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB2321 - Applied Trumpet

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB2322 - Applied French Horn II

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB2323 - Applied Trombone

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB2324 - Applied Euphonium

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB2325 - Applied Tuba

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB3331 - Applied Trumpet

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB3332 - Applied French Horn III

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB3333 - Applied Trombone

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB3334 - Applied Euphonium

General

Course Description
Prerequisite: Consent of instructor. This course consists of individual instruction in euphonium with a private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB3335 - Applied Tuba

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours

Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB4341 - Applied Trumpet

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours

Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB4342 - Applied French Horn IV

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated up to 4 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours

Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB4343 - Applied Trombone

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours

Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB4344 - Applied Euphonium

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB4345 - Applied Tuba

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVB4640 - Brass Pedagogy

General

Course Description
Description: This course is designed to provide students with an advanced understanding of teaching and performance techniques for brass instruments. Students will be provided with pedagogical knowledge of private brass instrument teaching including student motivation, tone production, technique, articulations, transpositions, and a survey of literature. Topics include the historical development of brass instruments, repertory and pedagogy, the study of pedagogical literature, and the proper performance practices for each historical period and genre studied.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MVB6451 - Applied Trumpet

General

Course Description
Description: Four semesters of this course are required for trumpet majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVB6452 - Applied French Horn

General

Course Description
Description: Four semesters of this course are required for French horn majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVB6453 - Applied Trombone

General
Course Description
Description: Four semesters of this course are required for trombone majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVB6454 - Applied Euphonium

General
Course Description
Description: Four semesters of this course are required for euphonium majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVB6455 - Applied Tuba

General
Course Description
Description: Four semesters of this course are required for tuba majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVB6650 - Brass Pedagogy

General

Course Description
Description: This course is designed to provide students with an advanced understanding of teaching and performance techniques for brass instruments. Students will be provided with pedagogical knowledge of private brass instrument teaching including student motivation, tone production, technique, articulations, transpositions, and a survey of literature. Topics include the historical development of brass instruments, repertory and pedagogy, the study of pedagogical literature, and the proper performance practicies for each historical period and genre studied.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MVJ1010 - Jazz Piano I

General
Course Description
Prerequisite: Music major or consent of the instructor. Corequisite: MUT 1361. This course is designed for music majors who approach piano as a secondary instrument. The student will study basic jazz piano skills with emphasis on block chords, shell voicings, diatonic 7th chords, cycle progressions, and II-V-I's in major and minor keys.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

MVJ1016 - Applied Jazz Saxophone I

General
Course Description
Prerequisite: Consent of instructor and admission to Music department. Description: This course teaches jazz improvisation via the saxophone. Concepts such as mental practice are stressed. Also the inherent multicultural aspect of jazz comes to the foreground. Students are taught to examine all cultures for fresh musical devices, understanding that old material can be used in new settings and that knowledge is ageless. The basic tools of jazz improvisation and harmony are taught and are built upon in the successive levels of this course. Repeatability: This course is repeatable one time for a total of 4 credit hours.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVJ1018 - Applied Jazz Trombone I

General
Course Description
Description: This course provides individual study in jazz trombone. Students will study jazz vocabulary with emphasis on major and minor scales, diatonic triads and seventh chords, the ii-V-I progression, and solo transcriptions. Additional topics may include technical studies, etudes, and sight reading. Repertoire will be assigned based on the student's ability and will be chosen from a broad selection of jazz standards.
Repeatability: This course may be repeated for up to 4 credit hours.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
1

MVJ1210 - Jazz Piano II

General

Course Description
Prerequisites: MVJ 1010, music major or consent of instructor. Corequisite: MUT 1362. This course is a continuation of Jazz Piano I and is designed for music majors who approach piano as a secondary instrument. The student will study advanced jazz piano skills with emphasis on II-V-I progressions, I-IV cycle progressions, modal voicings, tri-tone substitutions, and polychordal II-V-I's.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MVJ1318 - Applied Jazz Bass I

General

Course Description
Prerequisite: Consent of instructor and admission to Music department.Description: This course teaches the first level in the sequence of jazz bass performance. For this course emphasis is placed on basic functionality of the instrument. This includes a thorough tutorial of scales, modes, and arpeggios, along with basic technical instruction on the instrument itself. The skills developed in this course are then expanded upon and enhanced in subsequent levels of this course. Repeatability: This course is repeatable one time for a total of 4 credit hours.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVJ1319 - Applied Set Drums

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVJ1743 - Jazz Guitar Master Class I

General

Course Description
Prerequisite: Permission of instructor through audition during registration. The Jazz Guitar Master Class consists of theoretical concepts and how to apply them to the guitar. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
1

MVJ2228 - Applied Jazz Trombone II

General

Course Description
Description: This course provides individual study in jazz trombone. Students will study jazz vocabulary with emphasis on bebop scales, diminished scales, whole tone scales, the ii-V-I progression, and solo transcriptions. Additional topics may include technical studies, etudes, and sight reading. Repertoire will be assigned based on the student's ability and will be chosen from a broad selection of jazz standards. Repeatability: This course may be repeated for up to 4 credit hours.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
1

MVJ2326 - Applied Jazz Saxophone II

General

Course Description
Prerequisite: Successful completion of MVJ 1016, or consent of instructorDescription: This course teaches jazz improvisation via the saxophone. Dorian, Melodic Minor, Diminished Scales, Pentatonic and interchangeable tetra chords are studied along with their application. Compositions of Dizzy Gillespie and Benny Golson are studied for specific harmonic issues. Repeatability: This course is repeatable one time for a total of 4 credit hours.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVJ2328 - Applied Jazz Bass II

General

Course Description
Prerequisite: Successful completion of two semesters of MVJ 1318 or instructor consent.Description: This course teaches the second level of jazz bass performance. For this course emphasis is placed on the function of the bass in an ensemble environment. This includes instruction on 'walking' bass lines and sight-reading. Influential bass players including Ray Brown, Paul Chambers, and Ron Carter are studied and analyzed. The skills developed in this course are then expanded upon and enhanced in subsequent levels of this course. Repeatability: This course is repeatable one time for a total of 4 credit hours.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVJ2329 - Applied Set Drums

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVJ3238 - Applied Jazz Trombone III

General
Course Description
Description: This course provides individual study in jazz trombone. Students will study jazz vocabulary with emphasis on modes of the melodic minor scale, pentatonic scales, upper structure triads and triad pairs, and solo transcriptions. Additional topics may include technical studies, etudes, and sight reading. Repertoire will be assigned based on the student's ability and will be chosen from a broad selection of jazz standards and modern jazz compositions. Repeatability: This course may be repeated for up to 4 credit hours.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
1

MVJ3338 - Applied Jazz Bass III

General
Course Description
Prerequisite: Successful completion of two semesters of MVJ 2328 or instructor consent. Description: For this course emphasis is placed on the solo potential of the bass. The great bass soloists throughout jazz history are studied and analyzed, including Jimmy Blanton, Scott LaFaro, and Eddie Gomez. The skills developed in this course are then expanded upon and enhanced in subsequent levels of this class. Repeatability: This course is repeatable one time for a total of 4 credit hours.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVJ3339 - Applied Set Drums

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVJ3436 - Applied Jazz Saxophone III

General

Course Description
Prerequisite: Successful completion of MVJ 2326 or consent of instructor.Description: This course teaches jazz improvisation via the saxophone. Additionally, it stresses the team player concept, the idea that the soloist interacts with a rhythm section and must learn to be confident in that environment. Compositions in the Bebop style are studied and compared to more melodic songs, the former for jazz lines and the latter for its melodic content. Piano chord voicings are studied to gain greater harmonic awareness. Repeatability: This course is repeatable one time for a total of 4 credit hours.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVJ3531 - Applied Jazz Improvisation

General
Course Description
Description: Students in this course take lessons in jazz improvisation on a specific instrument or voice. The course features an introduction to the basic principles of jazz improvisation through demonstrations by the instructor and through exercises in listening, writing, and performing. Students complete assignments using traditional methods and the tools of music technology. This course is restricted to students in the School of Music. Permission of the instructor is required. This course is repeatable for up to 8 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVJ4346 - Applied Jazz Saxophone IV

General
Course Description
Prerequisite: Successful completion of MVJ 3436 or consent of instructor.Description: This course teaches jazz improvisation via the saxophone. This is the highest level of Jazz Saxophone with an emphasis on performance and recital preparation. The student composes original pieces of music in conjunction with a variety of materials that bring cultural diversity into the class. This course represents a culmination of three years of study in this sequence.Repeatability: This course is repeatable one time for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVJ4347 - Applied Jazz Trombone IV

General
Course Description
Description: This course provides individual study in jazz trombone. Students will study jazz vocabulary with emphasis on non-functional harmony. Additional topics may include technical studies, etudes, and sight reading. Repertoire will be assigned based on the student's ability and will be chosen from a broad selection of modern jazz compositions by Herbie Hancock, Wayne Shorter, Joe Henderson, and others.
Repeatability: This course may be repeated for up to 4 credit hours.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
1

MVJ4348 - Applied Jazz Bass IV

General

Course Description
Prerequisite: Successful completion of two semesters of MVJ 3338 or instructor consent.
Description: This course teaches the fourth and final level of jazz bass performance. For this course, advanced concepts for the bass are introduced, including the revolutionary teachings of Jaco Pastorius and Victor Wooten. Also, the compositions of advanced jazz composers such as Herbie Hancock and Wayne Shorter are studied and analyzed. This allows the student to experience a broad palette of styles and content designed to enhance the creative process.
Repeatability: This course is repeatable three times for a total of 8 credit hours.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVJ4349 - Applied Set Drums

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVJ6450 - Applied Jazz Piano

General

Course Description
Description: Four semesters of this course are required for jazz piano majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVJ6453 - Applied Guitar

General

Course Description
Description: Four semesters of this course are required for jazz guitar majors seeking the Master of Music (M.M.) performance degree. This class consists of one hour of one-on-one instruction per week, focusing on guitar technique and repertoire. Learning is assessed each week through musical performance of assigned materials, and at the end of each semester with a jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVJ6454 - Applied Jazz Bass

General
Course Description
Description: Four semesters of this course are required for jazz bass majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVJ6455 - Applied Set Drums

General
Course Description
Description: Four semesters of this course are required for jazz drum set majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVJ6456 - Applied Jazz Saxophone

General
Course Description
Description: Four semesters of this course are required for jazz saxophone majors seeking the Master of Music (M.M.) jazz performance degree. Students will study more advanced techniques of saxophone performance including but not limited to; altissimo, multiphonics and false fingerings. Harmonic and rhythmic concepts established by players such as John Coltrane, Joe Henderson, Sonny Rollins, Michael Brecker, Joe Lovano, Lee Konitz and others will be covered in depth. Students will be exposed to various approaches to practicing improvisation that will help them expand their harmonic and rhythmic vocabulary. Students at this level will also prepare for a culminating Senior Recital which will showcase their playing, composing, arranging and organizational skills. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVJ6457 - Applied Jazz Trumpet

General

Course Description
Description: Four semesters of this course are required for jazz trumpet majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVJ6458 - Applied Jazz Trombone

General

Course Description
Description: Four semesters of this course are required for jazz trombone majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVK1111 - Class Piano I

General

Course Description
Fundamentals of piano. One class hour per week. May be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVK1112 - Class Piano II

General

Course Description
Continuation of MVK 1111. Fundamentals of piano. One hour class per week. May be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVK1311 - Applied Piano

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVK1313 - Applied Organ

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in applied music in organ. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVK2021L - Piano Elective for Non-Majors

General

Course Description
Prerequisite: Instructor permission
Description: This course provides non-required individual piano study for undergraduate students from all majors. This course is available to students of all levels of musical ability, with instructor permission. Topics covered may include piano technique, etudes, repertoire, sight-reading, and piano accompaniment. Piano literature covered will include a broad range of styles and genres.
Repeatability: This course may be repeated up to a total of ten credits.
Course Fees: $35

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
9

MVK2121 - Class Piano III

General

Course Description
Continuation of MVK 1112. Fundamentals of piano. One hour class per week. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVK2122 - Class Piano IV

General

Course Description
Continuation of MVK 2121. Fundamentals of piano. One hour class per week. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVK2321 - Applied Piano

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVK2323 - Applied Organ

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in applied music in organ. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVK2750 - Piano Studio Class

General

Course Description
Co-requisite: one of MVK1311 (Applied Piano), MVK2321 (Applied Piano), MVK3331 (Applied Piano), or MVK4341 (Applied Piano).Description: This weekly performance class provides participants with an opportunity to sharpen their performance skills and to practice performing in front of an audience of their peers and applied piano instructors. Students will observe and analyze performances, and will make suggestions to help improve subsequent performances. The course will also include, as time permits, an examination of famous and historic pianists, presentations related to career development, and masterclasses by visiting artists.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ - Billing Hours
Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
98

MVK3331 - Applied Piano

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVK3333 - Applied Organ

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in applied music in organ. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVK3631 - Elementary Piano Pedagogy

General

Course Description
Description: This course includes a basic study of concepts necessary for successful private teaching at the elementary level and the principles of learning as applied to piano teaching. Various techniques for teaching pre-schoolers, older pre-college level students and adult beginning students will be examined and critiqued. Current method books with a variety of reading approaches will be considered. The emphasis will be on the specifics of teaching rhythm, note reading, keyboard technique, and the common problems associated with students in the first two years of study. This course may incorporate observing and/or assisting in the instruction of elementary piano lessons.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

MVK3632 - Intermediate Piano Pedagogy

General

Course Description
Prerequisite: MVK 3631
Description: This course is designed to prepare pedagogy students for teaching intermediate-level piano students through a study of technical concepts, teaching materials and methods, and appropriate literature from the historical style periods. The discussion of theory-based instruction and musicianship classes will be continued. Instruction includes an analytical study of the problems associated with transfer students: the appropriate techniques for confronting areas of deficiency with an emphasis upon solo literature as well as ensemble music for one, two or multiple pianos, and an examination of music instruction software, including accompanying compact discs, MIDI discs, theory computer programs, and music instruction videos. Alternative literature, including both solo and ensemble works by contemporary composers in the jazz/rock or Romantic styles will be examined. This course may incorporate observing and/or assisting in the instruction of intermediate-level piano lessons.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

MVK3702 - Choral Accompanying

General

Course Description
Prerequisite: MVK 2122
Description: In this course, students will develop skills to accompany choral and vocal groups on piano and other keyboard instruments. Students will read and analyze choral scores and develop skills to lead choral groups while performing on keyboard instruments. Students will develop and be able to perform a repertoire of representative choral literature appropriate for choral ensembles and musical theater.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

MVK4241 - Piano Elective

General

Course Description
Description: This course provides elective individual piano study. Music majors seeking secondary instrument emphasis and non-music majors pursuing elective piano instruction are both eligible for this course. Topics covered may include piano technique, etudes, repertoire, sight reading, and functional piano skills. Piano literature covered will include a broad range of styles and genres. This course may be taken for 1 or 2 credit hours.Repeatability: This course may be repeated for up to a total of 10 credits.Course Fees: $35

Credit Hours

Credit Hours:
1

Credit Hours Max:
2

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
2

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
2

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
2

Other Hours Operator:
TO

Number Of Repeats:
9

MVK4341 - Applied Piano

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVK4343 - Applied Organ

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in applied music in organ. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVK4603 - Pedagogy of Group Piano

General
Course Description
Description: This course encompasses the methodology of group piano teaching and a survey of materials for beginning through intermediate study in group keyboard teaching. Class projects include an evaluation of texts suitable for young beginners, adult classes and college courses in group piano instruction. The focus will be on issues of pacing in classroom teaching, curriculum building, need for supplementary material, and technical aspects such as rhythm drills, keyboard theory activities, and the use of exercises and etudes. Attendance on selected class days of UNF Class Piano I and III or Group Piano for Non-Majors will be required, and will lead to practice teaching of group lesson content.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

MVK4641 - Advanced Piano Pedagogy

General
Course Description
Prerequisite: MVK 3631 or MVK 4603Description: This course is designed to prepare future piano teachers to instruct advanced-level pre-college students. The primary focus will be on teaching methods, materials and concepts for the advanced student. Instructional focus will be on scales, arpeggios and technical etudes necessary to develop and maintain keyboard facility and the practice techniques employed to tackle advanced-level literature. The characteristics of Baroque, Classical, Romantic, and Contemporary styles relating to standard piano literature will be studied, as well as the major composers of solo, ensemble and concerto piano literature. This course may incorporate observing and/or assisting in the instruction of advanced-level piano lessons.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MVK4941 - Internship in Piano Pedagogy I

General
Course Description
Description: This course is designed to give pedagogy students practical experience in the teaching of children's musicianship classes and private piano lessons under faculty supervision. The focus will be on beginning-level through intermediate-level pre-college students.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVK4942 - Internship in Piano Pedagogy II

General
Course Description
Prerequisite: MVK 4941Description: This course is a continuation of Internship in Piano Pedagogy I and is designed to give pedagogy students practical experience in the teaching of children's musicianship classes and private piano lessons under faculty supervision. The focus will be on intermediate-level through advanced pre-college students.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVK5607 - Pedagogy of Group Piano

General
Course Description
Description: This course encompasses the methodology of group piano teaching and a survey of materials for beginning through intermediate study in group piano teaching. Class projects will include an evaluation of texts suitable for young beginners, adult classes, and college courses in group piano instruction. The focus will be on issues of pacing in classroom teaching, curriculum building, need for supplementary material, and technical aspects such as rhythm drills, keyboard theory activities, and the use of exercises and etudes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MVK6451 - Applied Piano

General
Course Description
Description: Four semesters of Applied Piano are required for piano majors seeking the Master of Music (M.M) performance degree. This course consists of an hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVK6650 - Seminar in Piano Pedagogy

General
Course Description
Description: This course presents the skills needed for teaching students other than traditional beginning piano students. The course will present a variety of special topics related to learning theory, non-traditional students, and the integration of technology into the piano studio. It will also include an examination of current issues, policies, and trends in the field.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MVK6755 - Piano Studio Class

General

Course Description
Co-requisite: MVK6451 (Applied Piano)
Description: This weekly performance class provides participants with an opportunity to sharpen their performance skills and to practice performing in front of an audience of their peers and applied piano instructors. Students will observe and analyze performances, and will make suggestions to help improve subsequent performances. The course will also include, as time permits, an examination of famous and historic pianists, presentations related to career development, and masterclasses by visiting artists.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ - Billing Hours
Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
98

MVO6451 - Graduate Recital

General

Course Description
Description: The Graduate Recital is presented as the culmination of four semesters of Applied lessons. The repertoire will be chosen by both the applied professor and the student. Selections will demonstrate a mastery of both technical skill and musical sophistication. The emphasis will be on the solo performer, though some additional musicians may be utilized. Program notes are required as a part of this final presentation and must be submitted and approved by the applied teacher prior to the final program publication. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 6 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
2

MVO6452 - Graduate Chamber Recital

General

Course Description
Description: The Graduate Chamber Recital will be presented prior to the culmination of four semesters of Applied lessons. The recital will be of a collaborative nature involving other musicians. The concert will be a performance of representative chamber music literature that will be coached and rehearsed with the applied teacher. The repertoire performed will demonstrate developed technique and be of a high artistic value.
Repeatability: This course may be repeated for a maximum of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
1

MVP1311 - Applied Percussion

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in percussion instruments. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVP2321 - Applied Percussion

General
Course Description
Prerequisite: Consent of instructor. Description: Individual instruction in percussion instruments. Private lesson and performance laboratory weekly. Repeatablity: May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
2

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
2

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
2

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
2

Other Hours Operator:
TO

Number Of Repeats:
3

MVP2323 - Applied Timpani

General
Course Description
Prerequisite: Permission of the Instructor is required.Description: This course involves applied lessons for timpani. Topics include fundamentals in technique, sound production, music reading, performance practice, and etude-based repertoire in orchestral and solo timpani genres. Departmental, instructor, and main applied professor permission are required. Repeatability: May be repeated for a total of 2 credits.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

Number Of Repeats:
1

MVP2324 - Applied Orchestral Percussion

General
Course Description
Prerequisite: Departmental, instructor, and main applied professor permission required Description: This course is focused on the study of orchestral percussion repertoire and concepts for instruments that may include, but are not limited to, xylophone, glockenspiel, snare drum, and accessories. Performance practice techniques and historical considerations will be presented within orchestral music works from the 17th century to present.Repeatability: May be repeated for a total of 2 credits.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVP3331 - Applied Percussion

General

Course Description
Prerequisite: Consent of instructor. Description: Individual instruction in applied percussion. Private lesson and performance laboratory weekly. Repeatability: May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
2

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
2

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
2

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
2

Other Hours Operator:
TO

Number Of Repeats:
3

MVP3333 - Applied Timpani

General

Course Description
Prerequisite: Departmental, instructor, and main applied professor permission requiredDescription: This course involves applied lessons for timpani. Topics include developing skills built in technique, sound production, performance practice considerations, etude-based repertoire, solo repertoire, and orchestral repertoireRepeatability: May be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVP3334 - Applied Orchestral Percussion

General

Course Description
Prerequisite: Departmental, instructor, and main applied professor permission required Description: This course is focused on the study of orchestral percussion repertoire and concepts for instruments that may include, but are not limited to, xylophone, glockenspiel, snare drum, and accessories. Performance practice techniques and historical considerations will be presented within orchestral music works from the 17th century to present.Repeatability: May be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVP4341 - Applied Percussion

General

Course Description
Prerequisite: Consent of instructor. Description: Individual instruction in percussion. Private lesson and performance laboratory weekly. Repeatability: May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
2

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
2

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
2

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
2

Other Hours
Operator:
TO

Number Of Repeats:
3

MVP4343 - Applied Timpani

General

Course Description
Prerequisites: Departmental, instructor, and main applied professor permission required.
Description: This course involves applied lessons for timpani. Topics include mastering advanced skills in timpani technique, sound production, performance practice considerations in 18th-21st centuries, solo timpani repertoire, orchestral timpani repertoire, and audition repertoire.
Repeatability: May be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVP4344 - Applied Orchestral Percussion

General

Course Description
Prerequisite: Departmental, instructor, and main applied professor permission required
Description: This course is focused on the study of orchestral percussion repertoire and concepts for instruments that may include, but are not limited to, xylophone, glockenspiel, snare drum, and accessories. Performance practice techniques and historical considerations will be presented within orchestral music works from the 17th century to present.
Repeatability: May be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVP4640 - Percussion Pedagogy

General

Course Description
Description: This course is designed to provide students with an advanced understanding of teaching and performance techniques for percussion instruments. Students will be provided with pedagogical knowledge of private percussion instrument teaching including student motivation, tone production, technique, articulations, transpositions, and a survey of literature. Topics include the historical development of percussion instruments, repertory and pedagogy, the study of pedagogical literature, and the proper performance practices for each historical period and genre studied.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MVP6451 - Applied Percussion

General
Course Description
Description: Four semesters of this course are required for percussion majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVP6650 - Percussion Pedagogy

General
Course Description
Description: This course is designed to provide students with an advanced understanding of teaching and performance techniques for percussion instruments. Students will be provided with pedagogical knowledge of private percussion instrument teaching including student motivation, tone production, technique, articulations, transpositions, and a survey of literature. Topics include the historical development of percussion instruments, repertory and pedagogy, the study of pedagogical literature, and the proper performance practicies for each historical period and genre studied.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

MVS1314 - Applied String Bass

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVS1316 - Applied Guitar

General
Course Description
Prerequisite: Admission as music major; consent of instructor. Individual instruction in guitar. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS1411 - Applied Violin I

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS1412 - Applied Viola I

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS1413 - Applied Violoncello I

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS2324 - Applied String Bass

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS2326 - Applied Guitar

General

Course Description
Prerequisite: Admission as music major; consent of instructor. Individual instruction in guitar. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS2421 - Applied Violin II

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in violin will be given on weekly basis. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS2422 - Applied Viola II

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS2423 - Applied Violoncello II

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS2703 - Cello Class

General

Course Description
Co-requisite: MVS 1413, MVS 2423, MVS 3433, or MVS 4443Description: This weekly performance class provides students with the opportunity to practice performing while receiving constructive criticism from their peers and the instructor. Students will observe and analyze performances, and find solutions to help improve the performances of their peers.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Other Hours

Other Hours Min:
0

Number Of Repeats:
0

MVS3334 - Applied String Bass

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS3336 - Applied Guitar

General

Course Description
Prerequisite: Admission as music major; consent of instructor. Individual instruction in guitar. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS3431 - Applied Violin III

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVS3432 - Applied Viola III

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVS3433 - Applied Violoncello III

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVS3530 - Violin and Viola Repertory I

General
Course Description
Description:This course is a study of violin and viola repertory from the Baroque Period through the Classical Period.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MVS3531 - Violin and Viola Repertory II

General
Course Description
Description: This course is a study of violin and viola repertory from the Romantic Period through the 20th Century.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
1

MVS3532 - Cello and Bass Repertory I

General
Course Description
Description: This course is a study of cello and bass repertory from the Baroque Period through the Classical Period.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MVS3533 - Cello and Bass Repertory II

General
Course Description
Description: This course is a study of cello and bass repertory from the Romantic Period through the 20th Century.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MVS3630 - Cello and Bass Pedagogy

General
Course Description
Description: This course will cover the study of various cello/bass teaching methods and playing techniques as well as the selection of appropriate repertoire and studies for students of all levels. Methods will include developing proper playing and practicing techniques, correct playing posture and instrument hold, as well as exploration of the uses of scales and etudes. The instructor will present various exercises and excerpts and offer commentary. Students will analyze, discuss and present selected exercises as assigned by the instructor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MVS3640 - Violin and Viola Pedagogy

General
Course Description
Prerequisite: Permission of instructor.
Description: This course will cover the study of various violin/viola teaching methods and playing techniques as well as the selection of appropriate repertoire and studies for students of all levels. Methods will include developing proper playing and practicing techniques, correct playing posture and instrument hold, as well as exploration of the uses of scales and etudes. The instructor will present various exercises and excerpts and offer commentary. Students will analyze, discuss, and present selected exercises as assigned by the instructor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

MVS4344 - Applied String Bass

General

Course Description
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated up to 3 times for a total of 8 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVS4346 - Applied Guitar

General
Course Description
Prerequisite: Admission as music major; consent of instructor. Individual instruction in guitar. Private lesson and performance laboratory weekly. May be repeated up to 3 times for a total of 8 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVS4441 - Applied Violin IV

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated up to 3 times for a total of 8 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVS4442 - Applied Viola IV

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated up to 3 times for a total of 8 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVS4443 - Applied Violoncello IV

General
Course Description
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated up to 3 times for a total of 8 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVS4542 - Violin Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for violin. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fit into the orchestral composition.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVS4543 - Viola Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for viola. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fit into the orchestral composition.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVS4544 - Cello Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for cello. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fit into the orchestral composition.
Repeatability: Course may be repeated for up to 20 credit hours.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
9

MVS4547 - Bass Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for bass. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fit into the orchestral composition.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVS4641 - Advanced Violin and Viola Pedagogy

General
Course Description
Description: This class consists of two and a half hours of instruction per week, focusing on violin and viola technique, teaching and applying concepts to repertoire. Learning is assessed each week through the student's ability to state their knowledge on the subject matter and their progression in their ability to teach technical concepts related to string playing. Other requirements such as presentations or papers will also be part of this class.
Repeatability: This course may be repeated for a maximum of 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

MVS4642 - Advanced Cello and Bass Pedagogy

General
Course Description
Description: This class consists of two and a half hours of instruction per week, focusing on cello and bass technique, teaching and applying concepts to repertoire. Learning is assessed each week through the student's ability to state their knowledge on the subject matter and their progression in their ability to teach technical concepts related to string playing. Other requirements such as presentations or papers will also be part of this class.
Repeatability: This course may be repeated for a maximum of 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

MVS6451 - Applied Violin

General
Course Description
Description: Four semesters of Applied Violin are required for violin majors seeking the Master of Music (M.M.) performance degree. This class consists of one hour of one-on-one instruction per week, focusing on violin technique and repertoire. Learning is assessed each week through musical performance of assigned materials, and at the end of each semester with a jury examination performed for a faculty panel.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVS6452 - Applied Viola

General

Course Description
Description: Four semesters of Applied Viola are required for viola majors seeking the Master of Music (M.M.) performance degree. This class consists of one hour of one-on-one instruction per week, focusing on viola technique and repertoire. Learning is assessed each week through musical performance of assigned materials, and at the end of each semester with a jury examination performed for a faculty panel.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVS6453 - Applied Cello

General

Course Description
Description: Four semesters of Applied Cello are required for cello majors seeking the Master of Music (M.M.) performance degree. This class consists of one hour of one on one instruction per week, focusing on cello technique and repertoire. Learning is assessed each week through musical performance of assigned materials, and at the end of each semester with a jury examination performed for a faculty panel.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVS6454 - Applied Bass

General

Course Description
Description: Four semesters of Applied Bass are required for bass majors seeking the Master of Music (M.M.) performance degree. This class consists of one hour of one-on-one instruction per week, focusing on bass technique and repertoire. Learning is assessed each week through musical performance of assigned materials, and at the end of each semester with a jury examination performed for a faculty panel.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVS6455 - Applied Harp

General

Course Description
Description: This class consists of one hour of one-on-one instruction per week, focusing on harp technique and repertoire. Learning is assessed each week through musical performance of assigned materials, and at the end of each semester with a jury examination performed for a faculty panel. This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)
⚫ - Billing Hours
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

Billing Hours (Students)
⚫ - Billing Hours
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVS6551 - Violin Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for violin. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fit into the orchestral composition.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ - Billing Hours
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVS6552 - Viola Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for viola. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fit into the orchestral composition.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

MVS6553 - Cello Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for cello. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fit into the orchestral composition.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ - Billing Hours
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVS6554 - Bass Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for bass. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fit into the orchestral composition.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ - Billing Hours
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

MVS6555 - Harp Orchestra Repertory

General
Course Description
Description: This class focuses on the most challenging orchestral excerpts for harp. Each excerpt will be discussed and performed, addressing the technical demands as well as the broader context of how the excerpt fits into the orchestral composition. May be repeated for a maximum of 2 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ - Billing Hours
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
1

MVS6653 - Advanced Violin and Viola Pedagogy

General
Course Description
Description: One semester of Advanced Violin and Viola String Pedagogy is required for violin and viola majors seeking the Master of Music (M.M.) performance degree. This class consists of two and a half hours of instruction per week, focusing on violin and viola technique, teaching and applying concepts to repertoire. Learning is assessed each week through the student's ability to state their knowledge on the subject matter and their progression in their ability to teach technical concepts related to string playing. Other requirements such as presentations or papers will also be part of this class.
Repeatability: This course may be repeated for a maximum of 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

MVS6654 - Advanced Cello and Bass Pedagogy

General
Course Description
Description: One semester of Advanced Cello and Bass Pedagogy is required for cello and bass majors seeking the Master of Music (M.M.) performance degree. This class consists of two and a half hours of instruction per week, focusing on cello and bass technique, teaching and applying concepts to repertoire. Learning is assessed each week through the student's ability to state their knowledge on the subject matter and their progression in their ability to teach technical concepts related to string playing. Other requirements such as presentations or papers will also be part of this class.
Repeatability: This course may be repeated for a maximum of 6 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

MVS6655 - Advanced Harp Pedagogy

General
Course Description
Descriptions: This class consists of two and a half hours of instruction per week, focusing on harp technique, teaching and applying concepts to repertoire. Learning is assessed each week through the student's ability to state their knowledge on the subject matter and their progression in their ability to teach technical

concepts related to harp playing. Other requirements such as presentations or papers will also be part of this class. This course may be repeated for a maximum of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

MVS6976 - Graduate String Recital

General

Course Description
Description: This course tracks the mandatory solo recital requirement for the Master of Music in Performance degree. Music majors in the M.M. Performance program are required to present a minimum of one solo recital.
Repeatability: This course may be repated for a maximum of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVS6977 - Graduate String Chamber Recital

General

Course Description
Description: This course satisfies the chamber recital requirement for the Master of Music in Performance degree with a concentration in Strings. String majors are required to present a minimum of one chamber recital.
Repeatability: This course may be repeated for a maximum of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVV1111 - Class Voice

General

Course Description
Description: This one-hour weekly course examines the fundamentals of vocal production.
Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVV1311 - Applied Voice

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in applied voice and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVV1871 - Voice for Non-majors I

General
Course Description
Co-requisite: MUN 2310 or MUN 3313 or MUN 3323 or MUN 3333 or MUN 3343 or MUO 3503
Description: Individual instruction will be given in voice. Students receive weekly private lessons and participate in weekly performance laboratory. This course is open to non-voice performance majors and non-music majors.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MVV2321 - Applied Voice

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in applied voice and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVV2872 - Voice for Non-majors II

General
Course Description
Co-requisite: MUN 3313 or MUN 3323 or MUN 3333 or MUN 3343 or MUO 3503 or MUN 2310
Description: Individual instruction will be given in voice. Students receive weekly private lessons and participate in weekly performance laboratory. This course is open to non-voice performance majors and non-music majors.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MVV3331 - Applied Voice

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in applied voice and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVV3876 - Voice for Non-majors III

General
Course Description
Co-requisite: MUN 2310 or MUN 3313 or MUN 3323 or MUN 3333 or MUN 3343 or MUO 3503
Description: Individual instruction will be given in voice. Students receive weekly private lessons and participate in weekly performance laboratory. This course is open to non-voice performance majors and non-music majors.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MVV3970 - Junior Voice Recital

General
Course Description
Prerequisite: MVV 1311 and MVV 2321Co-requisite: MVV 3331Description: Music majors can present a junior recital during the fifth or sixth semester of voice study (MVV3331). This is a non credit course which provides important solo and collaborative performance opportunity and also preparation for the mandatory senior recital.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Other Hours
Other Hours Min:
0

Number Of Repeats:
0

MVV4341 - Applied Voice

General
Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in applied voice and participate in performance laboratory each week.
Repeatability: This course may be repeated up to 3 times for a total of 8 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVV4640 - Vocal Pedagogy

General

Course Description
Prerequisite: Consent of instructor
Description: The course examines various voice teaching methods.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MVV4877 - Voice for Non-majors IV

General
Course Description
Co-requisite: MUN 2310 or MUN 3313 or MUN 3323 or MUN 3333 or MUN 3343 or MUO 3503
Description: Individual instruction will be given in voice. Students receive weekly private lessons and participate in weekly performance laboratory. This course is open to non-voice performance majors and non-music majors.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
1

MVV4971 - Senior Voice Recital

General
Course Description
Prerequisite: MVV 1311, MVV 2321, and MVV 3331 Co-requisite: MVV 4341
Description: This course provides important solo and collaborative performance opportunity and is a requirement of the B.M. Music Performance - Classical Voice concentration.

Credit Hours
Credit Hours:
0

Contact Hours
Contact Hours Min:
0

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Other Hours
Other Hours Min:
0

Number Of Repeats:
0

MVV6451 - Applied Voice

General
Course Description
Description: Four semesters of Applied Voice are required for voice majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of on-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for up to 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVV6651 - Vocal Pedagogy

General

Course Description
Description: Vocal Pedagogy is especially designed for singers to improve their understanding of the anatomy, physiology and function of the singing voice. This course provides a comprehensive overview of the concepts and methodologies of modern and historical vocal pedagogy. Vocal Pedagogy is required for completion of the MM degree in Voice Performance. This course consists of two 50-minute classes per week. Learning will be assessed each week through assigned homework, written exams, and course projects. Each semester will culminate with a final examination graded by the supervising faculty.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

MVV6976 - Graduate Voice Recital

General

Course Description
Description: This course consists of preparation and performance of one full solo voice recital to be performed at the end of the year of study. Preparation for the recital will take place each week during Applied Voice Lessons, and it will be assessed according to performance of assigned repertoire. Each recital will be performed live and graded by a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW1211 - Secondary Flute I

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in flute and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW1213 - Secondary Clarinet I

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in clarinet and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW1311 - Applied Flute I

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in flute and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW1312 - Applied Oboe I

General

Course Description
Prerequisite: Consent of instructor.
Description: Students receive individual instruction in oboe and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW1313 - Applied Clarinet I

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in clarinet and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW1314 - Applied Bassoon I

General

Course Description
Prerequisite: Consent of instructor.
Description: Students receive individual instruction in bassoon and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW1315 - Applied Saxophone

General

Course Description
Prerequisite: Consent of instructor.
Description: Students receive individual instruction in saxophone and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW2223 - Secondary Clarinet II

General

Course Description
Prerequisite: Consent of instructor.
Description: Students receive individual instruction in clarinet and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW2221 - Secondary Flute II

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in flute and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

MVW2321 - Applied Flute II

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in flute and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW2322 - Applied Oboe II

General

Course Description
Prerequisite: Consent of instructor.
Description: Students receive individual instruction in oboe and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW2323 - Applied Clarinet II

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in clarinet and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW2324 - Applied Bassoon II

General

Course Description
Prerequisite: Consent of instructor.
Description: Students receive individual instruction in bassoon and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW2325 - Applied Saxophone

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in saxophone and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW3231 - Secondary Flute III

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in flute and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW3233 - Secondary Clarinet III

General

Course Description
Prerequisite: Consent of instructor.
Description: Students receive individual instruction in clarinet and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW3331 - Applied Flute III

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in flute and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW3332 - Applied Oboe III

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in oboe and participate in performance laboratory each week.
Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVW3333 - Applied Clarinet III

General
Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in clarinet and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVW3334 - Applied Bassoon

General
Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in bassoon and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVW3335 - Applied Saxophone

General
Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in saxophone and participate in performance laboratory each week. Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
3

MVW4241 - Secondary Flute IV

General
Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in flute and participate in performance laboratory each week. Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW4243 - Secondary Clarinet IV

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in clarinet and participate in performance laboratory each week.Repeatability: This course may be repeated for a total of 2 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
1

MVW4341 - Applied Flute IV

General

Course Description
Prerequisite: Consent of instructor.
Description: Students receive individual instruction in flute and participate in performance laboratory each week.
Repeatability: This course may be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW4342 - Applied Oboe IV

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in oboe and participate in performance laboratory each week.Repeatability: This course may be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW4343 - Applied Clarinet IV

General

Course Description
Prerequisite: Consent of instructor. Description: Students receive individual instruction in clarinet and participate in performance laboratory each week.
Repeatability: This course may be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW4344 - Applied Bassoon

General

Course Description
Prerequisite: MVW 3334 and consent of instructor
Description: Students receive individual instruction in bassoon and participate in performance laboratory each week.
Repeatability: This course may be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW4345 - Applied Saxophone

General

Course Description
Prerequisite: Consent of instructor.Description: Students receive individual instruction in saxophone and participate in performance laboratory each week.
Repeatability: This course may be repeated up to 3 times for a total of 8 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
3

MVW4640 - Woodwind Pedagogy

General

Course Description
Description: This course is designed to provide students with an advanced understanding of teaching and performance techniques for woodwind instruments. Students will be provided with pedagogical knowledge of private woodwind instrument teaching including student motivation, tone production, technique, articulations, transpositions, and a survey of literature. Topics include the historical development of woodwind instruments, repertory and pedagogy, the study of pedagogical literature, and the proper performance practices for each historical period and genre studied.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

MVW6451 - Applied Flute

General

Course Description
Description: Four semesters of this course are required for flute majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVW6452 - Applied Oboe

General

Course Description
Description: Four semesters of this course are required for oboe majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVW6453 - Applied Clarinet

General

Course Description
Description: Four semesters of this course are required for clarinet majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVW6454 - Applied Bassoon

General

Course Description
Description: Four semesters of this course are required for bassoon majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
5

MVW6455 - Applied Saxophone

General

Course Description
Description: Four semesters of this course are required for saxophone majors seeking the Master of Music (M.M) performance degree. This course consists of one hour of one-on-one instruction per week. Learning will be assessed each week through musical performance of assigned repertoire. Each semester will culminate with a final jury examination performed for a faculty panel. Permission of the instructor is required.
Repeatability: This course may be repeated for a maximum of 12 credits.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Other Hours
Other Hours Min:
2

Number Of Repeats:
5

MVW6650 - Woodwind Pedagogy

General
Course Description
Description: This course is designed to provide students with an advanced understanding of teaching and performance techniques for woodwind instruments. Students will be provided with pedagogical knowledge of private woodwind instrument teaching including student motivation, tone production, technique, articulations, transpositions, and a survey of literature. Topics include the historical development of woodwind instruments, repertory and pedagogy, the study of pedagogical literature, and the proper performance practicies for each historical period and genre studied.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR734C - Nursing Management and Leadership Project

General

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

NGR5003C - Health Assessment and Diagnostics

General
Course Description
Prerequisite: Admission to the DNP Program or consent of instructor. Description: Focuses on development of proficiency in assessment and interview skills in obtaining health history and physical examination. Identification of abnormal findings for treatment/referral is emphasized. Use of basic laboratory and diagnostic data to diagnose common uncomplicated health problems and acute illness or injury is included. Course Fees: $400 (not applicable in summer terms)

Credit Hours
Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Lab Hours

Lab Hours Min:
1

Lab Hours Max:
4

Lab Hours Operator:
TO

Number Of Repeats:
0

NGR5057 - Health Assessment and Pharmacology

General

Course Description
Description: This course combines basic knowledge regarding pharmacotherapeutics and Health Assessment. Throughout the course, the student will review commonly prescribed drugs including pharmacokinetics, actions, uses, side effects, contraindications, dosage and routes. In addition, the student will develop proficiency in the skills of comprehensive health assessment of culturally diverse persons across the life span. Basic laboratory tests will be reviewed as they relate to medications or findings from the physical exam.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours Min:**
4

Lecture Hours

Lecture Hours Min:
4

NGR5110 - Theoretical Framework for Practice

General

Course Description
Prerequisite: Admission to the MSN program.
Corequisite: NGR 5810
Description: This course includes information related to the use of science-based theories and concepts as the basis for the highest
level of nursing practice. The focus is on a wide range of theories from nursing and other sciences. Emphasis is on the synthesis of theories to develop a conceptual framework for the delivery of advanced nursing care.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR5141 - Advanced Pathophysiology

General

Course Description
Prerequisite: Admission to MSN program or consent of instructor. Corequisite: NGR 5192. An advanced study of the normal physiologic and pathologic mechanisms of disease over the life span. Clinical application of pathophysiologic disorders will be emphasized.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR5172 - Pharmacotherapeutics

General

Course Description
Prerequisite: Admission to the MSN program or consent of instructor. Corequisite: NGR 5141. Review commonly prescribed drugs including pharmacokinetics, actions, uses, side effects, contraindications, dosage and routes. Special emphasis will be given to developmental considerations, preparing written prescriptions,

safety, cost effectiveness, legal requirements and patient education. Students will be prepared to write protocols for prescriptive privileges following Nurse Practice Act guidelines.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR5226 - Quality of Life and Chronic Medical Conditions

General

Course Description
Description: This online graduate-level course explores the relationship between quality of life (QOL) and chronic medical conditions/illnesses. Course learning content draws on background knowledge related to anatomy, pathophysiology, evidence-based practice, psychology and social sciences to bring about a deeper understanding of the impact a given medical condition may have on an individual's state of health and well-being. Students will explore and synthesize research related to treatment approaches affecting QOL for specific populations with chronic medical conditions.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

NGR5601C - Diagnosis and Management of Acute Conditions of Adults and Children

General

Course Description
Prerequisite: NGR 5001C
Co-requisite: NGR 5110
Description: This advanced practice nursing course focuses on acute self-limiting common health conditions of culturally diverse persons across the life span. Emphasis is on pathophysiology, comprehensive assessment, diagnosis, therapeutic modalities, and evaluation of outcomes of care. The clinical practicum enables the student to apply acquired knowledge and advanced practice nursing skills in primary care settings.

Credit Hours

Credit Hours:
5

Contact Hours

Contact Hours Min:
5

Billing Hours (Students)

● **- Billing Hours**
Min:
5

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

NGR5810 - Research Methods for Evidence-Based Nursing Practice

General

Course Description
Prerequisite: Admission to the MSN program
Description: This course includes information related to research methodologies and the translation of research in evidence-based practice. The focus is on application of scientific knowledge to advanced nursing practice. Emphasis is on skill development in critiquing and synthesizing research evidence to address specific advanced nursing practice questions or problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR5931 - Special Topics in Nursing

General

Course Description
Post baccalaureate seminar on various topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR5957 - Nursing Study Abroad

General

Course Description
This study abroad course will offer a rich and multifaceted experience that combines healthcare education with cultural immersion. This experiential learning opportunity aims to increase graduate students' knowledge and understanding of historical aspects of medicine and nursing as well as broaden students' perspectives on global health issues and healthcare. Topics and regions will vary based on abroad experience. Students should refer to the International Center website or the department for further information.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

NGR6192 - Promoting Innovation in Nursing Practice

General

Course Description
This course is designed to empower MSN-level nurses to create innovative solutions to local, national, or global healthcare problems.Students are challenged to think critically about the evolving field of healthcare in relation to developing socially responsible and ethically based solutions for healthcare providers and patients. Students will investigate emerging technologies, care models, and the role technology plays in those models. Existing healthcare applications will be examined along with emerging trends and forecast future needs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6400 - Chemistry and Physics of Anesthesiology Nursing I

General

Course Description
Prerequisite: Admission to the Nurse Anesthetist Program. Detailed study of the biochemical and physical principles, which apply to physiology, pharmacology, and anesthesia equipment. Emphasis is placed on biochemistry and physics of gases and vapors.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NGR6401 - Chemistry and Physics for Anesthesiology Nursing II

General

Course Description
Prerequisite: NGR6400
This course is a continuation of the focus on the biochemical and physical principles required for understanding the mechanisms, actions, equipment, and theories as they apply to anesthesia practice.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

NGR6404 - Advanced Bioscience for Anesthesiology Nursing I

General

Course Description
Prerequisite: NGR 5141
This is a course in human anatomy, physiology, and pathophysiology to include the effects of anesthesia on the cell, the circulatory system, and the respiratory system.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6405 - Advanced Bioscience for Anesthesiology Nursing II

General

Course Description
Prerequisites: NGR 6404
This is a course in human anatomy, physiology, and pathophysiology to include the effects of endocrine, neurological, orthopedic, excretory, and digestive systems on anesthesia management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR6421 - Principles of Anesthesiology Nursing I

General
Course Description
Prerequisites: Admission to the Nurse Anesthetist program
This course is a broad field orientation to advanced nursing practice. Study of the areas of pre, intra, and postanesthesia planning, monitoring, and record keeping are included.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

NGR6422 - Principles of Anesthesiology Nursing II

General
Course Description
Prerequisites: NGR 6421
The course will emphasize the anesthetic management of the pediatric, geriatric, and obstetrical patient. The course will review the specific anesthetic needs for each specialty.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR6423 - Principles of Anesthesiology Nursing III

General
Course Description
Prerequisites: NGR 6422
This course covers principles of cardiothoracic anesthesia, preoperative assessment, pre, intra, and postoperativve management, extracorporeal circulation, cardiac assist devices, and pharmacological intervention.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

NGR6424 - Principles of Anesthesiology Nursing IV

General
Course Description
Prerequisites: NGR 6423
This course covers principles of emergency and trauma management, as well as anesthesia specialty procedures related to orthopedics and neurosurgery.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NGR6431L - Anesthesiology Nursing Practicum I

General

Course Description
Prerequisites: Admission to the Nurse Anesthetist program
Description: This experience is an introduction to the clinical art and science of anesthesiology nursing. It introduces the clinical component of the anesthesia management techniques. This includes supervised clinical practice.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

NGR6432L - Anesthesiology Nursing Practicum II

General

Course Description
Prerequisites: NGR 6431L
Description: This course is the second in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
0

NGR6433L - Anesthesiology Nursing Practicum III

General

Course Description
Prerequisites: NGR 6432L
Description: This course is the third in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ - Billing Hours
Min:
4

Lab Hours

Lab Hours Min:
4

Number Of Repeats:
0

NGR6434L - Anesthesiology Nursing Practicum IV

General

Course Description
Prerequisites: NGR 6433L
Description: This course is the fourth in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

Credit Hours
Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Lab Hours
Lab Hours Min:
6

Number Of Repeats:
0

NGR6435L - Anesthesiology Nursing Practicum V

General
Course Description
Prerequisites: NGR 6434L
Description: This course is the fifth in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

Credit Hours
Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Lab Hours
Lab Hours Min:
6

Number Of Repeats:
0

NGR6460 - Pharmacology of Anesthesiology Nursing I

General
Course Description
Prerequisite: Admission to the Nurse Anesthetist Program. This course covers pharmacology of drugs affecting the autonomic nervous system as well as anesthetic agents. Administration and doses of the adjunctive drugs are included.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

NGR6461 - Pharmacology of Anesthesiology Nursing II

General
Course Description
Prerequisite: NGR 6460
This course will cover the uptake, distribution, and biotransformation of anesthetics, including the advanced study of therapy in anesthesia of specialty areas and treatment of complications.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

NGR6490 - Regional Anesthesia

General

Course Description
Prerequisites: NGR 6421
This course covers theoretical and clinical aspects of the administration and management of regional anesthesia. Anatomy, physiology, and pharmacology will be studied and applied to the administration of anesthetic blocks.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
● **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

NGR6491 - Advanced Anesthesiology Nursing Seminar

General
Course Description
Prerequisite: NGR 6436L and NGR 6424
Description: This is an advanced clinical review as presented by the graduate students regarding specific case presentations. The course will serve as a review for the national certification examination.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR6492 - Professional Aspects of Anesthesiology Nursing

General
Course Description
Prerequisites: Admission to the Nurse Anesthetist Program
This course explores: AANA organizational structure, including affiliated councils, codes of ethical conduct, and current issues in anesthesiology nursing.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
● **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

NGR6493 - Technology in Anesthesiology Nursing

General
Course Description
Prerequisites: Admission to the Nurse Anesthetist program
Use and care of anesthesia equipment (mechanical and electronic) are discussed. Computers and their uses in anesthesiology are also included.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
● **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

NGR6494 - Advanced Modalities in Pain Management

General

Course Description
This course correlates aspects of human anatomy, physiology, pathophysiology and pharmacology as they are related to the diagnosis and treatment of acute and chronic pain. Pain assessment and discussion of multimodal pain management strategies are included.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6530 - Neuropathophysiology of Mental Illness for PMHNP

General

Course Description
This course focuses on the neuroanatomy and pathophysiology of brain function in mental illness. Concepts from neuroanatomy, genetics, neurophysiology, and neuropsychiatry are examined to provide foundational knowledge to advanced practice nurses. The course addresses neuroanatomy applications to clinical practice including psychopathology and prescribing psychotropic medications. The course includes a survey of the theoretical models of learning, memory, and maladaptive behavior in psychiatric treatment.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6531C - Psychotherapeutic Modalities & Nursing Theory for the PMHNP

General

Course Description
This course will explore psychotherapeutic theories, modalities and psychotherapy skills guided by psychiatric mental health nurse practitioner faculty. Advance practice nursing students will apply and build predominant nursing theoretical frameworks while developing psychotherapy skills using therapeutic communication. Students apply fundamental psychotherapy skills in the domains of cognitive and didactic therapeutic frameworks including individual, family, and group modalities. Theoretical and conceptual models for assessing and treating dysfunctional mental health patterns in individuals across the lifespan within families and groups will be emphasized, to restore and maintain healthy interpersonal dynamics. This course incorporates intervention, maintenance, and mental health promotion.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

NGR6532 - Advanced Practice in Mental Health Nursing I: Psychiatric Assessment across the Lifespan

General

Course Description
Prerequisites: NGR6530, NGR6538, and NGR6531
Co-requisite: NGR6532L
Description: This course provides the psychiatric mental health nurse practitioner the foundation for mental health assessment of patients across the lifespan. Emphasis is on development of a holistic and culturally sensitive comprehensive evidence-based assessment process with the Diagnostic and Statistical Manual of Mental Disorders (DSM) criteria providing guidance for the diagnostic process

along with other authoritative resources. The mental status exam, bio-psycho-social history-taking, laboratory data, genetic diagnostics, and screening tools are used to identify mental health problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6532L - Advanced Practice in Mental Health Nursing Clinical Experience I: Assessment

General

Course Description
Prerequisites: NGR6530, NGR6538, and NGR6531
Description: This clinical course provides the psychiatric mental health nurse practitioner clinical experiences that serve as a foundation for mental health assessment and treatment of patients across the lifespan. Emphasis is on clinical experiences that assist in development of a holistic and culturally sensitive comprehensive evidence-based assessment process with the Diagnostic and Statistical Manual of Mental Disorders (DSM) criteria providing guidance for the diagnostic process along with other authoritative resources. Documented utilization of the mental status exam, bio-psycho-social history-taking, laboratory data assessment, genetic diagnostics, and screening tools are used to identify mental health problems during the clinical experience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
0

NGR6533 - Advanced Practice in Mental Health Nursing II: Diagnostic Reasoning and Management of Adults

General

Course Description
Prerequisite: NGR6532
Co-requisite: NGR6533L
Description: This course focuses on diagnostic reasoning, therapeutic, and psychopharmacological treatment of patients with mental health disorders across the lifespan. This course also includes pharmacogenomics and the impact of political, legal, economic, social, and technological forces on individuals and families. Additional focus is placed on holistically focused care with bio-psycho-social and environmental considerations for best client/treatment outcomes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6533L - Advanced Practice in Mental Health Nursing Clinical Experience II: Adults

General

Course Description
Prerequisite: NGR6532
Description: This clinical course provides the psychiatric mental health nurse practitioner clinical experiences that serve as a foundation for mental health adult patients. Emphasis is on clinical experiences that assist in development of a holistic and culturally sensitive comprehensive evidence-based assessment process with the Diagnostic and Statistical Manual of Mental Disorders (DSM) criteria providing guidance for the diagnostic process along with other authoritative resources. Documented utilization of the mental status exam, bio-psycho-social history-taking, laboratory data assessment, genetic diagnostics, and screening tools are used to identify mental health problems during the clinical experience.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

NGR6534 - Advanced Practice in Mental Health Nursing III: Diagnostic Reasoning and Management in Pediatrics

General
Course Description
Prerequisite: NGR6533
Co-requisite: NGR6534L
Description: This course focuses on diagnostic reasoning, therapeutic, and psychopharmacological treatment of patients with complex mental health disorders across the lifespan. Focus is placed upon those diagnoses classified as severe mental illness (SMI) including psychotic disorders, dissociative disorders, traumatic disorders, and disorders of personality. This course also includes pharmacogenomics and the impact of political, legal, economic, social, and technological forces on individuals and families treated for severe mental illness. Additional focus is placed on holistically focused care with bio-psycho-social and environmental considerations for best client/treatment outcomes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR6534L - Advanced Practice in Mental Health Nursing Clinical Experience III: Pediatrics

General
Course Description
Prerequisite: NGR6533
Description: This clinical course provides the psychiatric mental health nurse practitioner clinical experiences that serve as a foundation for mental health assessment and treatment of children and adolescents. Emphasis is on clinical experiences that assist in development of a holistic and culturally sensitive comprehensive evidence-based assessment process with the Diagnostic and Statistical Manual of Mental Disorders (DSM) criteria providing guidance for the diagnostic process along with other authoritative resources. Documented utilization of the mental status exam, bio-psycho-social history-taking, laboratory data assessment, genetic diagnostics, and screening tools are used to identify mental health problems during the clinical experience.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

NGR6535 - Advanced Practice in Mental Health Nursing IV: Simulation

General
Course Description
Prerequisite: NGR6534
Co-requisite: NGR6535L
Description: This clinical course provides the psychiatric mental health nurse practitioner virtual simulated clinical experiences in mental health assessment and treatment of patients across the lifespan. Emphasis is on simulated experiences that assist in development of a holistic and culturally sensitive comprehensive evidence-based assessment process with the Diagnostic and Statistical Manual of Mental Disorders (DSM) criteria providing guidance for the diagnostic process along with other authoritative resources for the lifespan including severe mental illness, and acute or at-risk presentations. Documented utilization of the mental status exam, bio-psycho-social history-taking, laboratory data assessment, genetic diagnostics, and screening tools are used to identify mental health problems during the clinical experience.

Credit Hours
Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

NGR6536 - Advanced Practice in Mental Health Nursing V: Practicum

General

Course Description
Prerequisite: NGR6534
Co-requisite: NGR6536
Description: This practicum course is designed to operationalize theoretical principles within the graduate's specialty area of advanced practice nursing. The role practicum focuses on the synthesis and integration of advanced concepts learned throughout the advanced practice educational experience. Content regarding professional role development, advanced practice roles and relationships, and regulatory requirements for advanced practice are included. Effective participation in interdisciplinary, partnership, and team relationships is an expected outcome. Professional advocacy, assertiveness and leadership in the psychiatric mental health nurse practitioner role are emphasized.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NGR6536L - Advanced Practice in Mental Health Nursing Clinical Experience V: Practicum

General

Course Description
Prerequisite: NGR6534
Description: This final clinical practicum course provides the psychiatric mental health nurse practitioner clinical experiences that serve as a foundation for mental health assessment and treatment of patients across the lifespan. Emphasis is on clinical experiences that assist in development of a holistic and culturally sensitive comprehensive evidence-based assessment process with the Diagnostic and Statistical Manual of Mental Disorders (DSM) criteria providing guidance for the diagnostic process along with other authoritative resources. Documented utilization of the mental status exam, bio-psycho-social history-taking, laboratory data assessment, genetic diagnostics, and screening tools are used to identify mental health problems during the clinical experience.

Credit Hours

Credit Hours:
6

Contact Hours

Contact Hours Min:
6

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
6

Lab Hours

Lab Hours Min:
6

Number Of Repeats:
0

NGR6538 - Psychopharmacology

General

Course Description
Description: This course will focus on current evidence-based pharmacological treatments for psychiatric diagnoses across the lifespan. Current molecular, developmental and environmental perspectives are examined, including inherited and acquired vulnerabilities to mental illness. An in-depth review of neurological anatomy and receptors is presented. Emphasis is placed on the responsibilities of the PMHNP in the psychopharmacologic treatment of all mental health diagnoses that focuses on optimal outcomes.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6602C - Health Promotion of Children, Men and Women in Primary Care

General

Course Description
Prerequisite: NGR 5601C
Description: This advanced practice nursing course focuses on preventative care, health promotion, and health maintenance activities for culturally diverse men, women, and children. Emphasis is on knowledge and skills essential for implementation of therapeutic plans. The clinical practicum enables the student to apply acquired knowledge and advanced practice nursing skills in a variety of outpatient and community settings.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
6

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Lab Hours

Lab Hours Min:
3

Lab Hours Max:
6

Lab Hours Operator:
TO

Number Of Repeats:
0

NGR6603C - Diagnosis and Management of Chronic Conditions of Adults and Children in Primary Care

General

Course Description
Prerequisite: NGR 6602C
Description: This advanced practice nursing course focuses on common chronic health conditions of culturally diverse persons across the life span. Emphasis is on pathophysiology, comprehensive assessment, diagnosis, therapeutic modalities, and evaluation of outcomes of care. The clinical practicum enables the student to apply acquired knowledge and advanced practice nursing skills in primary care settings.

Credit Hours

Credit Hours:
6

Contact Hours

Contact Hours Min:
6

Billing Hours (Students)

⚫ **- Billing Hours Min:**
6

Lecture Hours

Lecture Hours Min:
4

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

NGR6662 - Equitable Management of Diverse Populations

General

Course Description
This course will incorporate the concepts of public health to prepare nursing leaders to actively engage in problem-solving strategies to mitigate obstacles associated with management of health needs of diverse and underrepresented populations. Concepts of interprofessional collaboration for healthcare delivery will be introduced.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR6673 - Principles of Epidemiology for Advanced Practice

General
Course Description
Description: This course will examine the frequency, distribution and determinants of health-related states in varying populations. The course will cover the historical origins of epidemiology, core epidemiological concepts, statistical interpretation and study design. The course is geared to the beginning practitioner in the field and will examine a wide range of epidemiological topics. The course will be taught from an epidemiological perspective incorporating the use of the scientific literature with the objective of augmenting student knowledge in epidemiology and study design.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR6702C - Quality and Safety in Healthcare: An Interdisciplinary Perspective

General
Course Description
This course will examine current issues related to quality, safety, and outcomes in healthcare through an interdisciplinary lens. The quality improvement process will be explored through evidence-based practice solutions. In this course the student will complete clinical hours with a preceptor of their choice to identify an area of current practice in which quality improvement is warranted.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

NGR6710 - Teaching Nursing: Implementing an Innovative Learning Environment

General
Course Description
Description: The focus of this course is the development of knowledge and skills for innovative and evidence-based teaching-learning in nursing. This course provides an opportunity for the learner to explore selected educational theories and philosophies pertinent to nursing, and to investigate role development in a variety of settings. Planning, organizing, presenting, and evaluating learning experiences for the adult learner are emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR6712 - Curriculum and Instruction

General

Course Description
This course will focus on curriculum development and student instruction. Topics will focus on curriculum design, forces influencing curriculum, such as mission, vision, goals, and threads of influence in the organization. In addition, the course will discuss teaching strategies, such as theoretical concepts, simulation, online learning, role play, and in service education. The content will encompass different learner needs, such as generational differences, learning disabilities and types of learning styles. The student will develop a teaching plan, course outline, and assessment strategies. This course will address teaching strategies and plan development for both academic, community, and clinical settings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

NGR6718 - Evaluation Techniques

General

Course Description
Description: This course will focus on evaluation of course curriculum, course outcomes and overall program evaluation. Topics will include testing assessment, clinical performance evaluation, educational program evaluation and accreditation standards. The student will develop strategies for assessing and evaluating learner outcomes. The student will develop test questions in a variety of formats, evaluation tools and outcome surveys. Students will discuss a variety of assessment strategies, as well as alternative assessment methods related to learner accommodations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

NGR6721C - Human Resource Management and Development

General

Course Description
This course will assist students in effectively managing and developing the human component of leadership. Methods to mitigate work-life balance, staff development, retention, conflict resolution and management will be explored from a holistic perspective. The student will also explore strategies for disaster management and emergency preparedness in the post-pandemic workforce. During this course students will work with a preceptor of their choice to identify a current workplace issue related to human resource management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

NGR6726 - Quality Management for Advanced Nursing Practice

General

Course Description
Prerequisites: Admission to DNP or MSN Program or Permission of Instructor
The process of quality management in health care as it pertains to chief nurse administrators is analyzed in this course. The focus is continuous quality improvement with emphasis on implementation and evaluation. Differences between quality assurance and quality management will be discussed. Accreditation guidelines will be examined in relation to their impact on health care systems. Evidence-based practices will be reviewed as means for continuous quality management experience.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NGR6729 - Capstone in Nursing Leadership and Administration

General
Course Description
Description: This capstone course in the nursing leadership and administration program will provide the student the opportunity to work collaboratively within an organization where the student will identify a nursing problem or need for improvement in current practices. The student will be prompted to develop and implement a quality improvement project or practice change or innovation based on evidence. The student will work closely with the mentor at the facility and the faculty mentor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

NGR6734C - Nursing Management and Leadership Project

General
Course Description
In this course, students will develop an evidence-based quality improvement (QI) project to implement in clinical practice. This QI-based project will be determined in collaboration with a clinical partner/preceptor following a site-specific, needs-based assessment.This course is a pre-requisite for NGR6735 Residency and Seminar in Nursing Management and Leadership.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

NGR6735C - Residency and Seminar in Nursing Management and Leadership

General
Course Description
Prerequisite: NGR6734C Description: The student will draw upon program curriculum to engage in an evidence-based quality improvement project with a preceptor of their choice. Ethical processes related to Human Subjects Research (HSR) and the Institutional Review Board (IRB) processes will be explored. Students will apply for project approval through the designated research/ethics body at their project site. Students will evaluate project outcomes and provide dissemination of findings through a professional presentation. Course pre-requisite is successful completion of NGR6734C Nursing Leadership and Management Project.

Credit Hours
Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Lecture Hours
Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
4

Number Of Repeats:
0

NGR6740 - Role Development in Advanced Practice Nursing

General

Course Description
Description: The course focuses on essential knowledge and skills needed in the transition to the advanced nursing practice role. Students are equipped with the skill set for successful matriculation through the DNP Program. The roles, role behaviors, and practice models specific to the development and maintenance of inter-professional practice are analyzed. Emphasis is on developing effective communication and collaborative skills and understanding the historical, social, political, legal, and economic issues related to advance practice roles.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6766 - Leadership Theory and Evidence-based Practice

General

Course Description
This course will provide students with the introduction to core leadership theories, theories for holistic leadership practice, and evidence-based practice models for practice change. Students will critically analyze emerging leadership theories and traditional models, focusing on leadership development and crafting their own unique leadership identity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6816 - Applied Nursing Research

General

Course Description
This course provides an entry-level introduction to core concepts related to evidence-based practice, quality improvement, and nursing research methods with a focus on the application of concepts to interpret significance relevant literature related to a clinical question of choice, literature search, and synthesis of available evidence to answer the question posed. In this course the student will complete clinical hours with a preceptor of their choice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

NGR6870C - Introduction to Health Informatics: Management and Decision-making

General

Course Description
This course provides an introductory overview of concepts related to data retrieval and management and how advancing technology influences healthcare decision-making. Students will complete clinical hours with a preceptor of their choice to address a unit/nursing/systems issue(s) related to health information technology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

NGR6875 - HIT Certificate Capstone

General

Course Description
Prerequisite: HSA 6114 and ISM 6021
Description: This course will serve as the capstone for the Graduate Interprofessional HIT Certificate Program and will provide a culminating project to include the following: identification of a relevant problem related to the theory or the practice of health informatics; conduct a literature review related to the identified problem and formulate a valid solution either in the form of a testable hypothesis or other form of scholarly activity; collect empirical data applicable to the problem; and complete a data-based study or other comparable scholarly activity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

NGR6892 - Public Policy Implications for Advanced Practice

General

Course Description
This course deals with the shifting paradigms of health care policy. The origins of policy created through legislative and administrative action will be considered. Strategies for policy creation, implementation, evaluation and change will be examined from the viewpoint of advanced practice nursing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6894 - Global Health Care and Culture

General

Course Description
In this course concepts associated with cultural diversity related to matters of health and illness and will be considered. Examples of variations both within and outside of the western viewpoint will be examined. This will be accomplished through conducting cultural assessments and demonstrating how the results of these assessments can be applied, in evidence based manner, to advanced practice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6896 - Value-informed Financing for Healthcare Services

General

Course Description
In this course students will be introduced to the concepts of value-based and value-informed health care. Financial management, budgeting, reimbursement, and productivity will be the focus of this course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR6908 - Directed Independent Study in Nursing

General

Course Description
Prerequisite: Permission of supervising faculty and Department Chair.This course allows the student to complete a specialized clinical or research project under the direction of program faculty.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours Min:**
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
11

NGR6942 - Capstone in Nursing Education

General

Course Description
Description: This capstone course in the Nursing Education program will provide the student the opportunity to apply concepts learned throughout the program through a precepted classroom and clinical settings. The student will be prompted to develop and implement an innovative education piece based on evidence. The student will work closely with the mentor at the facility and the faculty mentor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours Min:**
3

Other Hours

Other Hours Min:
3

NGR6970 - Nursing Project

General

Course Description
Prerequisites: NGR 5001C, NGR 5110, NGR 5141, NGR 5192, NGR 5810. Pre/corequisite: NGR 5601C. Under the direction of faculty, the student will carry out a detailed study of a topic in the field of advanced nursing practice. The student will develop, implement, and/or participate in a designated project. May be repeated for credit. This is a pass/fail course.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
4

NGR7154 - Advanced Bioscience

General

Course Description
Prerequisite: Admission to DNP program or permission of instructor
This course synthesizes concepts of anatomy, pathophysiology, genetics and therapeutics to present a more complete understanding of disease processes. Emphasis is on disorders of the cardiopulmonary, neuromuscular, respiratory and digestive systems and their application to clinical practice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR7179 - Advanced Pharmacological Management

General

Course Description
Prerequisites: Admission to DNP Program or Permission of Instructor
The focus of this course is on the clinical application of advanced pharmacology and pharmacotherapeutics across the lifespan. Emphasis is on identification and evaluation of the latest evidence as a basis for pharmacologic management of health and illness in a safe, high quality, cost-effective manner. The principles of altered pharmacodynamics relative to age, race, and ethnic groups are analyzed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR7767 - Practice Management in Advanced Nursing and Healthcare

General

Course Description
Prerequisites: Admission to DNP Program or Permission of Instructor
The focus of this course is on analysis of factors affecting the development and sustainability of practice settings. Emphasis is on evaluation of variety of business practice models while examining reimbursement, privileging, contracting and human resource management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR7768 - Advanced Practice Nursing Role Transition

General

Course Description
Prerequisites: NGR 6603C; Admission to the DNP Program or Permission of the Instructor
Description: In this course, theoretical basis of the current status of the advanced practice nurse will be identified. Examination of legal, ethical, cultural, social, political and economic problems related to practice will be addressed. Creative marketing strategies, practice protocols, and job descriptions will be identified.

Credit Hours

Credit Hours:
2

Credit Hours Max:
3

Credit Hours Operator:
OR

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
3

Contact Hours Operator:
OR

Billing Hours (Students)

● - Billing Hours
Min:
2

Billing Hours Max:
3

Billing Hours Operator:
OR

Lecture Hours

Lecture Hours Min:
2

Lecture Hours Max:
3

Lecture Hours Operator:
OR

Number Of Repeats:
0

NGR7843 - Statistical Interpretation for Advanced Practice

General

Course Description
Prerequisite: Previous statistics and graduate research courses
Description: This course includes information related to the use and interpretation of statistical methods commonly used in health care studies. The focus is on the advantages and disadvantages of statistical techniques for specific types of research questions. Emphasis is on inferential methods used to evaluate the strength of evidence claimed to support particular interventions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR7850 - Evidence Based Practice I

General

Course Description
Prerequisite: NGR 7843
Description: This course includes information related to implementing evidence-based practice strategies to improve quality of care within their practice setting. The focus is on formulation of clinical questions relevant to advanced practice and systematic search for the highest level of evidence. Emphasis is on critical appraisal, analysis, and synthesis of scientific evidence in response to clinical questions to improve patient outcomes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR7851 - Evidence Based Practice II

General

Course Description
Prerequisite: Admission to DNP Program or Permission Instructor, NGR 7850
Description: This course is a continuation of Evidence-based Practice I and includes information related to practice, practice patterns, and systems of care. The focus is on quality improvement methodologies to promote timely, effective, efficient, equitable, and client-centered care. Emphasis is on design and implementation of processes to evaluate outcomes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR7871 - Healthcare Informatics for Advanced Practice

General

Course Description
Prerequisites: Admission to DNP or MSN Program or Permission of Instructor
This course provides students with an overview of informatics and the theoretical foundation for information management within the health care setting. The impact of automated data management through advances in information technology, health care information systems, and tele-health are explored. During the course students explore informatics theory and practices as a foundation for the development of databases for evidence based practices. Related ethical, regulatory, and legal issues are explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NGR7946 - Residency in Advanced Nursing Practice

General

Course Description
Prerequisite: Admission to DNP program or permission of instructor
Description: This is a clinically based practicum course. Doctoral students will, with advisor approval, construct a learning contract that will detail the acquisition of a new or higher level of clinical skill for which they were not fully prepared at the masters level. Skills acquisition will be conducted under the direction of a qualified expert preceptor.
Repeatability: This course may be taken for a total of 12 credits

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
11

NGR7974 - Doctoral Project

General

Course Description
Prerequisite: Admission to the DNP program or permission of the instructor.
In this course the doctoral student will identify, with advisor approval, a problem or question that requires a change in health care or educational services, clinical practices and/or policies that might be addressed in a particular leadership role. This problem should have relevance to current and emerging health care or educational issues. The result of the project will be a scholarly work, written at a doctoral level of complexity, dealing with the results of the evidence based analysis of the service, practice or policy examined. The analysis will be framed against national benchmarks to determine variances in practice outcomes and population trends. Focus is on dissemination of evaluative outcomes and implications for clinical practice to improve practice or patient outcomes.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
6

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours
Operator:
TO

Number Of Repeats:
5

NSP3196 - Core Concepts in End of Life Nursing Care

General

Course Description
Description: This nursing elective is designed in connection with the End of Life Nursing Education Consortium (ELNEC) and was developed to train students on fundamental palliative care skills. This course provides students with the knowledge and skills required to offer this specialized care while positively impacting the lives of patients and families facing serious illness and of the end of life.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

NUR1010 - Introduction to Nursing

General

Course Description
This course includes the information required to understand the multi-faceted nature of the nursing profession. The focus is on the various roles and requirements of the contemporary registered nurse, with emphasis placed on historical development of the profession, job functions, working conditions, professional development, and specialty opportunities. Students are encouraged to use professional, personal, and community resources to develop their understanding of and interest in professional nursing practice. During this course, the student demonstrates achievement of program objectives while working in partnership with faculty and peers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NUR2930 - Special Topics in Nursing

General

Course Description
Electives on various issues related to nursing. Topics will vary and may include: AIDS: A Health Care Perspective, Introduction to Professional Nursing, etc. May be repeated up to 15 credits with different course content.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours
Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours
Operator:
TO

Number Of Repeats:
3

NUR3028 - Foundations of Nursing Practice

General

Course Description
This course provides the foundations of nursing practice, establishing essential concepts such as safe and effective caregiving, health promotion and maintenance, and psychosocial and physiological integrity. This course introduces clinical judgment as a framework to build clinical reasoning and judgment when caring for diverse patient populations. Students learn to provide evidence-based, compassionate, and culturally sensitive care.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NUR3028L - Foundations of Nursing Practice Lab

General

Course Description
This laboratory course is designed to provide undergraduate nursing students with hands-on experience in the foundational skills essential for safe and effective nursing practice. The lab complements theoretical learning by offering practical training in a controlled, supportive environment, allowing students to develop proficiency in basic nursing procedures and techniques. Students will engage in a variety of laboratory experiences that cover essential skills such as hygiene and personal care, mobility assistance, wound care, medication administration, and infection control. Emphasis is placed on developing strong clinical reasoning, effective communication, and ethical decision-making skills. Through guided practice, students will learn to use standard medical equipment, document patient care accurately, and adhere to best practices in patient safety and infection prevention.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

NUR3065 - Health Assessment, Wellness, and Health Promotion Across the Lifespan

General

Course Description
This course provides comprehensive instruction in health assessment across the lifespan, emphasizing collaborative partnerships with individuals. There is a focus on wellness and health promotion and the differentiation between anticipated and unexpected findings for patients and populations. Students will develop the requisite knowledge and skills for analyzing health assessment data effectively.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NUR3065L - Health Assessment, Wellness, and Health Promotion Across the Lifespan Lab

General

Course Description
This course offers students hands-on experience in conducting comprehensive health assessments. Through practical exercises, students develop skills in gathering essential health information, performing physical assessments, and analyzing data. Emphasis is on culturally sensitive interviewing, developing physical assessment skills, providing appropriate patient teaching, and performing appropriate documentation.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

NUR3082 - Perspectives in Chronicity

General
Course Description
Prerequisite: NUR 3065L, NUR 3166, NUR 3619
Description: This course includes information on the concept of chronicity from the lived perspective of individuals and families experiencing a chronic condition. Emphasis is on factors that affect the optimal health and well-being of vulnerable populations, individuals and families. Special emphasis on evidence-based models of care and implications for collaborative nursing practice will also be included.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

NUR3082L - Perspectives in Chronicity: Nursing Practice

General
Course Description
Prerequisite: NUR 3065L, NUR 3166, NUR 3619, and NUR 3825
Co-requisite: NUR 3167, NUR 4826, NUR 4827, and NUR 3082
Description: The learner will participate in clinical activities in the practice of chronic care and health promotion focusing on vulnerable individuals and families in the community.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

NUR3090L - Integrated Simulation Lab I

General
Course Description
This course offers nursing students a dynamic learning experience through integrated simulation and skills labs, aimed at developing essential clinical competencies and critical thinking skills required for nursing practice. Through hands-on, experiential learning, students will engage in simulated patient care scenarios and practical skills training to grow clinical competency and decision-making skills in the areas of Health Assessment, Foundations, Professional Nursing Practice, and Population Health.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

NUR3091L - Integrated Simulation Lab II

General

Course Description
Prerequisites: NUR3065, NUR3065L, NUR3028, NUR3028L, NUR3755, NUR3816, NUR3684 AND NUR3090LDescription: This course offers nursing students a dynamic learning experience through integrated simulation and skills labs, aimed at developing essential clinical competencies and critical thinking skills required for nursing practice. Through hands-on, experiential learning, students will engage in simulated patient care scenarios and practical skills training to grow clinical competency and decision-making skills in the areas of Adult Health, Care of Vulnerable Populations, Pathopharmacology, Psychiatric Mental Health Nursing, and Evidence-Based Practice.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

NUR3096L - Integrated Simulation Lab III

General

Course Description
Prerequisites: NUR3215, NUR3215L NUR3531, NUR3531L, NUR3196, NUR3167, NUR3678, AND NUR3091LDescription: This course offers nursing students a dynamic learning experience through integrated simulation and skills labs, aimed at developing essential clinical competencies and critical thinking skills required for nursing practice. Through hands-on, experiential learning, students will engage in simulated patient care scenarios and practical skills training to grow clinical competency and decision-making skills in the areas of Adult Health, Pathopharmacology, Pediatrics, and Women's Health.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

NUR3118L - Foundations of Nursing Practice Clinical

General

Course Description
This clinical course provides undergraduate nursing students with practical, hands-on experience in delivering foundational nursing care. Building on theoretical knowledge and skills learned in classroom and lab settings, this clinical experience focuses on applying basic nursing principles in real-world healthcare environments. Students will work under the supervision of experienced clinical instructors, gaining exposure to a variety of patient care situations across different settings. Key learning areas include patient assessment, vital signs monitoring, basic hygiene and personal care, mobility assistance, wound care, and medication administration. Students will also practice infection control measures and effective communication with patients, families, and healthcare team members. Emphasis is placed on developing critical thinking and clinical decision-making skills, as well as understanding the ethical and cultural considerations in patient care.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

NUR3128 - Phamacology Concepts for Nursing Practice

General

Course Description
Co-requisite: NUR 3028L, NUR 3065L, NUR 3536
Description: This course includes information about pharmacotherapeutic agents used in the treatment of illness and the promotion, maintenance and restoration of wellness in individuals across the lifespan. The focus is on principles of pharmacokinetics, pharmacodynamics and pharmacogenetics. Emphasis is on concepts of safe medication administration and monitoring the effects of pharmacotherapeutic agents.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

NUR3166 - Introduction to Nursing Science

General
Course Description
Prerequisite: NUR 3028L
Description: This course includes information related to research and evidence-based practice processes. The focus is on a brief the history of nursing science, sources of clinical nursing problems, and components of primary research reports. Emphasis is on skill development in searching and sorting evidence for rapid critical appraisal toward integrating research evidence into best practices.

Credit Hours
Credit Hours:
2

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
2

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
2

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
0

NUR3167 - Introduction to Research and Evidence-based Practice

General
Course Description
Pre-requisites: NUR3065, NUR3065L, NUR3028, NUR3028L NUR3755, NUR3816, NUR3684 AND NUR3090LDescription: This course teaches the fundamentals of nursing research, evidence-based practice, theory, and translational science to support professional nursing practice. Students will explore the relationship between research and evidence-based practice in advancing nursing knowledge and improving patient outcomes. There is an emphasis on developing essential skills in formulating clinical nursing research questions, applying scholarly searching skills, and evaluating evidence quality to answer clinical questions.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

NUR3172 - Foundations of Therapeutic Touch

General
Course Description
Description: This course introduces the learner to the essential knowledge and skills regarding the theory and evidence-based practice of TT. Therapeutic Touch students learn to connect with healing partners at an energetic level, establish a helping relationship, and attain consent from the healing partner to participate in TT. Learners examine how essential elements of the TT practice assist individuals who are experiencing a variety of health challenges. Teaching approaches include lecture, videos, demonstration of TT by the instructor, and return demonstration by the student, journaling, documentation of results utilizing TT specialty notes, and dialogue with instructor and students.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)

● - Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

NUR3196 - Pathopharmacology I

General

Course Description
Prerequisites: NUR3065, NUR3065L, NUR3028, NUR3028L, NUR3755, NUR3816, NUR3684 AND NUR3090LDescription: Pathopharmacology I offers a comprehensive introduction to the core principles and fundamental concepts of pathophysiology and pharmacology. This course serves as a cornerstone for understanding the interplay between disease processes and medication interventions. Students will explore the basic principles of pharmacology, including drug classifications, mechanisms of action, and pharmacokinetics. Additionally, they will delve into the underlying mechanisms of disease states and their manifestations in human physiology. Through case studies and practical examples, students will develop a solid understanding of how medications interact with the human body in various disease contexts, laying a strong foundation for further study and application in healthcare practice.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NUR3198 - Pathopharmacology II

General

Course Description
Prerequisites: NUR3215, NUR3215L NUR3531, NUR3531L, NUR3196, NUR3167, NUR3678, AND NUR3091LDescription: Pathopharmacology II builds upon the foundational knowledge acquired in Pathopharmacology I, offering an in-depth exploration of advanced concepts and principles in pathophysiology and pharmacology. This course delves deeper into the intricate mechanisms underlying diseases and their pharmacological treatments. Students will examine complex disease processes, including multi-system disorders, and explore the pharmacological interventions used to manage them. Students will develop a nuanced understanding of the dynamic interactions between drugs and the human body in health and disease, enabling them to evaluate pharmacotherapeutic approaches and contribute to evidence-based practice in healthcare.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NUR3215 - Adult Health I Concepts

General

Course Description
Prerequisites: NUR3065 NUR3065L NUR3028 NUR3028L NUR3755, NUR3816, NUR3684 AND NUR3090LDescription:This course builds on concepts introduced in Foundations, providing students with a comprehensive understanding of nursing care for adult populations. Using clinical judgment as a framework, this course integrates essential nursing concepts such as safe and effective care, health promotion and maintenance, psychosocial integrity, and physiological integrity into the delivery of care to patients experiencing acute and chronic health conditions. Through a holistic, interprofessional approach, students learn to provide evidence-based, compassionate, and culturally sensitive care to diverse adult populations while fostering their own personal and professional growth.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● - Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

NUR3215L - Adult Health I Clinical

General

Course Description
Prerequisites: NUR3065, NUR3065L, NUR3028, NUR3028L, NUR3755, NUR3816, NUR3684 AND NUR3090LDescription: The Adult Health I Clinical course provides students with foundational hands-on experience in caring for adults with a range of common health conditions, guided by the AACN's BSN Essentials. Students will learn and apply essential nursing skills, utilizing evidence-based practices and engaging in interprofessional teamwork to deliver safe and effective care. The course emphasizes the creation of care plans that focus on health promotion, disease prevention, and risk reduction, while introducing students to healthcare technologies that enhance patient outcomes. Throughout the course, students will also develop an understanding of culturally competent, ethical nursing practice, establishing a strong base for managing adult health in diverse clinical settings and preparing them for more advanced clinical experiences.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● - Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
0

NUR3219C - Chronic and Rehabilitative Nursing Concepts and Practice

General

Course Description
Prerequisite: NUR 3028L
Description: This course includes information required for the care of adults with chronic diseases and conditions. The focus is on the use of the nursing process in collaborative partnership with adults who are experiencing physical illness or disease, in the inpatient and outpatient setting. Emphasis is on professional nursing roles and responsibilities in designing, managing, and evaluating culturally sensitive care for adults in order to maintain, restore, and optimize their level of functioning. The course will focus on rehabilitative and chronic care conditions.

Credit Hours

Credit Hours:
4

Credit Hours Max:
5

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
4

Contact Hours Max:
5

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
4

Billing Hours Max:
5

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Lab Hours Max:
2

Lab Hours Operator:
TO

Number Of Repeats:
0

NUR3226 - Adult Health II Concepts

General

Course Description
Prerequisites: NUR3215, NUR3215L NUR3531, NUR3531L, NUR3196, NUR3167, NUR3678, AND NUR3091LDescription: This course builds on concepts introduced in Foundations and Adult Health I, providing students with a comprehensive understanding of nursing care for adult populations. Using clinical judgment as a framework, this course solidifies nursing concepts such as safe and effective care, health promotion and maintenance, psychosocial integrity, and physiological integrity into the delivery of patient care. Through a holistic, interprofessional approach, students provide evidence-based, compassionate, and culturally sensitive care to diverse adult populations while being introduced to specialized care of patients with acute and chronic health conditions.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● - Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

NUR3226L - Adult Health II Clinical

General

Course Description
Prerequisites: NUR3215, NUR3215L NUR3531, NUR3531L, NUR3196, NUR3167, NUR3678, AND NUR3091LDescription: The Adult Health II Clinical course immerses students in the advanced care of adults with complex health conditions, emphasizing the integration of the AACN's BSN Essentials. Students will apply evidence-based practices, engage in interprofessional collaboration, and leverage healthcare technologies to deliver patient-centered care. The course focuses on the development and implementation of comprehensive care plans that prioritize health promotion, disease prevention, and risk reduction. Additionally, students will demonstrate leadership in enhancing patient safety and quality care, while practicing culturally competent and ethically sound nursing. This hands-on clinical experience prepares students to manage the complexities of adult healthcare in diverse and dynamic clinical settings.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

- Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
0

NUR3255C - Medical-Surgical Nursing Concepts and Practice

General

Course Description
Prerequisite: NUR 3166, NUR 3531C, NUR 3219C, and NUR 3825
Co-requisite: NUR 4168, NUR 4491C, and NUR 4826
Description: This course includes information required for the care of adults with complex clinical conditions. The focus is on the use of the nursing process in collaborative partnership with adults who are hospitalized with acute care physical illness or disease. Emphasis is on professional nursing roles and responsibilities in designing, managing, and evaluating culturally sensitive care for complex adults in order to maintain, restore, and optimize their level of functioning.

Credit Hours

Credit Hours:
5

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
5

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
5

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
2

Lab Hours Max:
3

Lab Hours Operator:
TO

Number Of Repeats:
0

NUR3531 - Psychiatric/Mental Health Nursing Concepts

General

Course Description
Prerequisites: NUR3065, NUR3065L, NUR3028, NUR3028L, NUR3755, NUR3816, NUR3684 AND NUR3090LDescription: This course offers an in-depth exploration of psych-mental health nursing, emphasizing the theoretical foundations and practical skills essential for promoting optimal mental health and well-being in individuals, families, and communities. The focus is on the use of the clinical judgment as a framework to address the complex needs of patients, families, and populations dealing with mental health challenges, while advocating for mental health awareness and stigma reduction in their communities. Students will engage with key concepts such as psychopathology, therapeutic communication, psychopharmacology, and evidence-based interventions. Special focus is given to understanding the ethical and cultural considerations in mental health care, and the importance of interprofessional collaboration in promoting holistic and patient-centered care.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

- Billing Hours
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

NUR3531C - Psych Mental Health Nursing Concepts and Practice

General
Course Description
Prerequisites: NUR 3028L
Description: This course includes information on factors that affect the optimal health and well being of vulnerable individuals, families, and communities. The focus is on the use of the nursing process in collaborative partnerships with individuals with physical or mental illness, disease, or disability. Emphasis is on professional nursing roles and responsibilities in designing and managing care. The learner will participate in clinical activities as a provider of direct and indirect culturally sensitive, evidence-based nursing care.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

NUR3531L - Psychiatric/Mental Health Nursing Clinical

General
Course Description
Prerequisites: NUR3065, NUR3065L, NUR3028, NUR3028L, NUR3755, NUR3816, NUR3684 AND NUR3090LDescription: This clinical course offers undergraduate nursing students hands-on experience in psych-mental health nursing, emphasizing the comprehensive care of individuals experiencing mental health disorders. The course focuses on the application of therapeutic communication skills, and psychosocial assessment techniques. Students will learn to develop therapeutic relationships and conduct mental status examinations while participating in care planning and implementation. Through this clinical experience, students will enhance their ability to provide compassionate, competent, and culturally sensitive care to individuals with mental health needs, while collaborating effectively with interdisciplinary teams.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
● **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

Number Of Repeats:
0

NUR3619 - Family/Community Assessment

General
Course Description
Co-requisite: NUR 3065L, NUR 3028L, and NUR 3128
Description: This course includes information required for the assessment of health indicators in culturally diverse, healthy families and communities and the identification of community resources and assets. The focus is on recognition of multiple influences on families and populations as they adapt to everyday life---events. The nursing process is used to examine the relationship between these influences and family and community functioning. The emphasis is on the role of the professional nurse in engaging families and communities in health promotion, risk reduction and disease prevention.

Credit Hours
Credit Hours:
3

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
0

NUR3678 - Nursing Care of Vulnerable Populations

General

Course Description
Prerequisites: NUR3065, NUR3065L, NUR3028, NUR3028L, NUR3755, NUR3816, NUR3684 AND NUR3090LDescription: This course examines the application of nursing theory and practice to address the multifaceted needs of vulnerable populations across the lifespan. It explores the impact of socioeconomic factors, environment, support systems, healthcare policies, and community resources on health outcomes on vulnerable groups. Students will analyze how these factors influence the autonomy and quality of life for vulnerable individuals, families, and communities. Additionally, the course equips students with skills to assess health disparities, provide culturally competent care, and advocate for these populations.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● **- Billing Hours Min:**
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NUR3684 - Introduction to Population Health

General

Course Description
This course equips undergraduate nursing students with a foundational understanding of the factors influencing health across entire populations. National health priorities, determinants of health, and social justice issues impacting population health outcomes are explored. Students will develop critical skills in data analysis, intervention design, advocacy for health equity, and navigating ethical considerations in population health research and practice.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● **- Billing Hours Min:**
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NUR3691 - Forensic Nursing Principles and Practice

General

Course Description
Prerequisites: NUR3065L and NUR3219C
Co-requisites: NUR4351C and NUR3166
Description: Health care professionals are often the first point of contact for victims of abuse and neglect. This course is an introduction to the forensic health sciences, forensic nursing and nursing roles and responsibilities in investigations by applying the nursing processes. Maltreatments identified include abuse, neglect and sexual assault. Best practices for evidence collection and preservation as well as accurate documentation are explored. Legal standards and practices including courtroom testimony are also reviewed.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
2

NUR3805 - Socialization to Professional Nursing

General

Course Description
Description: This course includes information on the profession of nursing and introduces the student to the heritage of nursing. The focus is on the contemporary image of the nursing profession in its varied roles within the health care system. The philosophical and theoretical bases of nursing as a profession are explored. The emphasis is on nursing as a vital component of health care and on initial socializing of students into the professional role.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NUR3816 - Professional Nursing Concepts

General

Course Description
Prerequisites: NUR 3028L
Description: This course includes information on the historical and contemporary social forces that influence the profession of nursing. The focus is on understanding the healthcare system and the varied roles of nursing within that system. The philosophical, theoretical, legal, and ethical bases of professional nursing practice are examined. Principles of leadership and management are explored. Emphasis is on development and application of collaborative and interpersonal skills for working with interprofessional teams.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NUR3825 - Concepts of Professional Nursing

General

Course Description
Prerequisites: NUR 3028L
Description: This course includes information on the historical and contemporary social forces that influence the profession of nursing. The focus is on understanding the healthcare system and the varied roles of nursing within that system. The philosophical and theoretical bases of nursing as a profession are explored. The emphasis is on facilitating internalization of the core values of nursing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NUR4077 - Human Communication in Palliative Nursing

General

Course Description
Description: This course includes information required for nurses to provide effective, therapeutic and culturally competent care through human communication. Emphasis is on physical,spiritual, social and end of life aspects of human communication. Students explore the impact of their values on patient care, learn assertive communication and conflict resolution techniques, develop skills in building nurse-client and interdisciplinary relationships, and examine communication issues in health education and aspects of ethical and legal issues.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

NUR4093 - Perioperative Nursing Core Course

General
Course Description
Prerequisites: NUR 3229 and NUR 3219C
Description: This course is focused on providing education to Registered Nurses who are either new graduates, have been previously employed in non-OR nursing positions or nursing students who have finished their second semester of nursing school. This program will provide all students with basic knowledge and clinical skills necessary to function independently in an entry level perioperative nursing position.The course consists class, lab skill practice and observational experiences in an operating room. Clinical experiences (which will be developed on an individual basis) are designed to familiarize the student with the various surgical specialties and to develop the relevant clinical skills to apply the nursing process to the care of a patient undergoing elective or emergency surgical intervention.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

NUR4168 - Research Translation

General
Course Description
Prerequisites: NUR 3166
Description: This course includes information required to begin to bridge the research-practice gap. The focus is on components of and rapid critical appraisal of systematic reviews and guidelines for evidence-based practice. Emphasis is on the role of the baccalaureate nurse in evidence-based nursing practice.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

NUR4177 - Incorporating moral resilience into nursing practice

General
Course Description
Description: This course will address the topic of moral distress, compassion fatigue, incivility and moral resilience as it relates to nursing practice through a variety of teaching methods. In addition, students will learn moral resilience techniques and apply these techniques to nursing practice.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

NUR4256C - Complex Nursing Concepts and Practice

General

Course Description
Prerequisites: NUR 3255C
Description: This course includes information required for the care of adults with complex clinical conditions. The focus is on the use of the nursing process in collaborative partnership with adults who are hospitalized with acute care physical illness or disease. Emphasis is on professional nursing roles and responsibilities in designing, managing, and evaluating culturally sensitive care for complex adults in order to maintain, restore, and optimize their level of functioning. This course has 3 credits for lecture and 3 credits for lab

Credit Hours

Credit Hours:
5

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
5

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
5

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
2

Lab Hours Max:
3

Lab Hours Operator:
TO

Number Of Repeats:
0

NUR4351C - Pediatric Nursing Concepts and Practice

General

Course Description
Prerequisite: NUR 3255C
Description: This course includes information on factors that affect the optimal health and well being of children. The focus of this course is the use of the nursing process in collaborative partnership with children. Emphasis is on professional nursing roles and responsibilities in designing and managing culturally sensitive care for children in order to maintain, restore, and optimize their level of functioning. The learner will participate in clinical activities as a provider of culturally sensitive, evidence-based nursing care.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

NUR4491 - Maternity and Women's Health Nursing Concepts

General

Course Description
Prerequisites: NUR3215, NUR3215L NUR3531, NUR3531L, NUR3196, NUR3167, NUR3678, AND NUR3091LDescription: This course develops undergraduate nursing students' clinical judgment in evidence-based women's health nursing practice, providing detail related to comprehensive care of women across the lifespan. The course covers a wide range of women's health issues, including reproductive health, prenatal and postpartum care, gynecological conditions, and menopause management. Key topics include pregnancy and childbirth, family planning, breast health, sexually transmitted infections (STIs), and mental health considerations specific to women. Emphasis is placed on understanding the cultural, social, and ethical aspects of women's health and the importance of advocacy and health promotion. Students will be educated in designing and managing care for women, neonates, and families to maintain, restore, and optimize their functioning.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NUR4491C - Maternity and Women's Health Nursing Concepts and Practice

General

Course Description
Prerequisite: NUR 3219C
Description: This course includes information on factors that affect the optimal health and well being of women. The focus of this course is the use of the nursing process in collaborative partnership with women across the lifespan. Emphasis is on professional nursing roles and responsibilities in designing and managing culturally sensitive care for women in order to maintain, restore, and optimize their level of functioning. The learner will participate in clinical activities as a provider of culturally sensitive, evidence-based nursing care.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

NUR4491L - Maternity and Women’s Health Nursing Clinical

General

Course Description
Prerequisites: NUR3215, NUR3215L NUR3531, NUR3531L, NUR3196, NUR3167, NUR3678, AND NUR3091LDescription: This clinical nursing course provides students the opportunity to gain hands-on experience in various gynecologic and obstetric healthcare settings. Students will learn to perform assessments, provide patient education, and implement evidence-based nursing interventions tailored to women's unique healthcare needs. Students will develop skills in therapeutic communication, patient advocacy, and interdisciplinary collaboration, which are essential for providing holistic and patient-centered care. Students will gain the skills necessary to support women through various health transitions, promote wellness, and address the specific health concerns of women with sensitivity and competence.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

NUR4635 - Community Partnerships

General

Course Description
Prerequisite: NUR 3082, and NUR 3082L and NUR 3619
Description: This course includes information on the importance of partnerships in promoting community health. The focus is on collaborative planning, implementation, and evaluation of culturally sensitive, evidence-based health promotion and prevention interventions with individuals and populations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NUR4635L - Community Nursing Practice

General

Course Description
Prerequisite: NUR 3082, and NUR 3082L and NUR 3619
Description: Students use evidence and theories from a variety of disciplines in the provision of culturally sensitive care and the improvement of nursing practice in the community setting.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● - Billing Hours Min:
2

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

NUR4636C - Community Partnerships and Nursing Practice

General

Course Description
Prerequisite: NUR 4256C
Description: This course includes information on the importance of partnerships in promoting community health. The focus is on collaborative planning, implementation, and evaluation of culturally sensitive health promotion and prevention interventions with individuals and populations.

Credit Hours

Credit Hours:
4

Credit Hours Max:
5

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
4

Contact Hours Max:
5

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
4

Billing Hours Max:
5

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Lab Hours Max:
2

Lab Hours Operator:
TO

Number Of Repeats:
0

NUR4826 - Ethical-Legal Concepts in Nursing and Healthcare

General

Course Description
Prerequisites: NUR 3825
Description: This course includes information required for critically analyzing ethical and legal issues confronting nurses and other health care providers in a variety of health care settings. The focus is on identification and analysis of ethical and legal concepts and principles underlying nursing and health care, including values clarification, ethical theory, ethical decision-making models, and professional ethical standards. Emphasis is on ethical decision-making obligations of professional nurses

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● - Billing Hours Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NUR4827 - Leadership and Management Concepts in Nursing

General

Course Description
Prerequisites: NUR 4826
Description: This course includes information required to understand leadership and management concepts used to address issues within health care organizations.

The focus is on the interrelationship of various roles within an organization and analysis of leadership and management theories in the application of those roles. Emphasis is on development and application of collaborative and interpersonal skills for working with interprofessional teams.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

NUR4905 - Senior Problems

General

Course Description
Prerequisite: Senior standing and permission of instructor. Independent study on selected clinical problems. May be repeated for 9 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
2

NUR4906 - Professional Nursing Transition

General

Course Description
Prerequisite: NUR 3065L, NUR3805, NUR4635, NUR4635L, NUR4826, NUR4168 Description: During this course the student demonstrates achievement of program objectives while working in partnership with individuals, families, communities and other health care professionals. This course includes information required for transition from the baccalaureate student role to the role of a professional baccalaureate prepared nurse. The focus is on skills used by the nurse to excel as a clinician, professional leader, communicator, and as a citizen.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

NUR4906L - Professional Nursing Transition:Nursing Practice

General

Course Description
Prerequisite: NUR 3065L, NUR3805, NUR4635, NUR4635L, NUR4826, NUR4168 Description: During this course the student demonstrates achievement of program objectives while working in partnership with individuals, families, communities and other health care professionals. Students use evidence and theories from a variety of disciplines in the provision of culturally sensitive care and the improvement of nursing practice.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lab Hours

Lab Hours Min:
1

Lab Hours Max:
4

Lab Hours Operator:
TO

Number Of Repeats:
0

NUR4915 - Honors Research in Nursing

General

Course Description
Description: This is an independent study course designed for the Honors in the Major: Nursing student. The course may be taken for 1-3 credits starting in semesters 2 or 3. The students will be required to develop a research, evidence based or quality improvement project that reflects a nursing problem of interest.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

NUR4945C - Professional Nursing Integration

General

Course Description
Prerequisite: NUR 4256CDescription: During this course the student demonstrates achievement of program objectives while working in partnership with individuals, families, communities and other health care professionals. This course includes information required for transition from the baccalaureate student role to the role of a professional baccalaureate prepared nurse. The focus is on skills used by the nurse to excel as a clinician, professional leader, communicator and as a citizen. Students use evidence and theories from a variety of disciplines in the provision of culturally sensitive care and the improvement of nursing practice. In addition, the student demonstrates competence in a simulation experience, must achieve an established benchmark score on an NCLEX-RN readiness exam, and comprehension of nursing concepts through case study activities.

Credit Hours

Credit Hours:
3

Credit Hours Max:
7

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
7

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
3

Billing Hours Max:
7

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Lab Hours Max:
5

Lab Hours Operator:
TO

Number Of Repeats:
0

NUR4954 - Culture and Health in Thailand

General

Course Description
Description: The purpose of this course is to advance students' understanding of nursing and health care from a global perspective. An ecological perspective is used to explore multiple determinants of health in Thailand, emphasizing Thai culture as it relates to Traditional and Western style health practices. Students participate in a 12-day trip, including a course at the Chiang Mai University Faculty of Nursing where they learn about nursing education and faculty research in the community. Associated field experiences involve interacting with Thai faculty, students and community workers as they visit community hospitals and clinics, village centers and local homes.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

NUR4955 - Culture and Health in Austria

General
Course Description
Description: The purpose of this course is to advance students' understanding of nursing and health care from a global perspective. This international study course will provide students the opportunity to spend 9 to 10 days in Salzburg, Austria, visiting historical and cultural venues, attending presentations related to health care in Austria, exploring the roles of registered nurse and advance practice nurse within the Austrian health care system, and visiting selected health care settings.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

NUR4956 - Culture and Health in England

General
Course Description
Description: The purpose of this short-term study abroad course is to increase students' knowledge and understanding of global health issues. This international study course will afford students the opportunity to interact with British nurses in the clinical setting as well as nurse educators in academic settings. This 9 to 10-day trip will allow students to examine cultural differences and embrace the opportunity of global similarities.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

NUR4957 - Nursing Study Abroad

General
Course Description
This study abroad course will offer a rich and multifaceted experience that combines healthcare education with cultural immersion. This experiential learning opportunity aims to increase undergraduate students' knowledge and understanding of historical aspects of medicine and nursing as well as broaden students' perspectives on global health issues and healthcare. Topics and regions will vary based on abroad experience. Students should refer to the International Center website or the department for further information.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
5

NUR49491 - Maternity and Women's Health Nursing Concepts

General

Course Description
Prerequisites: NUR3215, NUR3215L NUR3531, NUR3531L, NUR3196, NUR3167, NUR3678, AND NUR3091LDescription: This course develops undergraduate nursing students' clinical judgment in evidence-based women's health nursing practice, providing detail related to comprehensive care of women across the lifespan. The course covers a wide range of women's health issues, including reproductive health, prenatal and postpartum care, gynecological conditions, and menopause management. Key topics include pregnancy and childbirth, family planning, breast health, sexually transmitted infections (STIs), and mental health considerations specific to women. Emphasis is placed on understanding the cultural, social, and ethical aspects of women's health and the importance of advocacy and health promotion. Students will be educated in designing and managing care for women, neonates, and families to maintain, restore, and optimize their functioning.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

● - Billing Hours
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

OCB3108L - Field Studies in Marine Science

General

Course Description
Prerequisite: BSC 1010C, BSC 1011C, CHM 2045, and CHM 2045L
Description: This is a 5-week, field intensive course designed to expand student knowledge of the biodiversity, geochemistry, and human impact of Florida's coastal and offshore ecosystems through a round-robin trip around Florida to explore marine eco-systems. This course will take students from the reefs of the Florida Keys to the open Gulf of Mexico aboard state-of-the-art research vessels, as well as the shallow tropical estuaries of the western Everglades and the temperate Estuarine and Coastal environments of Northeast Florida. Field and laboratory work will allow students to utilize current marine research methods while learning about marine environments and their organisms. Some field activities will be physically strenuous.

Credit Hours

Credit Hours:
3

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
3

Billing Hours Max:
4

Billing Hours Operator:
TO

Lab Hours

Lab Hours Min:
3

Lab Hours Max:
4

Lab Hours Operator:
TO

Number Of Repeats:
0

OCE3008 - Oceanography

General

Course Description
Prerequisite: BSC 2012C
This course will provide an introduction to the geological, physical, chemical, and biological aspects of the ocean. The role of the ocean in the global system will also be addressed. Current topics such as sea level rise and coastal erosion impacts on marine environments surrounding Florida will be discussed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD4003 - Public Administration

General
Course Description
Prerequisite: POS 2041 or consent of instructor. Exploration of the creation, growth and operation of public bureaucracies and their impact on the politics of modern industrial states.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD4144 - Nonprofit Management

General
Course Description
Description: This course will cover a broad scope of topics pertaining to the management and leadership of nonprofit organizations in the United States. This is a survey course and as such, each week students will be introduced to a new topic. Topics include, but are not limited to, resource management, leadership, and current issues confronting nonprofits. The goal is to better prepare students for the broad array of issues facing nonprofit administrators.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

PAD5605 - Administrative Law

General
Course Description
This course examines the origins and meanings of administrative law, the modern constitutional and statutory authority of government agencies, theories of informality and formality in administrative law and the role played by information, administrative hearings and rulemaking procedures, the enforcement of administrative policy, and the role of the courts through judicial review.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD5700 - Public Administration Research Methods

General

Course Description
Examines research methods used by public administrators in the public sector work environment. Emphasis on basic research methods and quantitative techniques with special emphasis on public administrative problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6060 - Public Administration in Modern Society

General

Course Description
Survey of study and practice of public administration emphasizing administrative theory, bureaucratic processes and politics, public versus private management and administrative responsibility.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6066 - Capstone Seminar

General

Course Description
Prerequisite: PAD 6060, PAD 5700, and completion of all but 12 credits in the MPA program
Description: This class provides a summary and integration of the MPA program, and of the knowledge, skills and values appropriate to a professional career in public administration.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6106 - Administrative Behavior in Public Organizations

General

Course Description
The examination of administrative theory and practice, with a special emphasis on the unique attributes of public bureaucracies. Topics include organizational structure and behavior, accountability, leadership, responsiveness, and administrative ethics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6142 - Management of Nonprofit Organizations

General

Course Description
Description: This is the gateway course in the MPA nonprofit concentration and the graduate certificate of nonprofit management. Topics include the history, scope and significance of the nonprofit sector; theories of nonprofit provision; nonprofit management and leadership; strategic planning; and the future of the sector.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6161 - Grants in the Public Sector

General

Course Description
This will be an elective course in the Master of Public Administration program. Public and nonprofit organizations are both grantors and recipients of grant dollars. This course exposes students to public sector grants, as well as grants offered by nonprofits, businesses, and private foundations. Students will learn where to find different types of grants, identify eligibility, conduct research for the required information, and structure a grant proposal.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6164 - Nonprofit Stakeholder Relations

General

Course Description
Description: Identification of, and relations with, major stakeholders of nonprofit organizations. Major topics include: human resources; volunteer management; board of directors; performance measurement; accountability and legitimacy; and administrative communication.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6173 - Global Civil Society

General

Course Description
Description: There are no prerequisites for this course. There has been a substantial upsurge of privately organized, voluntary actions around the globe in recent times. This upsurge was due to an overall dissatisfaction with the operations of both the market and the state. A broad range of institutions that occupy the social space between the market and the state tackle most of our social, political and economic concerns these days. Known as “civil society”, “nonprofit sector” or the “third sector”, institutions within this sector combine private structures with public purposes to serve citizens. Due to their flexibility and potential to tap in extensive private support for public purposes they have become a powerful force that perform a number of critical functions, often in partnership with the state and the market. This course therefore explores the scope, structure, financing and the role of civil society globally and seeks evaluate its impact on global politics and policy making processes.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD6207 - Economics and Municipal Finance

General
Course Description
The purpose of this course is to examine urban fiscal management policies in the post industrial city. Specific emphasis will be given to public management tools utilized by cities facing potential fiscal stress.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD6208 - Nonprofit Financial Management

General
Course Description
Description: This course is an introduction to financial management techniques for nonprofit organizations. Major topics include sustainability, fiscal management and budgets; fund raising; fee for service; legal requirements; grant and contract management; and private ventures.

Credit Hours
Credit Hours:
3

PAD6227 - Government Budgeting and Finance

General
Course Description
Exploration of the influence of interest groups on budget decisions, with special attention to the formation of the executive budget, congressional budgeting, and various political reactions to fiscal insufficiency.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD6239 - e-Governance

General
Course Description
Description: This course focuses on the intellectual concept of governance and its connection to transparency and accountability. Students will explore key policies in support of transparency as well as critically evaluate e-governance practices to identify some of the limitations and dangers involved with the rapidly changing role of information and information technology in today's society. Topics include current issues in e-governance, e-governance management and theories, and improving government accountability through technology. Permission of the department is required.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD6335 - Strategic Planning for Public and Nonprofit Organizations

General
Course Description
This course will consider any in-depth study of two forms of organizational planning in common use by nonprofit organizations: strategic planning and project planning. For strategic planning, several common approaches will be considered and students will be required to produce a strategic plan for an organization. Students will investigate various tools used in project planning that are appropriate for task management.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD6417 - Human Resources for Public and Nonprofit Management

General
Course Description
This course examines the processes and procedures of modern human resource management in public and nonprofit organizations. The course emphasizes the important role of public interest values as it examines various models of human resource management. Appropriate strategies for effective organizational use and development of human resources are presented.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD6436 - Ethics, Leadership and Accountability in Public Service

General
Course Description
Description: This course studies the centrality of, and interaction between ethics, leadership and accountability in public and nonprofit organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PAD6706 - Research Design for Public Administrators

General

Course Description
Prerequisite: PAD 5700
This course provides an introduction to the types of research designs commonly used in public administration research and practice in the preparation of a formal research prospectus. It is a prerequisite for the Capstone Seminar course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6807 - Urban Administration

General

Course Description
Problems and principles of municipal administration, including taxes, budgeting, planning, personnel, and the provisions of services; for example, police, fire, health, recreation, water and sewers, welfare, and education.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6836 - Comparative Public Administration

General

Course Description
Description: A comparison of the systems and processes of governance in a diverse range of countries. Through this students will gain a better understanding of the global context of public administration, of the influence of this on state and local government in the United States, and develop the basic tools for learning from other experience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PAD6900 - Directed Independent Study

General

Course Description
Prerequisite: Consent of MPA program coordinator. Specialized study of an issue or topic in public administration, directed by a faculty member specializing in that topic. May be repeated for up to 9 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
2

PAD6934 - Special Topics in Public Administration

General

Course Description
Exploration of topics of enduring or emerging significance in public administration. May be repeated for up to 9 credits under different topics.

Credit Hours

Credit Hours:
2

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours Min:
2

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
2

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
2

PAD6946 - Internship in Public Administration

General

Course Description
Supervised field work in public administration. Diary and/or research project and seminar attendance required. May be repeated up to 6 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

PCB3023C - Molecular and Cell Biology

General

Course Description
Prerequisites: BSC 1010C, BSC 1011C, BSC 2012C, CHM 2210, CHM 2210L. A study of cell structure and function with emphasis on the properties of intracellular organelles and their molecular constituents. Three hours lecture, four hours laboratory.Course Fees: $66.93

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

- Billing Hours Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PCB3043C - Ecology

General

Course Description
Prerequisites: BSC 1010C, BSC 1011C, BSC 2012C
This course will focus on the basic principles involved in the functioning of ecological systems, with special reference to the major terrestrial and aquatic ecosystems of Florida. The laboratory involves experimentation with living animals. The course includes three hours of lecture and four hours of laboratory

and field work. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
● **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PCB3063 - Genetics

General
Course Description
Prerequisite: BSC 2012C, CHM 2210 and CHM2210L
Co-requisite: PCB 3063L
Description: Principles of classical and molecular genetics will be discussed via studies of nuclear inheritance, extra-nuclear inheritance, and gene regulation.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PCB3063L - Genetics Lab

General
Course Description
Co-requisite: PCB 3063Description: Students will conduct experiments that demonstrate the application of classical and molecular genetics techniques. Course Fees: $71.93

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
● **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PCB3090 - Conducting Science with Integrity

General
Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PCB4067 - Molecular Basis of Inheritance

General

Course Description
Prerequisite:PCB 3063C
This course will detail the molecular basis of inheritance in both prokaryotes and eukaryotes. Topics will include the structure and organization of DNA, plus DNA replication, repair, and recombination. Transcription, translation, and processing of gene products will be covered. A major emphasis will be the regulation of these molecular processes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB4233 - Immunology

General

Course Description
Prerequisite: PCB 3023C. Introduction to the major concepts in modern basic immunology with an emphasis on the relevant immunological mechanisms in pathogenesis of different diseases and pathological conditions. Emphasizes the transposition of basic science information into clinical problems through use of immunopathological concepts. Three hours lecture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB4234 - Biology of Cancer

General

Course Description
Prerequisite: Either PCB 3023C or PCB 3063C. This course will provide current information on the molecular, cellular, and genetic changes associated with cancer cells. Cellular and environmental causes of cancer will be discussed, and treatment options will be covered. Students should gain a thorough understanding of cancer at the cellular level by the conclusion of the course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB4253C - Developmental Biology

General

Course Description
Prerequisites: PCB 3023C. A study of gametogenesis, fertilization, and embryogenesis at the descriptive and molecular levels and of related developmental problems such as regeneration and carcinogenesis. Three hours lecture, four hours laboratory. (A laboratory fee of $51.93 will be assessed.)

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PCB4301C - Limnology

General
Course Description
Prerequisites: PCB 3043C, CHM 2045C, and CHM 2046C. This course involves the study of inland waters. The current definition of inland water includes lakes, streams, estuaries, and wetlands. Subjects include physical, chemical and biological limnology. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PCB4316C - Coastal Ecosystem Ecology

General
Course Description
Prerequisite: 3043CDescription: This course focuses on ecosystem ecology with particular reference to coastal ecosystems in Florida. Primary topics include ecosystem structure, function, drivers, and dynamics.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PCB4540 - Genomics

General
Course Description
Prerequisite: BSC 2012C
Description: Genomics is one of the newest and most exciting fields in biology. Discoveries made in this field have far reaching implications for important topics such as the evolution of life on our planet and the genetic causes of human diseases. This course will focus on the history of genomics, the technology used to sequence and analyze genomes, and the discoveries made from investigations of genomes. This course will address questions such as what genomic comparisons reveal about the relationship between disparate animal lineages; how the genome controls the production of the phenotype; the relationship between genome complexity and phenotype complexity; the evolutionary mechanisms that control genome architecture; and the genomic underpinnings of human disease.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PCB4674 - Evolution

General
Course Description
Prerequisite: PCB 3043C or PCB 3063C
Description: Evolution is the unifying theory of biology, linking fields as diverse as biochemistry and ecology, genetics and anatomy. In this course we will investigate

both the wealth of evidence for evolution by common descent and the genetic and ecological mechanisms by which evolution occurs in natural populations. In addition we will cover the history of evolutionary biology from pre-Darwinism views to present day controversies, and the key events that have lead to our current understanding of the subject.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB4707 - Human Physiology in Extreme Environments

General

Course Description
Prerequisites: BSC2012C and BSC2086C, OR ZOO3733C
Description: This course will survey the physiological adaptations and maladaptations to harsh environments including but not limited to desert, high altitude, space, submarine and subfreezing environments.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB4713C - Human Physiology

General

Course Description
Prerequisites: PCB 3023C, AND [BSC 2085C AND BSC 2086C] OR ZOO 3733CDescription: This course focuses on the functional activities and interactions of human cells, tissues, and organs; with an emphasis on respiration, excitation, transport, and control mechanisms. The course includes three hours of lecture and four hours of laboratory. The lab may include experimentation with living animals and/or dissection of preserved animals. Course Fees: $51.93

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PCB4805 - Endocrinology

General

Course Description
Prerequisite: PCB 3023C
This course will provide and introduction to the role that hormones play in regulating vertebrate physiology with special emphasis on human systems. Students will learn about general concepts of endocrinology, as well as the relevant mechanisms that lead to endocrine disorders in humans.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB4843 - Cellular and Molecular Neuroscience

General

Course Description
Prerequisites: PCB 3023C Molec and Cell Bio or by permission of the instructor. This course is an overview of structure-function relationships in the nervous system at the molecular level. Topics include development of neurons, neuron-specific gene expression, mechanisms of neuronal plasticity in learning and memory, synaptic release, molecular biology of neurological disorders, and molecular neuropharmacology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

PCB5235 - Cellular Immunology

General

Course Description
Prerequisite: PCB 3023C
The course is an overview of the cellular basis of innate and acquired immunity. Topics include antibody-antigen interactions, organization of antibody genes, mechanisms of B cell and T cell activation, the major histocompatibility complex, complement, and cell-mediated cytotoxic responses.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB5313C - Advanced Coastal Ecosystem Ecology

General

Course Description
This course provides an in-depth study of ecosystem ecology with particular reference to coastal ecosystems in Florida. Primary topics include ecosystem structure, function, drivers, and dynamics.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PCB5525 - Molecular Genetics

General

Course Description
Prerequisite: PCB 3023C, BCH 4033, PCB 3063C. This course will detail the molecular basis of inheritance in both prokaryotes and eukaryotes. Topics will cover the structure and function of DNA, including replication, repair, and recombination. Expressions of genes including transcription, translation, and processing of RNA will be covered, as well as regulation of these events. These processes will then be incorporated into the role of gene function in signal transduction and development.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PCB5545 - Advanced Genomics

General
Course Description
Description: Genomics is one of the newest and most exciting fields in biology. Discoveries made in this field have far reaching implications for important topics such as the evolution of life on our planet and the genetic causes of human diseases. This course will focus on the history of genomics, the technology used to sequence and analyze genomes, and the discoveries made from investigations of genomes. This course will address questions such as what genomic comparisons reveal about the relationship between disparate animal lineages; how the genome controls the production of the phenotype; the relationship between genome complexity and phenotype complexity; the evolutionary mechanisms that control genome architecture; and the genomic underpinnings of human disease.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PCB5700 - Advanced Human Physiology in Extreme Environments

General
Course Description
Prerequisite: Graduate standing or permission of the instructor.
Description: This course will survey the physiological adaptations and maladaptations to harsh environments including but not limited to desert, high altitude, space, submarine and subfreezing environments.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PCB5845 - Cellular and Molecular Neuroscience

General
Course Description
Prerequisite: PCB 3023C. The course is an overview of structure-function relationships in the nervous system at the molecular level. Topics include development of neurons, neuron-specific gene expression, mechanisms of neuronal plasticity in learning and memory, synaptic release, molecular biology of neurological disorders, and molecular neurophramacology. Written and oral presentations are assigned to enhance students' communication skills.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

PCB6236 - Advanced Cancer Biology

General

Course Description
Permission of Instructor. This course will focus on cancer biology at the molecular and cellular level. Changes in the genetics and behavior of cancer cells, as well as the causes of these changes will be discussed. Current aspects of cancer epidemiology and treatment will also be covered. Students who successfully complete the course will have a thorough understanding of cancer biology at the cellular level.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB6314C - Marine Ecology

General

Course Description
This course focuses on the distribution and dynamics of marine populations in relation to the physical and chemical environment of the ocean. (Open to certified biology teachers by permission of the instructor.) This course includes three hours of lecture and one hour of laboratory. (A laboratory fee of $51.93 will be assessed.)

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PCB6447 - Community Ecology

General

Course Description
Prerequisite: PCB 3043C. This course will be an in-depth examination of community ecology, with emphasis on diversity, stability, trophic structure, and the processes that affect community structure.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

PCB6480 - Quantitative Ecology

General

Course Description
Prerequisite: PCB 3043C or equivalent
This course will focus on how to design, conduct, and analyze some of the most frequently employed ecological experiments. Types of studies discussed will include (but are not limited to) assessing biodiversity, determining environmental constraints on population growth, and calculation of ecophysiological tolerances. Emphasis will be placed on how to effectively design studies to test hypotheses in heterogeneous natural environments and how to interpret experimental results.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB6675 - Advanced Evolution

General

Course Description
Prerequisite: PCB 3043C, PCB 3063C or permission of the instructor.
Description: Evolution is the unifying theory of biology, linking fields as diverse as biochemistry and ecology, genetics and anatomy. In this course we will investigate both the wealth of evidence for evolution by common descent and the genetic and ecological mechanisms by which evolution occurs in natural populations. Students will be required to independently analyze current literature articles on evolutionary research on a weekly basis. In addition we will cover the history of evolutionary biology from pre-Darwinism views to present day controversies, and the key events that have lead to our current understanding of the subject.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCB6685 - Population Genetics

General

Course Description
Prerequisite: PCB 3063C or permission of the instructor. Understanding the genetic processes at work in natural populations is essential to the understanding of many biological fields including Evolution and Ecology. In this course we will discuss the basic mechanisms of population genetic change, such as mutation, non-random mating, genetic drift and natural selection. We will also cover topics such as quantitative genetics and molecular evolution.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PCO4004 - Introduction to Counseling

General

Course Description
Prerequisite: DEP 3054 plus PPE 4003 or CLP 4143
Description: This course covers the major counseling theories which include philosophical assumptions about human functioning, hypotheses about behavior change, and the goals and methodologies of these counseling approaches. Emphasis also is placed on research and ethical considerations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PEL1121 - Golf

General

Course Description
Skill technique, club selection and match strategy instruction and performance in golf. A range/rule book fee of $33 is necessary for participation and is payable by check (made out to UNF Hayt Golf Learning Center/Golfplex).

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PEL1621 - Basketball

General

Course Description
The course provides for instruction and practice to learn/improve basic basketball skills as well as knowledge of the strategies and rules for basketball.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PEL2905 - Selected Sports Activities: Variable Title

General

Course Description
An introduction to the basic skills and strategies utilized in selected individual/dual and team sports. May be repeated up to 16 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
4

PEM1104 - Physical Conditioning

General

Course Description
Instruction in health-related fitness prescription and evaluation with performance and personal assessment in walking, jogging, rope jumping, or fitness trail exercise.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PEM1131 - Weight Training

General

Course Description
Instruction in health-related fitness prescription and evaluation with performance and personal assessment in weight training involving Nautilus/universal machines.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PEM2121 - Yoga Mindful

General

Course Description
Description: Explore the ancient world of yoga from its origins and through its evolution to the modern world. Learn the fundamentals of a mindfulness practice in a supportive academic environment. Implement the basic techniques of yoga including: physical postures, breath work, and meditation. Experience multiple styles of practice over the semester. Discover a powerful personal development tool to carry with you for the rest of your life.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PEM3930 - Special Topics in Exercise Science

General

Course Description
Prerequisite: PET 3351C. An in-depth examination of one topic in the exercise science field. Topics will vary each semester but will be chosen from the following broad areas: fitness in special populations, exercise in rehabilitative settings, fitness, and cardiovascular health.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PEN1231 - Basic Sailing

General

Course Description
The course provides for instruction and practice to learn/improve basic skills in sailing small craft.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PEO3344 - Tennis Coaching

General

Course Description
A study of the physical skills, game strategies, optimum practice conditions, physical conditioning, rules, facilities and equipment, program administration and special ethics and liability concerns in coaching tennis.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PEP3304 - Track and Field Coaching

General
Course Description
A study of the physical skills, event strategies, optimum practice conditions, physical conditioning, rules, facilities and equipment, program administration, and special ethics and liability concerns in coaching track and field.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PEP4135 - Principles of Strength and Conditioning

General
Course Description
Prerequisite: HSC4612
Description: In depth study of the scientific principles and techniques related to the strength and conditioning of the athletic population. Designed to provide a background for certification as a strengthening and conditioning specialist.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET3080 - Physical Activity Epidemiology

General
Course Description
This course examines the current state of physical activity and public health with a particular focus on chronic diseases. This course will review the positive associations regular physical activity, exercise, and fitness purvey on overall health as well as examining the associations with various common, chronic conditions e.g. type 2 diabetes, heart disease. This course will be taught from an epidemiological perspective incorporating the use of the scientific literature with the objective of augmenting student knowledge in epidemiology and study design.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET3310 - Kinesiology

General
Course Description
Prerequisites: BSC2085C and BSC2086C
Description: This course introduces students to the basic physiological and mechanical principles of human movement. These principles are examined within the context of both exercise and sport.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET3312C - Biomechanics

General
Course Description
Prerequisites: BSC 2085C and BSC 2086C. Integration of mechanics, physics, and analysis of human motion. Emphasis will be placed on functional anatomy, musculoskeletal and neurological systems and pathomechanics of sports injuries.(A laboratory fee of $15 assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2.75

Lab Hours
Lab Hours Min:
0.25

Number Of Repeats:
0

PET3324C - Gross Anatomy for Health Care Professionals

General
Course Description
Prerequisites: BSC 2085C, BSC 2086C
Study designed to expose students in health care professions to the macroscopic aspects of human morphology with emphasis on the musculoskeletal and neuromuscular systems. Human cadaveric specimens will be utilized along with other clinical and surgical information provided in part by qualified local medical professionals. A laboratory fee of $50.00 will be assessed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PET3325 - Functional Anatomy/Kinesiology

General
Course Description
Prerequisites: BSC 2085C and BSC 2086C with "B" grade or better
The course focuses on analyzing, evaluating, and understanding exercise and sport skills. Early emphasis is on filming with video cameras to help; 1) identify and analyze the movement phases of various exercises and sport skills, and 2) generate illustrated scientific reports. Next, functional anatomy is learned in great detail to better understand the joint motions and muscles involved during exercise and sport. Last, the relevance of functional anatomy to injury prevention is addressed.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET3422 - Fitness Education for Children and Adolescents

General
Course Description
Description: The course involves a study of developmentally appropriate methods used to teach health-related physical fitness principles to children and adolescents in schools and youth agencies.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
2

Number Of Repeats:
0

PET3434C - Learning Through Movement

General
Course Description
Integration of movement activities with other curricular areas. An emphasis is placed on the use of the physical medium to develop the academic and cognitive skills of elementary school children.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET3473 - Communication in Sport

General
Course Description
Description: Students in this course will gain a basic knowledge and understanding of the principles of communication in sport as applied to the sport industry. Emphasis is on both traditional and innovative communication methods available to sport organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET3493 - Issues in Sport

General
Course Description
Description: This course includes a study of the major social and ethical issues relating to sport. The course revolves around in-depth discussions among athletes, academics, coaches, administrators, doctors, lawyers, and business people concerning issues in sport. Students will encounter unique descriptive accounts which depict how sports actually affect individuals, organizations, institutions, and society. Philosophical, socio-cultural, and technological issues are also a part of the learning agenda in the course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PET3672 - Observation and Practicum in Athletic Training I

General

Course Description
Prerequisites: Declared major in Athletic Training, PET 3603C, PET 3620, and HSC 2400. A beginning clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. May be repeated for credit maximum number of 3 times for a maximum number of 9 credits.(A material fee of $15 assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

PET3673 - Observation and Practicum in Athletic Training II

General

Course Description
Prerequisite: PET 3672. A beginning clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. This class is an elected continuation of Observation and Practicum I. May be repeated for credit.(A material fee of $15 assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

PET3768C - Practical Skills in Exercise Instruction

General

Course Description
This course is designed to provide students with practical instruction in choosing and demonstrating appropriate activities that address the 5 components of fitness; aerobic endurance, anaerobic endurance, muscular strength, body composition, and flexibility. Particular attention will be placed on proper form and technique of muscle strengthening exercises, cardiorespiratory exercises, and group exercise instruction.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

PET3771C - Business and Practice in Exercise Physiology

General

Course Description
This course covers the business aspects of personal training, details appropriate client-trainer interaction, and prepares students to develop suitable and innovative exercise training programs for future clients.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PET4416 - Theory and Practice of Fitness Management

General
Course Description
Description: This course provides students with an in-depth, practical approach to understanding the operations and management functions associated with fitness facilities and the fitness industry. Facility operations, management, staff development, human resource practices, member recruitment and retention, and other topics will be examined.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET4464 - Sport Finance

General
Course Description
Description: Students in this course will gain a basic knowledge and understanding of the principles of sport finance as applied to the sport industry. Emphasis is on both traditional and innovative revenue acquisition methods available to sport organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET4476 - Sport Law

General
Course Description
Description: This course is designed to be an overview of the legal issues most often encountered in sport and physical activity. The course content will include an emphasis on tort, contract, and selected areas of constitutional, statutory, contract, labor, and commercial law. Students will become aware of the rights of participants, athletes, coaches, managers, teachers, referees and others engaged in amateur and professional sport. Legal issues related to sport clubs, schools and organizations in which the principal events involve physical activity will also be addressed. Precedent-setting court decisions will be explained and will serve as a guide for students in creating risk management systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PET4550 - Physical Fitness Assessment and Exercise Prescription

General

Course Description
Prerequisite: HSC4612.
Description: This course will cover traditional and state of the art processes used to assess physical fitness, as well as techniques used to prescribe personalized exercise programs. Supervised lab experiences in assessment and prescription will be included.
Course fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
0

PET4627 - Human Injury: Mechanisms and Prevention

General

Course Description
Prerequisite: PET 3325
This course is designed to give the student a comprehensive understanding of common orthopedic injuries. Topics will include; physiology of tissue damage and repair, mechanisms of common injuries, injury prevention, basic primary care of injuries (1st Aid), modalities utilized in the rehabilitation of injuries, and the integration of the post rehab patient into an exercise program.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PET4905 - Independent Study in Exercise Science

General

Course Description
Prerequisite: Permission of supervising faculty and Exercise Science Program Director
This course will be a specialized study or research project of a exercise science related topic under the direction of program faculty. This course may be repeated up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

PET4910 - Directed Individual Study

General

Course Description
The student will select a physical education project and conduct research and field experiences under the guidance of a faculty advisor. May be repeated up to 16 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
4

PET4942 - Internship in Kinesiology

General

Course Description
Prerequisite: Completion of all other major and core program requirements. Description: This is a concentrated Kinesiology internship under a qualified supervisor in a selected work setting. The internship is designed as a culminating experience which provides the student with an opportunity to practice under careful observation and in cooperation with a skilled practitioner.

Credit Hours

Credit Hours:
2

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
2

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
2

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
0

PET4943 - Pre-Internship in Kinesiology

General

Course Description
Prerequisite: Completion of all major program requirements except PET 4942 Description: The purpose of this course is to prepare students for entry into the professional field of Kinesiology. Students will review and practice entry-level assessment skills, prepare a professional portfolio, secure an internship site, and complete an internship work plan. Students will be provided with information about the variety of agencies and sites where exercise science is practiced. They will explore the variety of professional paths that exist in Kinesiology in preparation for selecting an internship site
Course Fees: $125.46

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PGY1800C - Digital Photography for Designers

General

Course Description
Prerequisite: ART2605C Basic Computer Images. This course will explore proper photographic techniques, including: framing an image, exposure settings, and camera controls. Additional emphasis will be placed on computer image editing. Students will be expected to photograph various subjects and explore image editing software. Image management and composition will be stressed while

shooting for print and digital design projects. This class will prepare students to apply imagery to future design projects in the program. (A material fee of $65 will be assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

PGY2401C - Basic Black and White Film Photography 1

General
Course Description
Prerequisite: PGY2810C
Description: This course introduces students to the technical aspects of traditional black & white photography including: camera operation, film exposure and processing, darkroom printing, and professional presentation of photographic works. The course will also introduce students with basic awareness of photography history, and an understanding of photography's communicative and expressive potentials.
Course Fee: $75

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

PGY2807C - Digital Photography for Non-Photography Majors

General
Course Description
An exploratory course that will provide students with a working understanding of the fundamentals of digital photography. Emphasis is upon digital camera controls, computer editing tools for manipulating and enhancing images, digital output, and developing essential strategies for taking photographs. Students will produce a portfolio and research paper. One third (1 credit) of this class is devoted to lectures and 2/3 (2 credits) is devoted to lab.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

PGY2810C - Intro to Digital Imaging

General
Course Description
This course is an introduction to the basic technical aspects of photography. Areas of investigation include operating a camera, framing, lighting, computer editing tools for manipulating and enhancing images, and inkjet printing. Additionally, the course will introduce students to the theoretical, historical and communicative aspects of photography.

Credit Hours
Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PGY3276C - Professional Practices

General

Course Description
Prerequisite: PGY2810C, PGY2401C, and PGY3824C or permission of instructor for non-photo BFA majors.Description: An introduction to practical and professional strategies related to creative practice including: documenting, editing, and archiving work, preparing resumes, project statements, developing a professional website, searching for exhibitions and other opportunities for BFA majors. This course will also introduce students to critical examination, writing and speaking about their work.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

PGY3410C - Black and White Film Photography 2

General

Course Description
Prerequisites: PGY 2401C
Description: This is an intermediate-level film and camera-based course. Goals of the class include: fine tuning technical skills, archival processing of fiber papers, fundamentals of studio lighting and further development of a photographic vision, along with the skills necessary for discussing and writing about your work and that of others. A 35mm or medium format single lens reflex (SLR) film camera with manual adjustments and a built-in or hand-held light meter is required for this course.
Course Fee: $75

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PGY3824C - Contemporary Photographic Imaging

General

Course Description
Prerequisite: PGY 2810C
Description: This course will investigate color photography as a means of expression and form of communication as well as introduce the principles of color theory and color characteristics of natural and artificial light. In addition, students will be instructed how to mange and manipulate color using Adobe Photoshop and Camera Raw.
Course Fee: $75

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

PGY3930C - Special Topics in Photography

General

Course Description
Prerequisites: PGY 2401C, PGY 3410C, PGY 3820C, One PGY 4XXXC level course This course offers a broad range of topics in in applied photographic practice. Special Topics courses are characterized by a "workshop" format where students work individually and with faculty on extended projects designed to develop technical proficiency in one or more photographic processes while working towards production of a coherent portfolio and written artist statement. A materials fee will be assessed for this course. (A material fee of $75 will be assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
4

PGY3952C - Study Abroad: Photography in Italy

General

Course Description
Description: An introductory course designed for non-photo majors or minors who want to develop a working understanding of the fundamentals of digital photography. The course emphasizes camera controls, basic photographic techniques, and the practice of photographic seeing within the context of a study abroad experiences in Italy. Students are encouraged to explore the rich history and culture of Italy through various photographic assignments. One third (1 credit) of this class is devoted to lectures and 2/3 (2 credits) is devoted to lab. Photography majors and minors participating in the Italy Study Abroad program should register for PGY 4944 Photography Practicum. Other non-photo BFA majors should contact the department of Art and Design for registration information.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PGY4004 - History of Photography

General

Course Description
This course traces developments in the photographic medium from its prehistory and 19th century invention to the present. Key aspects of photographic practice, including portraiture, landscape and expeditionary photography, social documentary, and photography as artistic expression are examined in a selective overview encompassing photographic technique, utilitarian function, sociopolitical context, and aesthetics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PGY4205C - Studio Fundamentals

General

Course Description
Prerequisite: PGY 2810C, PGY2401C, and (PGY3824C OR PGY3410C)
Description This course introduces the student to working with artificial sources of light in a photographic studio. These lighting sources are studied and analyzed to enable the student to discern and employ light effectively and creatively in the production of photographs.
Course Fees: $75

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PGY4218C - Advanced Studio Practice

General

Course Description
Prerequisite: PGY 4205C
Description: A studio-based course in which students further develop techniques for controlling and manipulating light to achieve professional results. Strong emphasis is placed upon student-generated assignments, experimental lighting techniques, and professional studio practices.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

PGY4443C - Alternative Photographic Processes

General

Course Description
Prerequisite: PGY 2401C, PGY 2810C, and (PGY3410C OR PGY3824C)
Course Description: This course explores alternative methods of picture making using historical photographic processes in application with analog and digital negative-making techniques, non-camera negative production, and mixed media techniques.
Course Fees: $75

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PGY4476C - Photography Portfolio

General

Course Description
Prerequisite: PGY 3276C or Instructor permission for non-photo BFA majors
Description: Students will pursue a semester-long project and produce a cohesive portfolio, write a self-reflective essay on their work, deliver an oral presentation to the faculty, participate in an exhibition, and update resume, artist statements, and websites developed in PGY 3276C or other ART courses. Additionally, students will be introduced to professional strategies including: applying to graduate school, searching for exhibitions and grants, starting a business, and preparing for job interviews. (Photo Majors: No more than one PGY 3000 or 4000 level course may be taken with this class.
Course Fees: $75

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

PGY4944C - Advanced Photography Practicum

General
Course Description
Prerequisite: PGY 2810C, PGY2401C, and (PGY3824C OR PGY3410C)
Description: Technical skills introduced in lower level courses are further developed in this revolving set of courses which introduce students to a range of photographic approaches including: documentary practice, fabrication and manipulation, advanced portraiture, alternative analog and digital processes, etc. Students will explore the challenges of self-generated assignments, longer-term projects, and on-demand web publishing of work. Particular emphasis is placed on self–critique and analysis of photographic work from formal, technical, and conceptual perspectives.
Repeatability: This course may be repeated for up to 12 credits under different content.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
3

PHC4468 - Health Disparities through Data Analytics

General
Course Description
This course explores public health professionals' role in improving the public's understanding of the causes and strategies to eliminate health disparities. Emphasis will include various ways social, economic, environmental, cultural context, and lifestyle factors contribute to differences in morbidity and mortality for diverse populations. Students will gain knowledge and develop skills in data retrieval and management, descriptive analysis and visualization, bivariate statistical inference, and geospatial imaging to investigate health disparities and inequalities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHC6000 - Epidemiology I

General
Course Description
Description: This course covers epidemiological concepts and methods for measuring and interpreting data related to the distribution and determinants of morbidity and mortality in human populations. The knowledge and skills acquired should enable one to plan, develop, conduct, and interpret findings from epidemiologic investigations and other types of studies, and to make meaningful recommendations for methods of disease control and prevention.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHC6002 - Infectious Disease Epidemiology

General

Course Description
Description: This course introduces the basic methods for infectious disease epidemiology and case studies of important disease syndromes and entities. Methods include definitions and nomenclature, outbreak investigations, disease surveillance, case-control studies, cohort studies, laboratory diagnosis, molecular epidemiology, dynamics of transmission, and assessment of vaccine field effectiveness. Case studies focus on acute respiratory infections, diarrheal diseases, hepatitis, HIV, tuberculosis, sexually transmitted diseases, malaria, and other vector-borne diseases.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHC6003 - Chronic Disease Epidemiology

General

Course Description
Prerequisite: HSC 6505 or APK 6336
Description: This advanced epidemiology course is intended to be a survey of the major chronic diseases and related risk factors with emphasis on recent epidemiology research and findings. Lectures will introduce the burden of chronic illnesses and will lead into specific diseases that are prevalent in western societies. Each chronic disease will include a discussion on the epidemiologic features including demographics, risk factors, prevention, treatment, early detection, and control of the disease. The specific chronic diseases that will be discussed are: cardiovascular disease, cancer, chronic lung disease, diabetes, arthritis and musculoskeletal diseases, and chronic neurologic disorders. The specific related risk factors that will be discussed are tobacco use, alcohol use, physical inactivity, diet and nutrition, high blood pressure, and cholesterol.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHC6011 - Epidemiology II

General

Course Description
Description: This course will build upon the knowledge learned in Epidemiology I to further develop understanding of epidemiological concepts and methods and how to apply them. The practical epidemiological skills learned in this course will prepare students to effectively address challenges that arise in public health research and practice.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHC6020 - Introduction to Clinical Trials

General

Course Description
Description: This course introduces clinical research and key components in conducting clinical trials. It includes an overview of human subjects protection; best practices in the clinical research process; the importance of Translational Science in drug development, first in human studies, bringing drugs to market, and population health; biomedical ethics in research; studies involving special populations; regulatory considerations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHC6050 - Public Health Biostatistics I

General
Course Description
Prerequisite: Undergraduate statistics course or equivalent
Description: This course focuses on the principles and methods of reasoning that underlie modern biostatistics, providing the basis for further study in epidemiology and biostatistics. The course will provide information concerning specific descriptive and inferential techniques commonly used in public health research.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHC6051 - Public Health Biostatistics II

General
Course Description
Description: This course focuses on statistical software commonly used in modern biostatistics, providing the basis for further study in epidemiology and biostatistics. The course will provide information concerning software-based descriptive and inferential techniques commonly used in public health research.
Availability: One semester per year

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHC6102 - Public Health Policy and Advocacy

General
Course Description
Description: TThe course examines the organization, financing, and delivery of public health and personal health services, with emphasis on major current health policy issues related to access, quality and cost. In addition, this course describes the methods of writing a policy analysis, allowing students to apply analytic writing skills to policy in the health care and public health systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHC6103 - Applied Social Behavioral Science

General

Course Description
Description: In this course, students will analyze their proficiency in the essential public health services through the lens of social behavioral science. Based on their individual competence, students will apply one of the core functions to an emerging public health issue in partnership with a community organization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
0

PHC6149 - Public Health Leadership and Management

General

Course Description
Description: This course introduces the numerous theoretical concepts in leadership and connects these concepts to public health practices. Further application of leadership principles includes creating a vision, comparing leadership and management skills, empowering others, fostering collaboration, and developing decision making and negotiation skills in both organizational and community situations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHC6762 - Global Health Epidemiology

General

Course Description
Prerequisite: HSC 6505
Description: This course will explore global differences in the distribution and determinants of disease and health, and examine interventions aimed at improving health status. Specific topics of discussion will include the epidemiology of disease in developing countries, rapid growth of urban populations and impacts on disease transmission, refugee health, global tobacco control, and ethical issues in research of disadvantaged populations.
Availability: One semester per year

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHC6940 - Public Health Capstone

General

Course Description
Prerequisite: Completion of or current enrollment in all required MPH courses and permission of the PHC 6940 Public Health Capstone Instructor
Description: This course prepares students for internship and entry into a public health career. The course focuses on developing professional and interprofessional skills, securing an internship site, developing the internship project proposal and obtaining necessary approvals. This course must be completed the semester immediately prior to PHC 6945 Public Health Internship. This course is offered spring term only.
Availability: This course is offered spring term only.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
2

PHC6945 - Public Health Internship

General

Course Description
Prerequisite: Completion of PHC 6940 and permission of the Capstone Instructor Description: The internship is the final culminating applied practice experience required for the Master of Public Health degree and serves as an opportunity for the student to demonstrate competency attainment. To accomplish the internship objectives, practice experiences must focus on selected competencies from the Council on Education for Public Health's Foundational Competencies and program Concentration Competencies. This course is offered summer term only.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

PHH3100 - Ancient Greek Philosophy

General

Course Description
Description: This course is a survey of the major metaphysical, epistemological and ethical issues which concern the ancient Greek philosophers. Included will be pre-Socratics, Plato, Aristotle, the stoics, the epicureans, the skeptics, and the neo-Platonists.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHH3104 - Socrates and the Sophists

General

Course Description
This course introduces students to Socratic thought on a focused, intensive level. Students will read the central dialogues of Plato that present Socrates arguing against the most influential teachers of ancient Athens, the Sophists. In the process of reading these works, students will analyze Socrates's arguments that virtue consists in wisdom and that the life of continuous self-examination and striving for virtue is superior to the life of political power based on rhetorical prowess. Students will also determine for their own lives whether they prefer the life of a philosopher, and the values on which it is founded, or the life of the Sophist and master of rhetoric.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHH3120 - (FC) The Greek Experience

General

Course Description
An interdisciplinary course, weaving together the history, art, and philosophy of ancient Greece. We will focus on certain concepts the Greeks bequeathed us which are still important. We will try to think about polis, logos, nous, psyche, arete, in the way that a Greek might have thought about them.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHH3201 - Jewish and Islamic Philosophy in the Classical Tradition

General
Course Description
Description: Often medieval philosophy is presented in its Christian guise alone, giving the impression that the medieval philosophical tradition, influenced by the great thinkers of Greek antiquity, is exclusively a Latin tradition, with no substantive contribution by those who wrote in Arabic and Hebrew. We shall revise this view. Our focus will be a select group of philosophers who lived between the 10th-12th centuries, a roughly three hundred-year period that is a high point in medieval Jewish and Islamic philosophy—a time before Greek philosophy was rediscovered in Christian Europe. Philosophers to be studied in some detail are Saadya Gaon, Al-Farabi, Ibn Rushd, and Maimonides, and in addressing topics in the philosophy of language, metaphysics, epistemology,
cosmology, philosophical psychology, and especially in philosophy of law, ethics, and political
philosophy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHH3230 - Islamic Philosophy

General
Course Description
Description: This course provides an introduction to the historical birth of Islam and some of the philosophical issues it addresses, both in its history and in contemporary times. This course covers the revealing of the Qur'an and the development of sources of authority within the tradition as well as the way those resources are used to answer questions in Islamic law, theology, philosophy, and mysticism. Through thinkers such as Ibn al-Arabi, al-Ghazali, and Ibn Rushd (Averroes), we will cover problems that remain pertinent into the medieval period and beyond: How does determinism influence ethical blame? How do universal laws and particular cases relate? What is the proper relationship between reason, knowledge, and revelation?

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHH3400 - Modern Philosophy

General
Course Description
An examination of major philosophical developments accompanying the emergence of the modern world. The course focuses on the chief thinkers of the 17th and 18th century, including Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHH3500 - Kant to Nietzsche

General
Course Description
Description: An exploration of major philosophical developments which follow the French Revolution and culminate with the beginning of the 20th century. Special attention is given to the contemporary relevance of 19th century thought. Readings from Hegel, Marx, Kierkegaard, Schopenhauer, Dilthey and Nietzsche.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHH3810 - Introduction to Buddhism

General
Course Description
Description: In this course we will critically engage Buddhist philosophy and religion, from its origins in ancient India to its spread across Asia and its impact on the contemporary world. The course will include a focused survey of key ideas, practices, and texts, and a more in-depth examination of one particular idea, practice, or text.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHH3811 - The Philosophy of Zen Buddhism

General
Course Description
Zen is the meditation school of traditional Buddhism. This course is a critical examination of the literary, philosophical and historical roots and teachings of Zen. We will begin with a general introduction to Buddhism, then read some Chinese and Japanese Zen texts, in an effort to understand them as expressions of Asian culture, as responses to philosophical problems, as exercises testing the limits of reason, and as expedient means to awaken "the true self of compassionate wisdom".

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHH3820 - (FC) Chinese Philosophy

General
Course Description
Chinese Philosophy traces the historical development of the major, traditional movements in thought, religion, and philosophy. Beginning with the Chinese classics, its explores the ideas of Confucianism, Mohism, Daoism, Legalism, Buddhism, and Neo-Confucianism. Readings in primary sources are emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHH3840 - (FC) Philosophies of India

General

Course Description
Description: This course will follow the development of Indian Philosophies from the early Vedic culture of the Indus Valley civilization through the Upanishadic and epic traditions, heterodox traditions of materialism, Jainism, and Buddhism, and orthodox responses of Vaishesika, Nyaya, Samkhya, Yoga, Mimamsa, and Vedanta. We will pay particularly close attention to philosophical developments in Buddhism and to the practices of Yoga and Advaita Vendanta. Among the questions this course will consider are the following: What is the self? What is the relationship between the self, the personality, and the mind? What really exists and how can I know about it? What is the goal, purpose, and meaning of human life? What is the role of philosophy in the Indian intellectual and religious tradition?

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHH3860 - (FC) Japanese Philosophy

General

Course Description
Description: This course is an introduction to Japanese philosophy through key elements of Japanese culture. We will explore Shinto, the indigenous world-view and practices of Japan; Japanese Buddhism, including Zen, Pure Land, and Nichiren; bushido, or the samurai spirit; distinctive contributions of Japanese thinkers to neo-Confucianism; and Japanese aesthetics. As we do so, we will explore the differences between orientalism and responsible approaches to non-western cultures and philosophies. We will also discuss Japanese responses to the Buddhist problem of original enlightenment, think through the role of ritualized activities in Japanese culture, and learn what the hierarchical nature of Japanese language can tell us about life in Japan.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHH3930 - Topics in History of Philosophy

General

Course Description
Description: This course examines diverse topics in the history of philosophy, focusing on issues in epistemology, metaphysics, or value theory. Each semester the course typically addresses a theme, a single author, a school, a comparative analysis, or an assessment of the contemporary relevance of the thought in the history of philosophy.
Repeatability: This course is repeatable under different topics for up to 9 credit hours.

Credit Hours

Credit Hours:
3

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
3

Billing Hours Max:
9

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
9

Lecture Hours
Operator:
TO

Number Of Repeats:
2

PHH4601 - Contemporary European Philosophy

General

Course Description
Description: This course offers an examination of major issues and figures in 20th and 21st century European philosophy. It considers topics such as the alterity or difference of others, the relation of language to thought, the nature of human experience and perception, the nature of power, as well as contemporary perspectives on justice, ethics, and politics. The course draws on the works of influential theorists such as Sartre, Merleau-Ponty, Beauvoir, Heidegger, Adorno, Deleuze, Derrida, and Foucault in order to gain insight into some of the main philosophical movements of the 20th century: phenomenology, existentialism, structuralism, post-structuralism, and deconstruction.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHH4821 - Confucianism

General

Course Description
Description: This course will explore the thought and influence of one of the most influential people of all time, Confucius. Much of what we see today as distinctive contributions of East Asia to world culture comes from a Confucian approach to the world. We will begin in ancient China with the great Confucian classics, and then proceed historically through movements and developments in Confucian thought, from the Analects and the Mengzi to Dong Zhongshu, Zhu Xi, and New-Confucianism as it exists today. We will examine questions of how to categorize Confucianism: philosophy, religion, both, neither? We will also explore the Asian Values controversy and discuss the rise of Confucianism in contemporary China, including various Confucian responses to problems such as human rights, environmental ethics, and bioethics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI2010 - (GW) Introduction to Philosophy

General

Course Description
In this course, students will be introduced to the nature of philosophy, philosophical thinking, major intellectual movements in the history of philosophy, including topics from the western philosophical tradition, and various problems in philosophy. students will strengthen their intellectual skills, become more effective learners, and develop broad foundational knowledge.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI2100 - (GW) Critical Thinking: The Art of Reasoning

General

Course Description
Description: This course is an introduction to the art of thinking and reasoning well. Thinking and reasoning well are of paramount importance for not only philosophy, science, history, politics, business, medicine, or engineering, but for any human endeavor that seeks to give rational support for its assertions. Throughout the course we will seek to refine the habits, patterns, and activities of thinking so as to become more careful, more critical, and more competent thinkers. We will do this by first cultivating the skills of identifying and evaluating arguments; we will

then learn to identify patterns of bad reasoning and how to improve an argument. At various points in the course we will turn our critical thinking skills toward selected contemporary issues for analysis. By the time the course is finished, successful students will be more confident in analyzing the arguments of others, constructing their own arguments, and discoursing civily with others about complex and contentious issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI2101 - Introduction to Logic

General

Course Description
Description: This course will introduce students to symbolic logic. In logic we study the principles of correct reasoning as revealed through language. In this course, students will study both how and why good reasoning works. Our focus will be on the principles of deductive reasoning (in contrast to inductive reasoning). In symbolic logic we use artificial, formal languages to study deductive inferences. In this course students will be introduced to and come to understand two such formal languages (sentential logic and predicate logic) in order to assess and construct good deductive arguments and test for other logical properties. This course satisfies a core requirement for the major in Philosophy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI2630 - (GW) Critical Thinking: Ethical Issues

General

Course Description
Description: This course is an introduction to thinking critically about a range of ethical issues. As such, we will examine the differences between opinions and positions, debates and arguments, and stereotypes and assumptions. We will learn to identify, analyze, and respond to arguments using ethical standards and logical criteria. Because ethical issues are often heated and emotionally charged, we will spend time focusing on how to listen to one another, building our community around intellectually safe inquiries. In order to engage these questions together, we will develop a basic theoretical framework from which to begin, and then drawing on significant philosophical theories of ethics, we will focus our attention on selected issues, which may include but are not limited to issues such as abortion, euthanasia, informed consent, research ethics, food justice, friendship, sex, cheating, and parenting.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI2885 - Philosophy through Fiction

General

Course Description
Description: This course explores the ways in which philosophy and literature inform one another. We will consider how philosophical positions, arguments, and problems are illustrated in works of fiction, and whether fiction itself can be a form of philosophy. Students should gain an understanding of several philosophical issues and positions, develop an appreciation of the importance of fictional narrative to the reflective understanding of life and how it may also inform philosophical theory, as well as the value of philosophy to literary criticism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3084 - Philosophical Methods

General

Course Description
Description: This course is an investigation of various central methods in philosophical inquiry. The course covers analytic, continental European, comparative (non-Western/Western), and historical perspectives. Attention is paid to developing students' abilities to interpret philosophical material, construct and evaluate arguments, and write philosophical essays. Specific topics will vary by instructor. This course is required for the philosophy major and minor, and is a prerequisite for all 4000 level courses.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3300 - Introduction to Epistemology

General

Course Description
Description: Epistemology is the study of knowledge and justified belief. In this course, we will critically examine numerous accounts of the nature and sources of knowledge and justified belief. In addition, we will look at epistemological puzzles concerning skepticism, the problem of induction, epistemic relativism, and the epistemic significance of disagreement. The philosophical questions to be discussed include: What is knowledge? Can we know anything worthwhile? Given that we do know things, how do we know them? Under what conditions is a belief rational? Is it rational to believe controversial propositions? Is there more than one standard of rationality?

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3320 - Philosophy of Mind

General

Course Description
Description: An attempt to define the relationship between the mind and the body and to explore the relationship between the mind-body problem, freedom and immortality. Topics include the history of the notions of soul, mind, and body; the relation between the brain and the mind; and computer intelligence.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3400 - The Philosophy of Science

General

Course Description
Description: A philosophical exploration of nature and the foundations of both the natural and the social sciences. Topics will include the structure of scientific explanation, the nature of theories, the possibility of scientific revolution, the idea of a science of human behavior and the relationship between science and human values.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI3453 - Philosophy of Psychology

General
Course Description
Description: This course examines the philosophical and ethical issues raised by the theory and practice of psychology. Questions to be considered are: What philosophical and ethical problems are raised by the very idea of mental health? In what sense do different approaches to psychological care embody different underlying philosophical assumptions? What different philosophical reasons are there for thinking that psychological treatment should be aimed at the mind, the brain, behavior, the self, the soul, or the whole person?

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI3463 - Science and Objectivity

General
Course Description
This course is an examination of the metaphysical and theoretical assumptions that frame the activity of the scientific community. The texts covered in this class include the historical importance of key experiments in the history of science, as well as the role of objectivity, subjectivity, and the ideal scientist's identity. A deeper understanding of what it means to be "scientific," of how science generates knowledge, and of the ways scientific method effects the standards of good thought will come from our explorations into identity, objectivity, and methodology.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI3500 - Introduction to Metaphysics

General
Course Description
Description: This course will be a topical introduction to central themes in metaphysics, a branch of philosophy that tries to answer the fundamental questions about the nature of reality. In the course we will carefully consider accounts of causation, the relation of freedom and determinism, laws of nature, personal identity, mental states, time, material objects, and properties. The philosophical questions to be discussed include: What makes it the case that one event causes another event? Is free will compatible with determinism? What are material objects? Given that material objects exist, do such things as properties exist? What makes it the case that a person may exist at two different times?

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3601 - Ethics

General

Course Description
Ethics considers questions such as "How should I live?" and "How do I decide the right thing to do and why should I do it?" This course deals with those questions in the areas of moral metaphysics, meta-ethics and normative theories of moral conduct which come from the history of philosophy back to the time of Plato and Aristotle. Other theorists to be discussed include Immanuel Kant and John Stuart Mill, and may include figures such as Thomas Hobbes, David Hume and John Dewey, as well as contemporary theorists.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3632 - Feminist Philosophy

General

Course Description
Feminist philosophy questions sex/gender based oppression. In this course we consider how our understandings of sex and gender, also shape institutional power, values, beliefs about rationality, and more.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3633 - Bioethics

General

Course Description
This course employs tools of ethical theory to examine a number of moral issues arising in health care. Issues to be considered include the physician-patient relationship, informed consent, advance directives, euthanasia and physician-assisted suicide, experimentation on human subjects, and access to health care. Throughout this course we will examine assumptions about rights, persons, and ethical principles at play in the medical arena. Readings will include discussions of ethical principles in medical contexts, legal decisions, and case studies, providing students with the opportunity to sharpen their analytic skills and develop a deeper understanding of some of the major bioethical issues currently being debated.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

PHI3637 - Ethical Issues in Public Health

General

Course Description
This course introduces students to moral issues in public health. Students will learn to recognize relevant moral issues and analyze them in light of basic ethical principles. Topics to be covered may include allocation of scarce health care resources, public vs. private health care funding, access to care, ethics and infectious disease control (STDs, HIV, TB), public health genetics (screening programs and individual testing/counseling), and research ethics in public health (e.g. experimenting on uninformed populations). Case analysis and group discussion will be emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI3640 - Environmental Ethics

General
Course Description
This course will cover intrinsic and instrumental value approaches to environmental ethics, alternative environmental ethical approaches, and special environmental ethical issues. The goal of the course is to familiarize students with all the major approaches to environmental ethics and with a few particularly philosophically interesting environmental ethical issues. Students will appreciate and understand the complexity and intricacy of the arguments involved in adopting one approach or position over another.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI3664 - Ethics East and West

General
Course Description
This course explores ethical theory and some contemporary ethical problems from the perspective of comparative philosophy. The focus will be on Asian approaches to ethics, and how differing views of nature and human nature alter the quest for what is good and for the good life. We will discuss the Hindu, Confucian, Taoist and Buddhist traditions, as well as contemporary Japanese theory.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

PHI3669 - Leadership and Public Philosophy

General
Course Description
This course aims to help students develop the skills of doing philosophy and facilitating philosophical conversations outside of the context of a university classroom. We will work through leading conversations on complex ethical issues, doing philosophy with children, and engaging in philosophical discussion in non-traditional formats (e.g. YouTube videos, podcasts, editorials, fiction-writing, and more). Topics will vary by instructor. Students are encouraged to take PHI 3940 Philosophical Methods prior to this course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI3670 - Relativism and Disagreement

General

Course Description
Description: Disagreement concerning how we should live and what we should believe is widespread and persistent. A prevalent response to such disagreement is some kind of relativism – some claim that both parties to the disagreement are correct. In this course we will look at the case for and against ethical relativism (relativism about what we should do) and epistemic relativism (relativism about what we should believe). We will also look in a more direct way at the epistemic significance of disagreement itself. Can reasonable people come to different conclusions even when they have the same evidence? How should we modify our beliefs (if at all) when we encounter another who disagrees with us? And when (if ever) can beliefs be rationally maintained in the face of disagreement?

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3674 - Lies and Self Deception

General

Course Description
Description: Self deception is a common phenomenon. In fact, most people seem to have a friend or family member who they think is self-deceived (e.g., about the faithfulness of his or her lover, about his or her beliefs concerning a particular religion or political party, etc.) This apparent ability to lie to oneself in the face of the evidence seems to be a rather contemptuous vice. However, recent psychological studies seem to suggest that at least some forms of self deception are life-enhancing. Thus, it might seem that self deception can be a virtue. In this course, we examine the nature of self deception, evaluate its ambiguous ethical status, and reflect on how these insights should affect the way that we live.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3700 - Philosophy of Religion

General

Course Description
Description: This course approaches religion as a phenomenon common to human experience. Religion is examined from the perspective of reason rather than revelation. Philosophy of religion is concerned with philosophical conceptions of deity, the truth claims of differing religions, of revelation, faith, and the problem of verification.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3800 - Aesthetics

General

Course Description
This course will examine questions such as What is art? What is beauty? What is the nature of aesthetic experience? What is an aesthetic object? What is the role of creativity in making and judging art? Can a work of art have more than one meaning? What is the role of the art critic? and Can art be immoral? We will examine the theories of philosophers and members of the art community from the time of Plato to the present day.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3880 - Philosophy of Film

General

Course Description
Philosophy of Film is a course in the aesthetics of film. The course is divided into four parts: (1) film aesthetics, focusing on aesthetics vocabulary and the aesthetic components of film; (2) film as art, focusing on art theory and the film artist; (3) film form, focusing on the mechanics and aesthetics of film form, on film genre, and on film theory; (4) film criticism, focusing on criticism, censorship, and critical film reviews.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI3930 - Selected Topics

General

Course Description
May be repeated for a total of 12 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
3

PHI3931 - East and West: Selected Topics

General

Course Description
This course in comparative philosophy examines a specific problem from both Western and Asian perspectives. One topic for each semester will be chosen; topics include freedom, action, the body, the self, and God. Contrasts discovered in different philosophical traditions will be used to identify unquestioned assumptions and formulate creative alternatives to problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

PHI3932 - Special Topics in Asian Thought and Practice

General

Course Description
Description: This is a special topics course in Asian Thought and Practice, as such the particular theme and content of the course will vary. The course will examine an important topic within the broader category of Asian Thought and Practice. Course topics may include but are not limited to Confucianism, Daoism, and Buddhism.
Repeatability: This course may be taken for a total of 12 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

PHI3934 - Selected Topics in Value Theory

General

Course Description
Description: This is a selected topics course in the field of Value Theory. Topics will vary by semester, and may include but are not limited to ethics, ethical theory, applied ethics, social and political philosophy, and aesthetics.
Repeatability: This course is repeatable for up to 12 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

PHI3939 - Selected Topics in Knowledge and Reality

General

Course Description
Description: This is a selected topics course in the field of Knowledge and Reality. Topics will vary by semester, and may include but are not limited to epistemology, metaphysics, philosophy of science, philosophy of mind, philosophy of history and social science, and philosophy of language.
Repeatability: This course may be repeated for up to 12 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

PHI3940 - Mindfulness and Meditation Practicum

General

Course Description
Description: This course introduces students to secular, evidence-based mindfulness and meditation practices, with guidance from a certified meditation instructor. Students will learn a variety of different techniques, their origins and contemporary uses, and be introduced to contemporary research about mindfulness and meditation practices.Repeatability: May be repeated for a maximum of 3 hours.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
2

PHI4220 - Philosophy of Language

General

Course Description
Description: The course explores the lasting significance of the linguistic turn in philosophy, including its different philosophical perspectives in analytic philosophy, speech act theory, semiotics and poststructuralism, and philosophical hermeneutics. Central questions include: What is the role of language for human consciousness and experience? How is linguistic meaning constituted, and what are its essential components? What is the basic structure of language, and how does it affect our access to reality? What is the relation between language and truth? What is the role of language and linguistic meaning for the constitution of culture, society, and politics? The course clarifies concepts like consciousness, meaning, reflexivity, truth, reference, normativity, and social practices through the philosophy of language.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI4420 - Philosophy of the Social Sciences

General

Course Description
Description: This course is an examination of the nature, foundations, and aims of the social sciences. Attention is given to differing accounts of human action, the nature of social explanation, the structure of comparative social analysis, and the conditions for societal evaluation. Special consideration is given to the relationship of the social sciences to the humanities and the natural sciences.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI4641 - Business Ethics

General

Course Description
Description: This course examines the theoretical foundations of business ethics as well as various ethical issues which arise on personal, corporate, national and global levels in the business world. The course will include: an examination of a philosophical context for business ethics; and exploration of relevant ethical and social-political theories; consideration and discussion of real-world business ethical issues. Readings and lectures will be complemented by class discussion and an ongoing focus on case studies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI4881 - Philosophy of Music

General

Course Description
Description: This course introduces students to the variety of philosophical perspectives that have enhanced our understanding of the phenomenon of music. The identity of "music" is explored in light of different cultural, social, and aesthetic contexts. We focus on the linguistic character of music as a symbol form, the source and nature of emotional experiences through music, the cultural and social contexts of music production and reception, and the normative question of how to evaluate musical products and performances. The course offers original insights into music, while teaching basic theoretical insights of linguistic, social-psychological, and cultural philosophy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI4905 - Directed Individual Study

General
Course Description
Prerequisite: PHI 3084Description: This course is a directed individual study in philosophy. Topics will vary by instructor. Repeatability: May be repeated for 12 credits under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

PHI4930 - Special Topics in Philosophy

General
Course Description
Description: This course covers topics of importance in philosophy. Course topic will vary by instructor.Repeatability: May be repeated up to 9 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

PHI4941 - Philosophy: Internship, Practicum, or Experiential Learning

General
Course Description
In this course, students will engage in experiential learning, internship, or other practicum opportunities relevant to the field of philosophy.

Credit Hours
Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
● **- Billing Hours**
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
8

PHI4970 - Senior Honors Thesis

General

Course Description
Prerequisite: PHI 3084Description: This course is for research and writing an Honors thesis, under the direction of a department advisor and committee. Repeatability: May be repeated for a maximum of 6 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

PHI5425 - Philosophy of Social Sciences

General

Course Description
This course is an examination of the nature, foundations, and aims of the social sciences. Attention is given to differing accounts of human action, the nature of social explanation, the structure of comparative social analysis, and the conditions for societal evaluation. Special consideration is given to the relationship of the social sciences to the humanities and the natural sciences.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI5675 - Moral Conflict

General

Course Description
Prerequisite: Admission to the MA in practical philosophy and applied ethics or admission to the grad certif. in applied ethics or permission of the philosophy grad coordinator
This course will examine both the philosophical and practical issues raised by (apparent) fact that values can come into conflict. We will examine potential tensions both within morality (between liberty and equality for instance) and between morality and other evaluative concerns (such as self-interest). Question to be considered include: do moral values necessarily harmonize with one another? Might the idea of all good things co-existing be conceptually incoherent? If one comes to think that moral values are inevitably in tension with one another, what philosophical and practical upshot should this have? How much, if at all, can moral theory help in resolving moral dilemmas? Does liberalism, as some have argued, embody the best form of socio-political response to the plural and conflicting nature of value?

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHI5677 - Ethical Issues in Public Health

General

Course Description
This course introduces students to moral issues in public health. Students will learn to recognize relevant moral issues and analyze them in light of basic ethical principles. Topics to be covered may include allocation of scarce health care resources, public vs. private health care funding, access to care, ethics and infectious disease control (STDs, HIV, TB), public health genetics (screening programs and individual testing/counseling), and research ethics in public health (e.g. experimenting on uninformed populations). Case analysis and group discussion will be emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI5769 - Ethics, Religion, and Global Discourse

General
Course Description
In this course students will examine intersections and interactions between ethics, religion, and global discourse. The course will explore a variety of theoretical approaches for studying ethical perspectives and practices and the role of religions within global communities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHI5934 - Selected Topics

General
Course Description
Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics OR admission to the Graduate Certificate in Applied Ethics OR permission of the Philosophy Graduate Coordinator.
Description: This course addresses variable topics in practical philosophy and applied ethics.
Repeatability: This course may be repeated for up to 9 credits.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
2

PHI6942 - Internship in Applied Ethics

General
Course Description
Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the Philosophy Graduate Coordinator.
Description: This course focuses on: (1) documented hours of work experience with ethics committees, compliance boards, or other appropriate opportunities; (2) a written report of the problems encountered and the solutions offered, with particular emphasis on the student's contributions; and (3) an oral defense of the report before a departmental committee.
Repeatability: This course may be repeated up to 15 credits with permission of the graduate coordinator.

Credit Hours
Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
9

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours
Operator:
TO

Number Of Repeats:
14

PHI6971 - Thesis

General

Course Description
Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the Philosophy Graduate Coordinator.
Description: This course focuses on research and writing. It may be repeated for up to 15 credit hours with permission from the graduate coordinator.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
9

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
9

Other Hours
Operator:
TO

Number Of Repeats:
14

PHM3020 - Philosophy of Love and Sex

General

Course Description
This course is an examination of contemporary views of love and sex as well as their roots in earlier philosophical conceptions. The course covers such topics as erotic love and the self, homosexuality and heterosexuality, non-erotic love, and the ways love, sex, and marriage may affect women and men differently.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM3050 - Ethical Issues in Death and Dying

General

Course Description
In this course, we take a philosophical approach to death and dying in order to understand and analyze some of the ethical, medical, psychological, and legal issues surrounding death and dying. Topics to be covered include whether life is always preferable to death, deciding how much control we should have over our own deaths, how much control (if any) advance directives should have in directing end-of-life treatments plans, how much money should be spent on expensive treatments which provide little benefit, the right of hospitals to decide when life prolonging treatment is futile, the moral obligation of doctors to tell their patients their prognosis, differential criteria for determining death, and whether one is allowed to bring about or assist in the death of another.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM3128 - Philosophy of Race and Racism

General

Course Description
Description: This course investigates race and racism from a philosophical perspective. As such it focuses on the metaphysics of race, critical analysis of core concepts pertaining to race and racism, and ethical evaluation of racism and race-related injustices. Central considerations include what race is; its social construction; the relationship between concepts of race and racism; the impact of race and racism on social, political theories and ideals; different kinds of ethical wrongs related to race and how best to address them; and racism and personal character.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM3304 - Political Philosophy

General

Course Description
An examination of central concepts in political thought, including rights, laws, justice, liberty, obligation, political sovereignty, legitimate authority and the nature of political community. Emphasis is on classical theories and their relation to contemporary issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM3361 - Philosophy of Democracy

General

Course Description
A philosophical exploration of the nature of democracy. Principal consideration is given to ancient Greek, classical modern and contemporary accounts of democratic theory. Themes in democratic theory are also examined as they pertain to notions such as constitutionalism, group representation, worker self-management, media politics, multiculturalism, feminism, and globalism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM3362 - Global Justice

General

Course Description
This course examines the phenomenon of globalization from a moral and ethical perspective. Questions include the following: What are universal human rights and how are they compatible with the diversity of cultural practices and traditions worldwide? What duties do we have to the global environment? What obligations, if any, do members of affluent countries have to address world hunger and poverty? What are the forms of governance appropriate to a globalized world? Is humanitarian military intervention in the internal affair of another country justifiable? Should we understand ourselves first and foremost as citizens of the world or as members of bounded communities?

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM3400 - Philosophy of Law

General

Course Description
Description: Focus is on such concepts as justice, rights, civil liberties, authority, responsibility and punishment. Attention is also given to the relation of law to psychiatry and to morality.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM4100 - Social Philosophy

General

Course Description
Description: This course is an advanced introduction to social philosophy. While most of philosophy focuses on ontological, transcendental, or otherwise universal categories, inhering either in being or the subject, social philosophers analyze the extent to which basic conditions and structures of experience are socially constituted or shaped. This involves a rethinking of rationality, agency, and freedom—even truth and meaning—as grounded in social structures or processes. The relation between social reality and normative issues like autonomy, rationality, and truth distinguishes social philosophy from sociology, while grounding normative issues in social processes differentiates social philosophy from other domains in philosophy. The course covers classic roots in Marx, Durkheim, and Weber, as well contemporary philosophers like Michel Foucault, Pierre Bourdieu, Jürgen Habermas, Anthony Giddens, and Judith Butler.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM4340 - Contemporary Political Philosophy

General

Course Description
Description: This course examines main trends in recent and current political philosophy. Emphasis is on contemporary philosophical treatments of concepts like rights, liberty, justice, equality, democracy, power, the state, and the political itself. These concepts are explored while examining (a) new theoretical developments like communitarianism, feminism, poststructuralism, hermeneutics, discourse and difference theory, and (b) current reformulations of such classical positions as utilitarianism, liberalism, socialism, and republicanism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHM5345 - Contemporary Political Philosophy

General

Course Description
This course examines main trends in recent and current political philosophy. Emphasis is on contemporary philosophical treatments of concepts like rights, liberty, justice, equality, democracy, power, the state, and the political itself. These concepts are explored while examining (a) new theoretical developments like communitarianism, feminism, poststructuralism, hermeneutics, discourse and difference theory, and (b) current reformulations of such classical positions as utilitarianism, liberalism, socialism, and republicanism.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHP3786 - Existentialism

General
Course Description
The course offers a systematic introduction into the major issues and ideas of Existentialist thought, drawing on both philosophical and literary works of Jaspers, Heidegger, Sartre, deBeauvior and Camus, among others. Topics include the definition of human nature, the relation to others, and the possibility of an Existentialist ethics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHP3790 - American Philosophy

General
Course Description
Description: This course is an introduction to the depth and variety of philosophical movements that have occurred in the Americas. While much of the course will focus on canonical philosophies and philosophers of the United States such as Henry David Thoreau, Charles Sanders Pierce, William James, and John Dewey, the course will also introduce students to Native and Latin American philosophers and philosophies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

PHT5005 - Foundations of Professional Practice and Clinical Education

General
Course Description
This course addresses trends and issues relevant to contemporary practice of physical therapy. Topics will include scope of legal/ethical practice; documentation of medical information; the variety of roles/work environments served by physical therapists; context of health care delivery; role of other health professionals; and areas of controversy within the profession. Major emphasis will be on increasing knowledge and skills in developing helping and healthy relationships and in communicating effectively with patients and others.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHT5257C - Clinical Skills

General

Course Description
Description: This course provides an introduction to clinical problem solving, physical assessment, posture screening and procedures of patient mobility. Basic evaluation tools and intervention strategies will be introduced. The course also emphasizes the importance of communication skills.
Course Fees: $135.13

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
1.5

Lab Hours

Lab Hours Min:
1.5

Number Of Repeats:
0

PHT5806 - Clinical Practicum

General

Course Description
Prerequisites: Successful completion in previous courses in the DPT curriculum
This course is designed to facilitate the integration of clinical skills taught in the academic setting, to allow students to observe and practice those skills in a clinical environment, and to assist students in developing a better understanding of the roles and responsibilities of the physical therapist in clinical settings.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PHT6070 - Imaging in Rehabilitation

General

Course Description
Description: The purpose of this medical imaging course is to provide the physical therapy clinical doctoral student with the tools needed to interpret and apply specialized medical imaging information for the rehabilitation patient. Musculoskeletal imaging is emphasized. This course strengthens physical therapist clinical expertise in comprehensive patient evaluation, diagnosis, treatment planning, and physician interaction.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

PHT6110C - Gross Anatomy for Physical Therapists

General

Course Description
Prerequisite: Admission to the Physical Therapy Program
This course will be a detailed study of the human body through lecture, laboratory presentations, and cadaver dissection using a regional approach. The primary focus of this course will be on gross anatomy and the relationships between the musculoskeletal, neurological, and vascular systems of the human body. The anatomy of the head and neck, viscera and pelvic floor will also be emphasized. In addition, the course will introduce the student to surface anatomy and normal radiological anatomy.
Course fees: $315

Credit Hours

Credit Hours:
6

Contact Hours

Contact Hours Min:
6

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
6

Lecture Hours

Lecture Hours Min:
4

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PHT6126C - Kinesiology

General

Course Description
Prerequisite: Admission to the Physical Therapy Program
This course will be an introduction of the understanding and examination human motion. The concepts and terminology from biomechanics and kinesiology will be used to explain human motion with an emphasis on the neuromuscular control of joint motion and muscle function. A regional approach to the body will explore extremity and trunk movements of functional activities such as walking, squatting, and reaching. Kinesiological and biomechanical concepts presented will be the foundation for physical therapy examination and intervention. (A laboratory fee of $25 will be assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHT6153C - Human Physiology

General

Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum
This foundational science course will present normal physiology of all the major body systems with emphasis on topics directly related to physical therapy. Basic molecular, genetic and biochemical principles will also be discussed when relevant to the practice of physical therapy. (A laboratory fee of $25 will be assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHT6161C - Clinical Neuroanatomy and Physiology

General

Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum.
This course provides and integrative, but concise study of the normal structure and function of the human central and peripheral nervous systems, as well as the pathophysiological mechanisms underlying nervous system dysfunction presented as clinical correlations. This study will provide students with a basis for physical therapy examination, evaluation, and intervention for patients with neurological involvement. Didactic presentations will be supplemented by laboratory sessions to increase understanding of the three dimensional anatomy of the central nervous system.
Course fees: $230

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)
⚫ - Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT6191C - Motor Control

General
Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum Basic neurophysiological and neuropsychological constructs regarding the function of the nervous system are explored. An in-depth review of the cellular level functions are provided. Analyses of normal systems are contrasted with abnormal systems. In depth review of theories and constructs of motor control and motor learning are provided. Particular emphasis is placed on the systems and mechanisms involved in human motor control, function and learning, assessment of the same, and the basis for diagnosis and treatment selection by physical therapists.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT6218C - Therapeutic Modalities

General
Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is designed to instruct physical therapy students in the underlying principles and clinical applications of thermal, electrical, and mechanical modalities. An emphasis will be placed on problem-solving skills and patient education using these modalities. The focus of laboratory sessions is to demonstrate safe and appropriate clinical application of thermal, electrical, and mechanical modalities. Use of these modalities to address the treatment of clinical symptoms including inflammation, muscle re-education, pain, and other dysfunctions will be discussed. A presentation with an emphasis on evidenced-based practice on a chosen modality will be required. Competencies for each modality must be successfully completed prior to both the written and practical examinations.(A laboratory fee of $15 assessed.)

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT6267C - Examination and Intervention

General
Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum This course is a study of basic physical therapy clinical skills related to recognition, examination, and intervention of disorders and injuries of the neuromusculoskeletal system. Foundational concepts and basic skills essential in the physical therapy management of clients will be introduced and applied consistent with the ICF and the Guide to Physical Therapy Practice. Emphasis of the course will be on Examination and Intervention with attention to additional components of patient management: Evaluation, Diagnosis, Prognosis and Outcomes. (A laboratory fee of $25 will be assessed.)

Credit Hours
Credit Hours:
5

Contact Hours
Contact Hours Min:
5

Billing Hours (Students)

⚫ - Billing Hours
Min:
5

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PHT6306 - Pathology-Pharmacology

General

Course Description
Description: This course will examine specific pathological conditions common to the practice of physical therapy, and will present current knowledge related to the pharmacokinetics and pharmacodynamics of common drugs related to the physical therapy patient management. Emphasis will be placed upon the determinants of how a specific dose of a drug will eventually reach target tissues and exert a response. Additionally, the course will explore influence of exercise, application of physical agents, and massage on normal pharmacokinetics. Underlying physiological alterations and the physical consequences of such alterations will be reviewed. Treatment rationale, in terms of medical management and physical therapy management, will also be discussed. Conditions covered in this course will cross the lifespan from infancy to advanced age. Although not the focus of this course, differential diagnosis will be an important topic.

Credit Hours

Credit Hours:
5

Contact Hours

Contact Hours Min:
5

Billing Hours (Students)

⚫ - Billing Hours
Min:
5

Lecture Hours

Lecture Hours Min:
5

PHT6314C - Neurology I: Pathology, Examination and Intervention

General

Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum.
Description: This course will examine specific pathological conditions common to the practice of physical therapy. Underlying physiological alterations and the physical consequences of such alterations will be reviewed. Treatment rational, in terms of medical management and physical therapy management, will also be discussed. Conditions covered in this course will cross the lifespan from infancy to advanced age. And, although not the focus of this course, differential diagnosis will be an important topic.
Course Fees: $76.97

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ - Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHT6318C - Orthopedic Physical Therapy I: Extremities

General

Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum.
Description: This course is an in-depth study in the recognition, examination, and intervention of disorders and injuries of the musculoskeletal system through the life span, with emphasis on the upper and lower extremities. A problem solving approach is followed with application of the disablement model and evidence-based practice in the management of impairments of the extremities and inclusion of the following elements of patient/client management: examination, evaluation, diagnosis, prognosis, and intervention. Lab sessions focus on specialized examination and intervention skills, including the performance of joint-specific special tests, joint mobilization techniques, orthotics, and impairment-specific therapeutic exercises.
Course Fees: $15

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)
⚫ - Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT6553C - Physical Therapy Resid: Applied Principles Clini Practice I

General
Course Description
Prerequisite: Enrollment into the Masters in Health -(Track: Orthopedic Physical Therapy) Program
This course is an advanced study into the clinical and professional expectations of a resident and expert clinician. The role of medical and diagnostic screening in the care and management of patients with neuromusculoskeletal disorders will be the emphasis of this course

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT6554C - Physical Therapy Resid: Applied Principles Clinical Pract II

General
Course Description
Prerequisite: Enrollment into the Masters in Health -(Track: Orthopedic Physical Therapy) Program
This course is an advanced study into the roles of a physical therapist as a clinician, a professional, a manager, a researcher, and an educator. Study of clinical skills will focus on models of clinical reasoning including evidence-based practice. Principles of professionalism and management will be applied in and professional environments. The role of clinical inquiry will be explored with application of principles of patient care. Educational theory will be studied with application to various teaching-learning settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT6606C - Foundations of Evidence-Based Practice

General
Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum
This course presents an introduction to principles of clinical inquiry, specifically related to the development of clinically related questions and the process of answering the developed questions. Students are encouraged to compose questions in the context of contemporary health care and physical therapy. Topics covered include critical thinking, the process of reviewing scientific literature, an introduction to information searching, discussion of reliability and validity and the processes of scientific documentation. An introduction to research designs, research methods, and basic data analysis will be explored as well as an overview of experimental and non-experimental research designs. Critique of the scientific literature with application of the literature in evidence-based practice will be an element of all future clinical management courses.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PHT6910 - Independent Study - Research

General

Course Description
Description: In this course the student will work with a faculty member on a research project. Activities may include searching the scientific literature, developing a research question, assisting in the IRB process, writing scholarly products and/or participating in scientific meetings/conferences. Only DPT Program Director can approve students registering for this course if they are not already enrolled in the Doctor of Physical Therapy program.
Repeatability: The course can be repeated for up to 3 credit hours.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
2

PHT6940C - Advanced Clinical Residency

General

Course Description
Prerequisite: PHT 6553C
This course is an internship experience in a specialized area of physical therapy. Experience in clinical settings will provide the student with an opportunity to apply the knowledge and skills acquired in the classroom to patients encountered in the clinic. Procedures and sequence of experiences will vary from student to student and will be determined by the nature of the patients available and the type of clinical setting. Under the direct supervision of a clinical instructor, students will advance their hands-on clinical skills and further develop their critical thinking abilities. Students will practice in accordance with the practice act of the state in which they are practicing and according to the policies and procedures of the individual facility where they are assigned.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
1

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PHT6941C - DPT 2A Clinical

General

Course Description
Prerequisite: PHT 5806
Description: This course targets a variety of clinical experiences based upon facility availability. Student assignments are individualized and based on the students: areas of clinical interest, academic performance, and prior clinical education experiences and clinical performance. Patients with orthopedic, musculoskeletal, neurological, and/or cardiopulmonary diagnosis may be encountered. Experiences in these settings will provide the student with an opportunity to apply the knowledge and skills acquired in the classroom to any patient referred to physical therapy. Under the direct supervision of a clinical instructor, the student will begin to advance their hands-on clinical skills and further develop their critical thinking abilities. Students will practice physical therapy in accordance with the practice act of the state in which they are practicing and according to the policies and procedures of the individual facility where they are assigned.

Credit Hours

Credit Hours:
5

Contact Hours

Contact Hours Min:
5

Billing Hours (Students)

⚫ - Billing Hours
Min:
5

Lab Hours

Lab Hours Min:
5

PHT6942C - DPT 2B Clinical

General

Course Description
Prerequisite: Successful completion of all previous DPT coursework
Description: This course targets a variety of clinical experiences based upon facility placement and patient population. Student assignments are individualized and based on the students' areas of clinical interest, academic performance, and prior clinical education experiences. Students may be placed in inpatient hospital or rehabilitation settings, outpatient clinics, skilled nursing facilities, school or home care settings and/or other specialty practices. Experiences in these settings will provide the student with an opportunity to apply the knowledge and skills acquired throughout the curriculum. Under the direct supervision of a clinical instructor, the student will begin to advance their hands-on clinical skills and further their critical thinking abilities. Students will practice in accordance with the American Physical Therapy Association Code of Guide to Physical Therapist Practice.

Credit Hours

Credit Hours:
5

Contact Hours

Contact Hours Min:
5

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
5

Lab Hours

Lab Hours Min:
5

PHT7009C - Differential Diagnosis

General

Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum.
Description: This course focuses on differential diagnosis and advanced clinical reasoning in physical therapy practice. Emphasis is on recognition of real and potential patient problems as a basis for screening and appropriate treatment and referral. Content includes systems review using case presentations of differential findings in relation to musculoskeletal pathologies. Other major topics include wound care, women's health, pharmacology, and psychology of pain. This is a capstone course, preparing students for practice in direct access environments.
Course Fees: $51.97

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHT7114 - Pelvic Health

General

Course Description
Prerequisite: Successful complete of all previous DPT courses.
Description: Students will obtain foundational and practical knowledge and skills in the treatment of patients with pelvic floor dysfunction. Instruction in pelvic floor muscle anatomy, physiology, normal and abnormal function form the foundation of this course. We will also use case studies to discuss the examination, evaluation, diagnosis and treatment of common pelvic floor diagnoses such as urinary incontinence, pelvic organ prolapse, and pelvic girdle pain. Psychomotor skills associated with the examination of a patient with pelvic floor dysfunction will also be performed. Students will engage in active learning strategies to facilitate necessary critically thinking and self-reflection skills necessary to succeed in physical therapy clinical practice.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PHT7183C - Orthopedic Physical Therapy II: Spine and Occupational Health

General

Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is an in-depth study related to examination and intervention of disorders and injuries of the musculoskeletal system with emphasis on the axial skeleton including temporomandibular joints. Course includes concepts of functional spinal units, interrelationship of group lesions on normal and dysfunctional biomechanics, therapeutic intervention outcomes, and current theories of spinal mechanics. Lab sessions focus on specialized examination and intervention skills, including spinal joint mobilization techniques. Students will gain skills related to the responsibilities and roles of physical therapists in addressing health-related issues within the community, particularly occupational health. Consultation with local industry with completion of an ergonomic analysis is a component of this course.(A laboratory fee of $25 assessed.)

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PHT7315C - Neurology II: Advanced Examination and Intervention

General

Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum This course includes current motor control and motor learning principles as applied to individuals with neurological disorders. Facilitation of improved motor function is a primary goal of this course. Students will learn the theories, philosophies of a variety of treatment strategies and be able to discuss and integrate the appropriate use of each strategy. This course will require the student to utilize information learned from previous and current course material to apply to clinical patient simulated scenarios. The application of critical thinking skills will be emphasized.
Course Fees: $25

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHT7328C - Lifespan: Pediatrics

General

Course Description
Description: This course is designed to provide the DPT student with an entry--level understanding of normal development and then expanded to the identification of abnormal development. The role of the PT in the patient--client management model in the pediatric practice settings will be explored to include: examination, evaluation, diagnosis, prognosis and plan of care for common pediatric conditions across different practice settings including neonatal intensive care units, rehabilitation programs, early intervention programs, and the educational system. Pediatric physical therapy tests and measures and procedural interventions will be explored in depth using the best available evidence from medical, developmental and behavioral science sources. Other topics of discussion reflect contemporary issues in the physical therapy management of children. Case studies will be utilized to emphasize problem solving, clinical decision--making, and evidence based practice in client management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

PHT7374C - Lifespan Geriatrics

General
Course Description
Description: In this course a comprehensive view of the geriatric physical therapy patient will be presented. To that end this course has two basic components: a psychosocial component and a physical therapy practice component. The psychosocial component will provide an in depth discussion of the demographics of the elderly in the United States, theories of aging, transition to old age, dementia, sexuality, and falls. It will also address the perceptions clinicians and society have on aging and the elderly. Ageism will be also be addressed in some depth. The physical therapy practice component of the course will address those medical conditions commonly found in the elderly that require physical therapy intervention. At the conclusion of the course, the student will be expected to be able to discuss the necessary current practice management strategies for geriatric physical therapy patients, taking into account the psychosocial and physical aspects of his/her geriatric patient.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

PHT7385C - Exercise Physiology/ Cardiopulmonary Physical Therapy

General
Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum. This course addresses exercise physiology principles as relate to normal and clinically compromised populations. Emphasis is evaluation and treatment skills for cardiopulmonary dysfunction. Exercise prescription for special populations is addressed. (A laboratory fee of $25 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT7551 - Leadership in Physical Therapy

General
Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum This course is designed to provide the student with the knowledge required for dealing successfully with the day-to-day demands physical therapists face or will face as they pursue their careers. The management and leadership principles presented are universal and applicable to multiple physical therapy practitioner settings. Key management and leadership concepts are related to physical therapy practice at both the organizational and clinical departmental level.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHT7608C - Research Application for EBP

General

Course Description
Prerequisite: PHT 6606C
Description: This course is designed to develop the skills for evidence-based practice for an entry-level DPT graduate. The goal of this course is to provide the entry-level DPT student with resources to independently obtain, analyze, synthesize and integrate trustworthy evidence into practice as educated consumers. The emphasis in this course is towards teaching the principles associated with the application of research using a series of class discussions and case analyses. Core curricular pillars of clinical reasoning with an emphasis on the ICF model, professionalism, and lifespan will be reinforced in this course.
Prerequisite: Successful completion of all previous courses in the DPT curriculum.

Credit Hours
Credit Hours:
2

Contact Hours
Contact Hours Min:
2

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
2

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT7741C - Spinal Cord Injuries and Prosthetics

General
Course Description
Prerequisite: Successful completion of previous courses in the DPT curriculum
Description: This course will have two units. Unit one will focus on the neuropathology, examination, evaluation, physical therapy diagnosis, prognosis and intervention of spinal cord injured persons. Medical/pharmacological management of the spinal cord injured person will be discussed. Laboratory sessions will focus on clinical treatment skills and techniques. A home evaluation assignment will be required. Group assignments will emphasize current literature. Unit two will focus on the pathology, examination, evaluation, physical therapy diagnosis, prognosis and intervention of patients with upper and lower limb amputations. Functional mobility training of patients with an amputation both with and without a prosthesis will be emphasized. A review of lower extremity biomechanics and gait training will also be part of this course.
Course Fees: $10

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT7773C - Ortho PT Residency: Advanced Management-Spine

General
Course Description
Prerequisite: PHT 6553C
This course is an in-depth study in the recognition, examination, and intervention of disorders and injuries of the musculoskeletal system with emphasis on the spine. Using a problem-solving approach, students will learn to apply evidence-based practice and functional models, including the following elements of patient/client management: examination, evaluation, diagnosis, prognosis, and intervention. Sessions focus on advanced examination and intervention skills, including the performance of joint-specific special tests, manual therapy techniques, orthotics, and impairment-specific therapeutic exercises. Clinical reasoning skills for the advanced orthopedic physical therapist
will be emphasized throughout the course.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
2

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHT7774C - Ortho PT Residency: Advanced Management-Lower Extremity

General

Course Description
Prerequisite: PHT 6553C
This course is an in-depth study in the recognition, examination, and intervention of disorders and injuries of the musculoskeletal system, with emphasis on the lower extremity. Using a problem-solving approach, students will learn to apply evidence-based practice and functional models, including the following elements of patient/client management: examination, evaluation, diagnosis, prognosis, and intervention. Sessions focus on advanced examination and intervention skills, including the performance of joint-specific special tests, manual therapy techniques, orthotics, and impairment-specific therapeutic exercises. Additionally, clinical reasoning skills will be emphasized throughout the course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHT7775C - Ortho PT Residency: Advanced Management-Upper Extremity

General

Course Description
Prerequisite:Enrollment into the Masters in Health -(Track: Orthopedic Physical Therapy) Program
This course is an in-depth study in the recognition, examination, and intervention of disorders and injuries of the musculoskeletal system, with emphasis on the upper extremity. Using a problem solving approach, students will learn to apply evidence-based practice and functional models, including the following elements of patient/client management: examination, evaluation, diagnosis, prognosis, and intervention. Sessions focus on advanced examination and intervention skills, including the performance of joint-specific special tests, manual therapy techniques, orthotics, and impairment-specific therapeutic exercises. Additionally, clinical reasoning skills will be emphasized throughout the course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHT7777 - Constructivism in Orthopaedic Physical Therapy

General

Course Description
Description: Students will participate in a collaborative learning experience from each other as well as content experts in the field of orthopaedic physical therapy. Curriculum will consist of comprehensive case based learning opportunities for the spine, upper and lower extremities. Students will engage in active learning strategies to critically think through problems presented in the case guided by content experts. They will be provided opportunities to progress in manual therapy skill acquisition. The student will also benefit from immersion in a collaborative learning experience similar to the clinical setting.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PHT7845 - Assistive Technology for Accessibility

General

Course Description
Description: This course is an experiential, service-learning course. DPT students will experience the unique opportunity of interacting with engineering students enrolled in EEL 4930/ EML 4930 learning to integrate engineering methods with rehabilitation principles to explore the design and development of adaptive and assistive devices that benefit people with developmental disabilities. Students will have real-world opportunities to work at the interface of people and technology, exposing them to challenging questions requiring complex interdisciplinary solutions. This course includes seminars where students will develop communication skills and a strong interaction with professionals in the community as well as pediatric clients and their families. Students will complete team-based projects that address problems faced by users of assistive technology in the community.
Repeatablity: Students may earn a maximum of 3 credit hours for this course.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
2

PHT7880C - Advanced Clinical Integration

General

Course Description
Prerequisite: PHT 6553C
This is a capstone course integrating the didactic and clinical information learned throughout earlier stages of the program. Emphasis will be on the integration of the various regions of the neuromusculoskeletal system and principles of advanced clinical practice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHT7936 - Advanced Seminar

General

Course Description
Description: This course will explore topics of interest within physical therapy specialty areas. Particular attention is given to topics related to applications in teaching, consultation, research, practice, and administration of physical therapy.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

PHT7943C - DPT 3A Clinical

General

Course Description
Prerequisite: PHT 6942C
Description: This course targets a variety of clinical experiences based upon facility placement and patient population. Student assignments are individualized and based on the students' areas of clinical interest, academic performance, and prior clinical education experiences and clinical performance. Students may be placed in inpatient hospital or rehabilitation settings, outpatient clinics, skilled nursing facilities, school or home care settings and/or other specialty practices. Experiences in these settings will provide the student with an opportunity to apply the knowledge and skills acquired throughout the curriculum to any patient referred to physical therapy. Under the direct supervision of a clinical instructor, the student will begin to advance their hands-on clinical skills and further develop

their critical thinking abilities. Students will practice in accordance with the American Physical Therapy Association Code of Ethics and Guide to Physical Therapist Practice.

Credit Hours
Credit Hours:
5

Contact Hours
Contact Hours Min:
5

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
5

Lab Hours
Lab Hours Min:
5

PHT7944C - DPT 3B Clinical

General
Course Description
Prerequisite: Successful completion of all previous DPT coursework
Description: This final clinical experience provides students with the opportunity to meet entry-level requirements to practice as a physical therapist.
Students continue to practice examination, evaluation, intervention, documentation, consultation and administrative skills under the supervision and guidance of a licensed physical therapist, but are
expected to function at the level of a new graduate by it's completion.
Student assignments are individualized and based on the students' areas of clinical interest, academic performance, prior clinical education experiences, and clinical performance. Students may be placed in inpatient hospital, rehabilitation settings, outpatient clinics, skilled nursing facilities, schools, home care settings and/or other specialty practices. Patients with orthopedic, musculoskeletal, neurological, and/or cardiopulmonary diagnosis may be encountered.

Credit Hours
Credit Hours:
5

Contact Hours
Contact Hours Min:
5

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
5

Lab Hours
Lab Hours Min:
5

PHY1020 - Discovering How Things Work

General
Course Description
Description: This course offers a comprehensive survey of physics, covering a wide range of topics including motion, newton's laws, energy, sound, heat, electricity, magnetism, and optics. Emphasizing a conceptual understanding of physics, the course integrates critical thinking skills and real-world applications. This course is not intended for students planning to major in science or engineering.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHY1020L - Discovering How Things Work Laboratory

General
Course Description
Co-requisite: PHY 1020
Description: This laboratory will explore fundamental concepts in physics and how these concepts can be used to understand the world around us. It is to be taken with PHY1020 as a co-requisite. Topics covered include force, energy, electricity, magnetism, and the structure of matter. The laboratory will emphasize conceptual understanding rather than mathematical problem solving. This laboratory is not intended for students planning to major in science or engineering.
Availability: This course is normally available Fall and Spring terms only.
Course Fees: $25

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHY1024 - Exploring Majoring in Physics

General

Course Description
Description: This course will introduce students to the exciting field of physics, especially current topics of interest in physics research at UNF and beyond. Students will be mentored on how to succeed in physics and the many opportunities available to physics majors before and after their graduation with a degree in physics.
Availability: This course is normally available Fall term only.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PHY1028 - Introduction to Physics

General

Course Description
Description: The lecture is to prepare STEM majors for the lower-level physics course sequences in both calculus-based and algebra-based physics. This course is an introduction to classical physics involving a study of motion, fundamental forces, conservation laws of energy and momentum, light waves, electricity and magnetism. An exposure to the philosophy of science and the scientific method forms an essential component of this course. This course cannot be used by natural sciences majors to satisfy degree requirements.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lecture Hours

Lecture Hours Min:
2

Number Of Repeats:
0

PHY1028L - Introduction to Physics Laboratory

General

Course Description
Co-requisite: PHY1028Description: This course explores the topics covered in the lecture course in a laboratory setting. This course focuses on student-driven experimental design and scientific thinking. This course is designed to allow students to explore physical phenomena and test relationships in part by self-inquiry. The skills acquired in this course can be applied in scientific and non-scientific industries. The laboratory exercises will involve topics such as kinematics of free fall and projectile motion, forces, laws of conservation of energy, optical laws of reflection and refraction, the behavior of lenses, and wave phenomena.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHY2042 - Physics for Engineers II

General

Course Description
Prerequisite: PHY 1041 and MAC 2311
Co-requisite: MAC 2312
Description: This course is only for Civil, Mechanical and Electrical Engineering declared majors. This course will enroll declared Civil, Mechanical and Electrical Engineering majors only. The course surveys fundamental laws and phenomena of electricity, DC and AC electronic circuits, magnetism and selected topics in optics. Emphasis will be placed on the mathematical analysis of physical problems using calculus. The problems will involve physics applications to engineering when possible.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHY2048C - Calculus-based Physics I

General

Course Description
Prerequisite: MAC2311 and PHY1028 (prior to Spring 2021 PHY1020 is acceptable)
Co-requisite: MAC 2312
Description: This calculus-based course serves as the first in a two-part series, covering topics like kinematics, dynamics, energy, momentum, rotational motion, fluid dynamics, oscillatory motion, and waves. Designed for science and engineering majors, the course integrates critical thinking, analytical skills, and real-world applications.
Course Fees: $25

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PHY2049 - Calculus-based Physics II

General

Course Description
Prerequisite: PHY2048C and MAC 2312
Description: This course is a continuation of PHY 2048 or PHY 2048C with emphasis on electricity, magnetism and light. This course will be three hours of lecture.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHY2049L - Calculus-based Physics II Lab

General

Course Description
Co-requisite: PHY 2049
or PHY 2042
Description: This course is the laboratory course that accompanies the PHY 2049 or PHY 2042 courses. This course will be three hours of laboratory.
Availability: This course is normally offered Fall and Spring terms only.
Course Fees: $25

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHY2053C - Algebra-based Physics I

General

Course Description
Prerequisites: Either (MAC 1105 and MAC 1114 and PHY 1028) OR (MAC 1147 and PHY 1028)
Description: This course is the first in a two-part series intended for non-physics majors, offering an algebra and trigonometry approach to topics such as kinematics, dynamics, energy, momentum, rotational motion, fluid dynamics, oscillatory motion, and waves. The course fosters analytical and critical thinking skills to promote a scientific understanding of the real world.
Course Fees: $25

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PHY2054C - Algebra-based Physics II

General

Course Description
Prerequisite: PHY 2053C
Description: This course is an introduction to electricity, magnetism, light and modern physics. Calculus is not required in this course.
Course Fees: $25

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0

PHY2464C - The Physics of Music

General

Course Description
Prerequisites:MAC1105 or MAC1101 or MAC1101C or MAC1105C AND MAC1114 or MAC1147
Description: This is a science course, that includes an integrated laboratory, designed for music majors. The course will cover the fundamental principles governing the physics of sounds, musical instruments, the human voice, the acoustics of rooms, electroacoustics, and electronic music technology. The lab component of the course will allow students to explore the subjects presented in the lecture through hands-on experiments. The course will often employ some elementary mathematics, including algebra and some simple trigonometry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
2

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHY2930 - Selected Topics in Physics

General

Course Description
Prerequisite: Permission of the instructor
Description: This course contains variable topics in physics that are appropriate for students in their freshman or sophomore years.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
11

PHY3101 - Modern Physics

General

Course Description
Prerequisite: PHY 2049
Co-requisite: MAC 2313
Description: This course will deal with fundamental developments in physics during the period from 1890 - present, which include relativity, atomic theory and structure, X-rays, the origin of quantum theory, radioactivity and nuclear reactions. This course will be three hours of lecture.
Availability: This course is normally offered Fall term only.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHY3101L - Modern Physics Laboratory

General

Course Description
Co-requisite: PHY 3101 or permission of instructor
Description: This course studies experiments that explore radiation and the atomic nature of matter, including the photoelectric effect, atomic emission and absorption spectroscopy, the Franck-Hertz experiment, electron spin resonance and nuclear radiation.
Availability: This course is normally offered Fall term only.
Course Fees: $25

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● **- Billing Hours Min:**
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHY3220 - Classical Mechanics

General

Course Description
Prerequisite: PHY 2049 and PHZ 3113C
Description: This course teaches how the principles of Newtonian mechanics are applied to the motion of particles and systems of particles, harmonic oscillators, noninertial reference systems, rigid-body motion, Lagrange's equations with applications and computational methods applied to mechanics. This course will be four hours of lecture.
Availability: This course is normally offered Spring term only.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

● **- Billing Hours Min:**
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

PHY3424C - Optics with Laboratory

General
Course Description
Prerequisite: PHY 2049 and MAC 2313
Description: This course is a study of geometrical and physical optics including an investigation of mirrors, lenses, optical instruments, interference, diffraction, polarization and computational methods applied to optics. The course consists of three hours lecture and three hours laboratory each week.
Availability: This course is normally available Fall term only.
Course Fees: $25

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
- Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHY3604 - Quantum Mechanics

General
Course Description
Prerequisite: PHY 3101 and PHZ 3113C
Description: This course is a single semester introduction to the theory of quantum mechanics, including its postulates, operators and eigenvalues, exactly soluble potentials, scattering, angular momentum, atomic structure, and other applications. This course will be three hours of lecture.
Availability: This course is normally offered Spring term only.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHY3722C - Electronics for Scientists

General
Course Description
Prerequisite: PHY 2049 and MAC 2312
Description: This is an introductory course in electronic design and circuitry with emphasis on common scientific instrumentation. This course is three hours of lecture.
Availability: This course is normally available Spring term only.
Course Fees: $25

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
- Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

PHY4320 - Electricity and Magnetism

General
Course Description
Prerequisite: PHZ 3113C
Description: This course is a study of electromagnetic phenomena; electrostatic potentials from Laplace's and Poisson's equations; effects of dielectric

and magnetic materials; magnetic fields and potentials; induced emf; Maxwell's equations; electromagnetic radiation and waves; and computational methods applied to electricity and magnetism. This course will be four hours of lecture.
Availability: This course is normally offered Fall term only.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

PHY4523 - Thermodynamics and Statistical Mechanics

General
Course Description
Prerequisite: PHY 3101 or CHM 4410C, and MAC 2313
Description: This course is an introduction to thermodynamics, statistical mechanics and kinetic theory, including ensembles and partition functions. This course will be three hours of lecture.
Availability: This course is normally offered Fall term only.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

PHY4610 - Applications of Quantum Mechanics

General
Course Description
Prerequisite: PHY 3604
Description: This course focuses on applications of quantum mechanics to topics of modern physics. Tools and concepts developed within PHY 3604 will be used in this course. Specific topics covered include, multi-particle systems, time-independent perturbation theory and its application to the fine-structure and hyperfine structure of atoms, scattering, time-dependent perturbation theory and its application to the absorption and emission of light, lasers, quantum entanglement and ideas of quantum computing. Computational tools will also be used to gain insights into the behavior of quantum systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHY4660 - Introduction to Quantum Field Theory

General
Course Description
Perequisite: PHZ 3113C
Co-requisite: PHY 3604
Description: This course is an introduction to quantum field theory. After a review of the relevant topics in quantum mechanics, the course will cover relativistic quantum mechanics, the Kline-Gordon equation, Dirac equation field theory, tensor fields, spinors, scattering matrices, Feynman diagrams, Mandelstam variables, and quantum electrodynamics. This course will be three hours of lecture.
Availability: This course is normally offered in alternating years.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PHY4802L - Advanced Physics Laboratory

General

Course Description
Prerequisite: PHY 3101L
Description: This course consists of experiments in condensed matter, nuclear and other areas of physics research, including computational physics and optical physics. This course will teach students how to use the computer to control experiments and obtain and analyze data. This course will be three hours of laboratory.
Availability: This course is normally available Spring term only.
Course Fee: $25

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHY4905 - Directed Independent Study in Physics

General

Course Description
Prerequisite: Permission of the instructorDescription: This course involves participation in research investigation under the supervision of an instructor.
Repeatability: This course may be repeated up to 12 hours for credit under different topics.Availability: This course is normally offered Summer, Fall and Spring terms.

Credit Hours

Credit Hours:
0

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
0

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
3

PHY4910 - Physics Research and Seminar 1

General

Course Description
Prerequisite: PHY 3101L Description: This course involves projects in experimental, theoretical, or computational physics conducted in collaboration with physics faculty. This course requires an oral and written research report.
Availability: This course is normally offered every term.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Other Hours

Other Hours Min:
1

Number Of Repeats:
0

PHY4911 - Physics Research and Seminar 2

General

Course Description
Prerequisite: PHY4910 Physics Research and Seminar 1Description: This course is a continuation of PHY4910 Physics Research and Seminar 1. This course involves projects in experimental, theoretical, or computational physics conducted in collaboration with physics faculty. This course requires an oral and written research report.Availability: This course is normally offered every term.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

PHY4930 - Selected Topics in Physics

General
Course Description
Prerequisite: Permission of the instructor
Description: This course involves the applications of physics to topics of interest, especially to recent advances in physics.
Repeatability: This course may be repeated up to 12 hours for credit under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours Operator:
TO

Number Of Repeats:
2

PHY4940 - Physics Internship

General
Course Description
Prerequisite: Junior or Senior physics major standing with a minimum GPA of 3.0; permission of the chairperson of the Department of Physics Co-requisite: PHY 3101 and PHY 3101LDescription: This course provides junior and senior year physics majors hands-on experience involving the following kinds of work: scientific research, engineering research and development, medical physics, laboratory, scientific and/or engineering related problem-solving, scientific and/or engineering related computer programming, environmental physics, astrophysics and other physics related work in a research laboratory outside of UNF or in a company environment.Availability: This course is normally available Summer, Fall and Spring terms.

Credit Hours
Credit Hours:
0

Credit Hours Max:
15

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
0

Contact Hours Max:
15

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
15

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
0

Other Hours Max:
15

Other Hours Operator:
TO

Number Of Repeats:
0

PHY4970 - Directed Independent Study-Honors in Physics Thesis

General

Course Description
Prerequisite: Permission of the instructor
Description: This course is for students who wish to conduct independent research in physics with a faculty mentor. This course must be completed with an Honors Thesis and culminates in graduating with the designation of Honors in Physics.
Repeatability: This course may be repeated for up to 12 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
12

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
12

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
12

Other Hours Operator:
TO

Number Of Repeats:
3

PHZ3113C - Mathematical Physics

General

Course Description
Prerequisites: PHY 2049 and MAC 2313Description: This course is an application of mathematical methods to physics in areas including vector analysis, matrices and group theory, complex analysis, Fourier series and transforms, special functions, and boundary-value problems. The laboratory will focus on computational techniques and applications. This course will be three credit hours of lecture and one credit hour of laboratory.Availability: This course is normally offered Fall term only

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

PHZ4160 - Advanced Topics in Physics

General

Course Description
Prerequisite: PHY 3220, PHY 3320, and PHY 4604
Description: This course is a study of advanced topics in classical mechanics, electricity and magnetism, and quantum mechanics. The course is intended primarily for those physics majors who plan to attend graduate school in physics. This course will be four hours of lecture.
Availability: This course is normally offered on demand only.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

PHZ4303 - Nuclear Physics

General

Course Description
Prerequisite: PHY 3101
Description: This course is an introductory course emphasizing nuclear structure, radioactivity, radiation detection methods, and nuclear reactions, and applications. This course will be three hours of lecture.
Availability: This course is normally offered alternate years only.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PHZ4404 - Solid State Physics

General
Course Description
Prerequisite: PHY 3101
Description: This course is a study of the electrical, mechanical, optical and thermal properties of solids, and selected applications. This course will be three hours of lecture.
Availability: This course is normally offered alternate years.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS2041 - Introduction to American Government

General
Course Description
In this course, students will investigate how the national government is structured and how the American constitutional republic operates. it covers the philosophical and historical foundations of American government, including but not limited to the Declaration of Independence, the United States Constitution and all its amendments, and the Federalist Papers. The course examines the branches of government and the government's laws, policies, and programs. It also examines the ways in which citizens participate in their government and ways their government responds to citizens.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS3114 - Issues in State and Local Government

General
Course Description
Analysis of the structure, functions and processes of subnational governments in American state government, city government, metropolitan authorities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS3142 - Politics and Policy in Urban Government

General

Course Description
This course examines urban governments from the perspective of policy outcomes as a result of the form of political organization. Various distributions of power have been theorized at the municipal level-elitism, pluralism, and regime theory to name a few. Each of these forms of political organization may result in particular outcomes in terms of policy formulation, resource allocation, and service delivery, each with significant consequences for public officials, citizens, and other stakeholders.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

POS3413 - The American Presidency

General
Course Description
Prerequisite: POS 2041 or consent of instructor. This course examines the constitutional role of the executive branch and the President's profound influence on domestic and foreign policy. Presidential powers and behavior are analyzed in the context of legal, electoral, personal and other forces that shape and limit presidential actions. Executive functions at the subnational level may also be considered.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS3424 - Congress and the Legislative Process

General
Course Description
This course is designed to examine thoroughly the constitutional role of the legislative branch of the United States Government. It provides information on the procedures and personalities of the Senate and House and displays the central place of Congress in shaping domestic and foreign policy within a federal democratic system.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS3444 - Parties, Campaigns and Elections

General
Course Description
This course examines the development of the American party system and the relationship of mass parties, elections and governance. The effects of party and campaign organization and leadership on elections are considered, as well as the role of parties in models of voting choice and the theory of critical elections.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS3606 - The U.S. Supreme Court

General

Course Description
Prerequisite: POS 2041 or consent of instructor.
This course examines the history, organization, and current procedures of the U.S. Supreme Court and explores its role in formulating public policy through judicial decision making.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POS3615 - Judicial Politics

General

Course Description
Description: This course examines the unique characteristics of the judicial process, contrasts those characteristics with those found in the legislative and executive processes, and explores how the process of judicial decision-making influences what courts do and the power they wield, as well as the factors that influence judicial behavior.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POS3625 - The First Amendment

General

Course Description
This course examines the constitutional protections of speech, press, assembly, petition, and religion found in the First Amendment, as interpreted by the Supreme Court through its case law, including contemporary controversies over the limits of free speech, time, place, and manner restrictions, hate speech, religious establishment and free exercise, prior restraint, and freedom of association.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POS3642 - Election Law

General

Course Description
Description: This course examines the law of elections in the United States, as well as the intersection of election law with politics and policy. Major themes of the course include the design of electoral maps, the protection of voting rights, political parties and state action, money in politics, the administration of elections, and federalism in election law.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POS3653 - Legal Research and Analysis

General

Course Description
Description: This course provides an introduction to legal research and analysis through the study of the United States legal system. Topics covered include sources of law; rule based reasoning; legal terminology; analysis and use of judicial decisions and statutes; and legal reasoning and argument.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POS3654 - Legal Ethics, Standards, and Values

General

Course Description
Description: The goal of this course is to introduce the student to the ethical aspects of the legal profession and to present an opportunity for students to explore and understand how these ethical obligations influence every aspect of an attorney's profession. Students will explore the ethical obligations that attorneys have to the Court, to fellow colleagues, and to their present and former clients.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POS3679 - Mock Trial

General

Course Description
Prerequisite: Consent of instructor. This course introduces the student to the various aspects of the American Jury trial process. Class participation in various roles in the trial process is required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POS3683 - Law and Cinema

General

Course Description
The course in law and the cinema is intended to deepen and enrich the students' understanding of both law and the cinema and the many ways in which they influence each other. This course focuses on legal history, practice and ethical issues, and how the cinematic portrayal of the legal system influences the way law is actually practiced. How law and the legal system is portrayed in the motion picture industry, in particular, creates images and perceptions that may vary, to some degree, from the reality of the life of the law.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS3691 - The American Legal System

General
Course Description
Broad examination of the structure and operation of the U.S. legal system. Includes brief consideration of the other legal systems; the roles of the legal profession, U.S. Supreme Court, legislatures, and executive agencies; and analysis of the common law case approach to dispute resolution.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS3733 - Research Design for Political Scientists

General
Course Description
Description: This is the first course in our two-course research sequence and is required for all Political Science majors. This course will introduce students to the basic principles of research design and scientific research, from the development of an idea or research question, creation of hypotheses, writing of a literature review and writing a research proposal. We will explore a wide range of methods, including experiments, natural experiments, quasi-experiments, measurement using empirical data, and qualitative case studies. The readings combine textbook explanations of the methods with examples of how they are put into practice. Through a set of assignments, students will be asked to begin the process of conducting their own independent research concluding in the submission of a research proposal that will be the foundation for the second course in this research sequence.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

POS3734 - Research Analysis for Political Scientists

General
Course Description
Prerequisite: POS 3733Description: This course introduces students to research methods in political science using empirical data. The course will emphasize basic statistical techniques used in empirical data analysis to include measures of central tendency and dispersion, cross-tabulations, mean comparison, analysis of variance, correlation, and linear regression. By the end of the course students will be required to use the knowledge obtained in from both research methods courses in this sequence to develop an original research paper, including original data analyses, which may be presented at an undergraduate conference.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

POS3931 - Special Topics in Politics

General
Course Description
Prerequisite: POS 2041 or consent of instructor. This course explores selected major political issues of the day. May be repeated up to 12 hours for credit under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

POS4033 - Political Psychology

General
Course Description
Prerequisite: POS 2041 or CPO 2002 or INR 2002 or by consent of instructor. Description: This course examines the role of human psychology in politics and political decision-making, explores the psychological origins of citizens' political beliefs and actions, and analyzes the sources of public opinion and voting behavior through the application of psychological theories about personality, learning, cognition, emotion, social influence, and group dynamics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS4038 - Climate Change Policy and Environmental Security

General
Course Description
The world is changing. Since the dawn of the Industrial Age in the 18th Century, history has advanced at an accelerated pace and human development has been linked to rapid increases in energy use and technology development. This course explores the environmental, public policy, and national security consequences of climate change. It guides students through key developments, beginning with a historical review of energy since the dawn of the Industrial Age, to the complex choices that face societies and policymakers today. Conflict, natural disasters, migration flows, humanitarian crises, agricultural disruption, new weather patterns – all present challenges to this generation and those that will follow.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS4608 - Constitutional Law I: Powers and Constraints

General
Course Description
Description: This course examines the development of constitutional doctrine as it applies to judicial review, the powers of president and congress, federalism, and courses of regulatory authority.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS4624 - Constitutional Law II: Civil Rights and Civil Liberties

General

Course Description
Description: This course examines the development of constitutional doctrine as it applies to individual liberties and rights including those found in the Bill of rights and those applied to the states through the Equal Protection and Due Process clauses found in the fourteenth amendment.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS4641 - Administrative Law

General
Course Description
This course examines the origins and meanings of administrative law, the modern constitutional and statutory authority of government agencies, theories of informality and formality in administrative law and the role played by information, administrative hearings and rulemaking procedures, the enforcement of administrative policy, and the role of the courts through judicial review.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS4750 - Survey Research

General
Course Description
Prerequisite: POS 3733Description: This course is designed to introduce students to polling and public opinion research. Public opinion is vital to the political world and our democracy. This course aims to produce graduates that are not only intelligent consumers of survey data but competent in the analysis of data. Data analysis skills are incredibly valuable in the workforce and providing our graduates with this tool will add to their value as job seekers after graduation.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

POS4905 - Directed Individual Study

General
Course Description
Prerequisite: Completion of all core and field requirements, 3.0 grade point average in all political science courses, and permission of academic and career advisor.Description: Supervised readings and/or research, coupled with presentation of a high-quality paper on a topic of interest to the student. Repeatability: This course may be repeated up to 12 credits under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
11

POS4932 - Special Topics in Political Science and Public Administration

General

Course Description
Prerequisite: POS 2041 or consent of instructor. Exploration of topics of enduring or emerging significance in political science or public administration. May be repeated up to 9 hours for credit under different topics.

Credit Hours

Credit Hours:
2

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
2

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
2

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
2

POS4945 - Internship/Field Experience

General

Course Description
Prerequisite: Consent of instructor. Description: This course provides a supervised internship or research field experience within the discipline of political science.Repeatability: This course may be repearted for up to 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

POS6158 - Politics and Policy in Local Government

General

Course Description
The course examines the political power structures of local governments and the related policy outcomes in terms of resource allocation and service delivery. The material also focuses on the consequences of these issues for public administrators.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POT3003 - Political Thought and Action

General

Course Description
This course considers concepts of political thought and action derived from such classical thinkers as Plato, St. Augustine, Hobbes, Locke, Rousseau and Hegel, as well as from readings in the modern traditions of liberalism, conservatism and socialism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

POT4314 - Democratic Theory

General

Course Description
Democracy is a means of making decisions both within government and about governance. This course takes a critical look at democracy both as a process and a form of government. Democracy is compared and contrasted with other forms of governance and various forms of democracy, e.g., direct and representative are considered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PPE4003 - Theories of Personality

General

Course Description
Prerequisite: PSY 2012
Description: This course attempts to develop an understanding of theories of personality structure and dynamics, from Freud to the present, in order to assist in the analysis of behavior.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

PPE6466 - Advanced Personality Theories

General

Course Description
Prerequisite: Prerequisite: PPE 4004 or CLP 4143 plus admission to the Master of Science in Psychological Science program or permission of the instructor.
Description: This course represents a survey of the major issues (e.g., cross-situational vs. situational specificity of behavior), "grand" theories (e.g., psychoanalytic), and experimental approaches (e.g., focus of control in personality) regarding personality theories and includes content that provides a knowledge base relevant to counseling.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSB3002 - Behavioral Neuroscience

General

Course Description
Prerequisite: Human Anatomy and Physiology, Zoology or General Biology with laboratory
Description: This course addresses the examination of the biological bases of behavior. An initial coverage of the neural and endocrine systems is followed by an investigation of the role of these systems in sensory, motivational, emotional and learning processes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

PSB4113 - Principles of Biofeedback

General

Course Description
Description: An in-depth discussion of the major modes of biofeedback, including electromyographic and thermal feedback are presented. This course will introduce students to the advantages, disadvantages, safety precautions, ethics and major applications of biofeedback.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSB4434 - Neuropharmacology

General

Course Description
Prerequisite: PSB3002
Description: In this course we will discover how psychoactive drugs alter neurotransmission and, thereby, human perception, cognition, emotion, and behavior. After reviewing principles of pharmacology and the structure and function of the human nervous system, we'll study the specific pharmacological mechanisms and behavioral effects of different legal and illegal drugs including alcohol, nicotine, caffeine, cocaine, marijuana, methamphetamines, opiates, hallucinogens, antidepressants, anxiolytics, and antipsychotics. We'll discover how drug use changes the brain and consider how we should understand and treat addiction disorders.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSB4930 - Advanced Topics in Behavioral Neuroscience

General

Course Description
Prerequisite:PSB3002
Description: This course provides advanced undergraduate students with an opportunity to explore, in depth, a variety of contemporary topics in behavioral neuroscience. This course is repeatable with different topics for up to nine credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

PSB6031 - Advanced Biopsychology

General

Course Description
Prerequisite: Consent of instructor
Description: This graduate level course provides an in-depth exploration of the biological underpinnings of behavior. The course will cover current topics in neuroscience, psychopharmacology, psychophysiology, and behavioral medicine.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSB6435 - Neuropharmacology

General

Course Description
Prerequisite: PSB6031
Description: In this course we will discover how psychoactive drugs alter neurotransmission and, thereby, human perception, cognition, emotion, and behavior. After reviewing principles of pharmacology and the structure and function of the human nervous system, we'll study the specific pharmacological mechanisms and behavioral effects of different legal and illegal drugs including alcohol, nicotine, caffeine, cocaine, marijuana, methamphetamines, opiates, hallucinogens, antidepressants, anxiolytics, and antipsychotics. We'll discover how drug use changes the brain and consider how we should understand and treat addiction disorders.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSB6930 - Advanced Topics in Behavioral Neuroscience

General

Course Description
Prerequisite: PSB3002
Description: This course provides graduate students with an opportunity to study a variety of contemporary topics in behavioral neuroscience. In addition to topics chosen by the instructor, students will explore the neurological foundations of the specific behaviors they study. This course is repeatable with different topics for up to nine credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

PSC4905 - Directed Independent Study

General

Course Description
Prerequisite: Permission of the instructor
Description: This course involves variable topics as related to recent advances in physics.
Repeatability: This course may be repeated up to 12 credits with different topics.

Credit Hours

Credit Hours:
2

Credit Hours Max:
4

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
4

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
2

Billing Hours Max:
4

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
2

Other Hours Max:
4

Other Hours Operator:
TO

Number Of Repeats:
2

PSY2012 - Introduction to Psychology

General

Course Description
In this course, students will gain an introduction to the scientific study of human behavior and mental processes. topics may be drawn from historical and current perspectives in psychology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSY2930 - Special Topics

General

Course Description
Description: This course allows students to explore topics of current importance in psychology. Topics will vary from semester to semester. May be taken by majors and non-majors.
Repeatability: May be repeated up to 12 credits

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

PSY3021 - Professional Opportunities in Psychology Seminar

General

Course Description
Prerequisite: PSY 2012Description: This course provides a broad overview of educational and professional issues that are of relevance to students majoring, or considering a major, in psychology, including an overview of career options in the field of psychology. The course utilizes a mixture of seminar and lecture format.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

- Billing Hours
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

PSY3213 - Research Methods in Psychology

General

Course Description
Prerequisite: STA 2014
Description: This course provides an understanding of the philosophy of science and psychology as a branch of science, enhances critical thinking and logical inference and elaborates basic research methodologies in psychology. Ethical principles in research also are covered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSY3213L - Research Methods Lab

General

Course Description
Prerequisite: PSY 3213Co-requisite: PSY 3213Description: This course provides psychology majors with basic experience in using computers to conduct statistical data analysis and literature searches. Previous experience with computers is helpful but not required.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

PSY3810 - Evolutionary Psychology

General

Course Description
Description: Evolutionary Psychology is intended to provide a basic review of the physical, behavioral, and cognitive processes that may have evolved from naturally occurring biological forces, including social selection pressures, throughout human evolutionary history. The course focuses on research-based knowledge and application of evolutionary principles. Course topics include the form and function of human consciousness, interpersonal behaviors, and major bodily systems, including stress reactivity, emotionality, masculinity/femininity, culture, mate preferences, and social development.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSY3832 - Psychology of Sport

General

Course Description
Description: This course examines psychological theories and research related to sport participation and performance. This course is designed to introduce the field of sport psychology by providing a broad overview of the major topics in the area, such as performance enhancement, motivation, group processes, stress, and leadership.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PSY3911 - Supervised Research

General
Course Description
Prerequisite: PSY 3213Description: Credit is earned by working with a faculty member in a supervised setting on one or more psychological research projects. This may include laboratory research, data analysis, field experience, and library research. No more than three hours may be counted as part of the degree program. Grading for this course is on a pass/fail basis.Repeatability: This course may be repeated for up to 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
- Billing Hours Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

PSY4302C - Psychological Testing

General
Course Description
Prerequisite: PSY 3213 and PSY 3213L; CLP 4143 or DEP 3054 or PPE 4003Description: This course is an introduction to the development, interpretation, and uses of psychological tests and to the value and potential dangers inherent in their applications. Statistical and psychological concepts necessary for the interpretation of test scores are emphasized.Course Fees: $20

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
- Billing Hours Min:
4

Lecture Hours
Lecture Hours Min:
4

PSY4604 - History of Psychology

General
Course Description
Prerequisite: PSY 2012 or equivalent, junior or senior status, permission of instructor
Description: This course offers an overview of the historical roots of psychology. Major conceptual developments since psychology became a distinct science are covered, as are the key figures in the history of the discipline.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
- Billing Hours Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PSY4774 - Close Relationships

General
Course Description
Prerequisite: PSY 2012
Description: This course provides a broad introduction to topics (e.g., intimacy, attraction, interdependency, love, jealousy) and findings in relationship science. It does so using psychological theory and research to examine the processes (e.g., social cognition, communication, conflict management-mismanagement) involved in close relationships (i.e., friendships, romantic relationships, marriages).

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PSY4870 - Conservation Psychology

General
Course Description
Prerequisite: PSY 3213
Description: This course will center on the relationship between human behavior and the natural environment. Students will gain familiarity with the theories that have been applied to understanding conservation behavior through text readings and journal articles. Students will learn how to apply these theories to design interventions to increase conservation behavior.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PSY4904 - (GW) Honors Research

General
Course Description
Prerequisite: Admission to the Honors in Psychology Program, PSY 3214, and one experimental courseDescription: The course provides a vehicle for students to work closely with a sponsoring faculty member on an individually supervised research project. Students must enroll for six hours total, which will usually be spread over two semesters. Gordon Rule Additional Writing credit.Repeatability: This course may be taken for a total of 6 credit hours.

Credit Hours
Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

PSY4906 - Directed Individual Study

General
Course Description
Prerequisite: Fifteen core hours in psychologyDescription: This Directed Individual Study may be repeated up to 12 credits under different topics but only 3 credits may be counted as a part of the degree program.Repeatability: This Directed Individual Study may be repeated up to 12 credits.

Credit Hours
Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
3

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours
Operator:
TO

Number Of Repeats:
3

PSY4931 - Seminar

General

Course Description
Prerequisite: Fifteen core hours in psychology
Description: This Seminar may be repeated up to 12 credits but only 3 credits may be counted as a part of the degree program.
Repeatability: This Seminar may be repeated up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours
Operator:
TO

Number Of Repeats:
3

PSY4935 - Special Topics in Psychology

General

Course Description
Description: This course provides a way to explore topics of current importance in psychology. Topics may be initiated by faculty and/or students in consultation with the department chairperson. This course may be taken by non-majors.
Repeatability: This course may be repeated up to 12 credits but only 4 credits can be counted as part of the degree program.

Credit Hours

Credit Hours:
1

Credit Hours Max:
4

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
4

Contact Hours
Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours
Min:
1

Billing Hours Max:
4

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
4

Lecture Hours
Operator:
TO

Number Of Repeats:
3

PSY4945 - Practicum in Applied Psychology

General

Course Description
Description: This practicum involves placement in a community setting reflecting the student's main area of job orientation with supervision by faculty. This course may be repeated up to 12 credits but only 3 credits may be counted as a part of the degree program. For each hour of credit, at least four hours per week during the semester must be spent in practicum.Repeatability: This course may be repeated up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

PSY4956 - Study Abroad in Psychology

General

Course Description
Description: Studying psychology while immersed in another culture gives students the opportunity to enrich their understanding of psychological concepts by experiencing them from other perspectives. While studying abroad, students will integrate their own classroom learning in psychology with exposure to a different culture's history, geography, and norms.Repeatability: May be repeated for a maximum of 9 hours.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours

Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
9

Lecture Hours Operator:
TO

Number Of Repeats:
8

PSY6214 - Research Design and Analysis I

General

Course Description
Prerequisite: PSY 3213 and STA 2014 or STA 2023
Description: The course involves the study of the research design and statistical analysis in psychology.
Emphasis is placed on issues concerning the choice of basic to intermediate research designs and the appropriate use and interpretation of basic to intermediate statistical analyses. Nonparametric tests, basic to intermediate parametric tests, analyses addressing measurement of psychological constructs, and complex graphical display of data are explored. The course includes learning the effective use of computerized statistical packages.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSY6217 - Research Design and Analysis II

General

Course Description
Prerequisite: PSY 6214 or STA 5126 or permission of instructor
Description: This course involves further study of the design and analysis of psychological research. Emphasis is on issues concerning the choice of appropriate designs for implementation of research and statistics for analysis. Both experimental and correlational designs are explored and students are introduced to the use of computerized statistical packages.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSY6607 - Current and Future Directions in Psychology

General

Course Description
This course will provide students a foundational understanding of the history of systems and structures related to the work of psychological scientists. Specifically, we will look at issues related to generalizability, representation of people within the psychological sciences, dissemination of research, and the ethics surrounding these issues. This seminar will help students critically analyze theories and apply theories to their own work in the field.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSY6908 - Directed Individual Study

General

Course Description
Prerequisite: Permission of the departmental chairpersonDescription: This course may be repeated up to 12 credits under different topics.Repeatability: This course may be repeated up to 12 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

PSY6910 - Supervised Research

General

Course Description
Prerequisite: Prerequisite: Admission to the Master of Science in Psychological Science program or permission of the instructor.Description: This course involves intensive experience in design, implementation, analysis, and writing. A minimum of nine hours per week of research involvement under faculty supervision is required.Repeatability: This course may be repeated for a total of 6 credits.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

PSY6931 - Special Topics

General

Course Description
Prerequisite: Admission to the Master of Science in Psychological Science program.
Description: This course will explore topics of current importance in psychology. Topics may be initiated by faculty and/or students in consultation with the department chairperson. No more than three hours may be counted as part of the MACP or MAGP programs.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
0

PSY6932 - St:Seminar in Psychological Science

General

Course Description
Prerequisite: Consent of the Instructor
Description: This specialty course presents students with in-depth understanding in a specific area of expertise or interest. The course content may be oriented toward theory, research, and/or practical application of psychological skills.
Repeatability: This course may be repeated once for a total of 6 credit hours.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

PSY6936 - Seminar on Discrimination, Marginalization, and Racism

General

Course Description
This course will help students dismantle systems and structures related to the work of psychological researchers that perpetuate racism, discrimination, and marginalization by providing a foundational understanding of the history of such within the field. This seminar will also help students develop a justice-oriented worldview that promotes critical analysis of empirical theories and literature and requires action and application of this worldview within their own work in the field.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PSY6937 - Colloquium in Psychological Research

General

Course Description
Prerequisite: Admission to the Master of Science in Psychological Science program or permission of the instructor.Description: This course represents an ongoing colloquium series, intended for graduate students in psychology, that involves the presentation and discussion of research initiatives by faculty and graduate students. The grading system is Pass/Fail.Repeatability: This course may be repeated for a total of 4 credits.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
3

PSY6971 - Thesis A

General

Course Description
Prerequisite: PSY 6910 and PSY 6214Description: In this course, the students will begin the process of developing their thesis under the advisement of their thesis advisor and/or thesis committee members. This course involves developing a literature review and writing research objectives. It also includes the identification of suitable testing materials and instruments relevant to the thesis topic.Repeatability: May be repeated for a maximum of 6 hours.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

PSY6972 - Thesis B

General

Course Description
Prerequisite: PSY 6971 Description: In this course, the students will begin the data collection and analysis phase of their thesis under the advisement of their thesis advisor. This course involves understanding and applying techniques of research design and analysis.May be repeated for a maximum of 6 hours.

Credit Hours

Credit Hours:
0

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
0

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
0

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
0

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

PSY6973 - Thesis C

General

Course Description
Prerequisite: PSY 6972Description: In this course, the students will begin the data collection and analysis phase of their thesis under the advisement of their thesis advisor and/or thesis committee. This course involves understanding, applying, and communicating techniques of research design and analysis. Students must complete at least 3 hours of Thesis C. For students who do not complete their Thesis project after the minimum 3 credit hours of Thesis C, this course may be repeated in one hour increments for a total of six hours. Continual enrollment in Thesis C (summer exempted) is required until the Thesis project has been completed.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours Min:**
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
5

PUP2312 - Race/Gender/Political

General

Course Description
This course introduces students to the struggle of minorities and women to participate in the formation of public policy in the United States.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PUP3603 - Medical Politics and Policy

General

Course Description
Prerequisite: POS 2041The course will provide an understanding of the structure of the political process in medical policy making. It will focus upon the US but will provide comparisons with other countries. The political roles of the legislature, executive and judicial branches of government in medical policy will be examined as well as the political roles that health professional assume in the community. Major actors in medical policy are identified within the context of the forces and institutions that they react to in shaping medical policy. The course will examine why the practice of medicine has been "criminalized" in the pursuit of fraud, abuse and drug diversion.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PUP4003 - The Policy-Making Process

General

Course Description
Study of the legislative, executive, judicial and interest-group relationships in the making and administration of public policy in the USA.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

PUP6006 - Program Evaluation for Public and Nonprofit Management

General

Course Description
Program evaluation is the collective term for a set of methodological tools and approaches that enable observers to ascertain reliably whether or not social programs are achieving their expected results. This course examines management of the evaluation process, techniques of evaluation, and the application of evaluation results for improving program performance in both public and nonprofit organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PUP6007 - Policy Analysis

General
Course Description
Prerequisite: PAD 5700
The policy planning process, problems of implementing policy, evaluation of policy impacts, and techniques of policy forecasting.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PUR3000 - Principles of Public Relations

General
Course Description
Prerequisite: MMC 1004 and MMC 3105
Description: The course is a survey of principles, policies and practice of public relations, focusing on planning, publics, techniques and agencies utilizing public relations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PUR3100 - Public Relations Writing

General
Course Description
Prerequisite: MMC 1004, MMC 3105 and PUR 3000.
Description: Survey and practice in techniques of publicity writing in public relations. Layout of actual publicity campaign and preparation of information kits. Stress on actual uses with cooperating agencies.
Course Fees: $10

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PUR4400 - Crisis Communications

General

Course Description
Students will analyze the potential for crisis in various types of organizations. Students will examine factors in crisis situations, including development of crisis plans, coordination of internal disciplines, collection and dissemination of information, and restoration of public confidence. Research emphasis is on written and oral presentations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PUR4450 - Public Relations and Event Planning

General
Course Description
Prerequisite: PUR 3000 and PUR 3100 and MMC 3105 and MMC 1004 Description: This course is an introduction to the planning and production of special events with an emphasis on public relations' principles, strategies and techniques. Students will be introduced to leaders in the field, prepare budgets, learn techniques for executing large- and small-scale projects and prepare an event plan. The course will culminate with a special event at the end of the semester. Course Fees: $15

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PUR4800 - Public Relations Campaigns

General
Course Description
Prerequisite: ADV3008 and ADV3101 and MMC1004 and MMC3105 and ADV3203 and MMC4422 or MMC4302Description: This course involves students in the practical analysis and development of specialized communication materials aimed at gaining attention and support from target audiences. Students will analyze and develop campaign plans. As a member of a public relations team, they will select a client from the community, design a complete public relations campaign, and make a presentation to the client, including a plan for implementation. Course Fees: $75

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

PUR4801 - Public Relations Cases

General
Course Description
Prerequisites: PUR 3000, MMC 3105, and MMC 1004Preparation and analysis of various public relations cases so as to study the decision-making in public relations as well as how various elements enter into the managerial and technical side of public relations. Part of course will use agency or team approach, along with simulation and other role-playing techniques.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RED3310 - Teaching Reading as a Process

General

Course Description
Study of the reading process, approaches, skills, and materials used in elementary reading instruction. Course or equivalent before senior internship.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RED4333 - Reading and Writing Across the Curriculum

General

Course Description
Course is designed to provide students with an in-depth understanding of reading and how reading efficacy is related to content areas and vice versa. Content areas are described in terms of "Discourse Communities" that require of their participants specific forms of speaking and writing (and reading). Students learn about ways to scaffold reading in different content areas.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RED4335 - Language and Cognitive Foundations for Reading

General

Course Description
This course will develop an understanding of how to use scientifically based reading research and comprehensive instruction as a process that synchronizes and scaffolds each of the major components of the reading process: Oral language, phonological awareness, phonics, fluency, vocabulary, and comprehension. Facilitating the prevention of reading difficulties and promoting acceleration of reading for students in diverse populations in grades K-12. This course covers content for FLDOE Reading Competencies 1-4 and partially fulfills the requirement for the state Reading Endorsement.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RED4844 - Supervised Literacy Practicum

General

Course Description
Prerequisite: LAE 4312 Co-requisite: EDE 4943Description: This practicum course is designed to support teaching interns as they develop an inquiry stance in literacy toward their role as teachers. Teacher candidates participate in regular seminars focused on inquiry and knowledge of the components of reading, as well as literacy assessments and data analysis to implement a comprehensive research-based reading plan of instruction for all students. Teacher candidates will engage in the systematic problem-solving process and document the ways in which they are engaging in inquiry during their student teaching internship. All degree coursework, with the exception of EDE 4943: Student Teaching Internship, must be successfully completed prior to registering for this course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

RED5846 - Practicum in Reading

General

Course Description
Prerequisites: RED 3310, RED 3311. Demonstration of reading teaching competencies in the school setting.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
0

RED6096 - Literacy Coaching

General

Course Description
Description: This course is designed to teach candidates how to be successful literacy coaches. Candidates will learn about the theory and practices current coaching models rely on to support and strengthen teachers' literacy instruction. Research and theory addressed in the course will focus on the intersection of the following fields: adult development, professional development, relationship between teacher quality and student achievement, teacher change, and school improvement.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RED6303 - Building Literacy through Play

General

Course Description
Description: This course focuses on the value of play on literacy learning for early childhood through the intermediate grades. Theory, research, and methods for teaching language and literacy through play and interdisciplinary learning will be covered. Topics will include intentionality, differentiation, critical literacy, and culturally and developmentally appropriate standards-based creative arts integrated learning experiences for all students.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

RED6334 - Reading and Writing Across the Content

General

Course Description
Description: Students will be able to define the different characteristics of decoding verses reading as an active, meaning-making strategy. They will learn how to recognize students' cultures, interests, and reading abilities and adapt ways of scaffolding texts to better meet the former. They will learn both how to compute and to use readability measures to match and scaffold texts to better fit with students' respective Zones of Proximal Development (Vygotsky).

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RED6345 - Motivation and Engagement in Literacy Learning

General
Course Description
This course focuses on understanding research that focuses on the importance of motivation and engagement during students' literacy learning. Students will learn about motivation constructs such as autonomy, relatedness, and self-efficacy, and how they relate to one another, as well as the effects of extrinsic and intrinsic motivation on students' literacy learning. Further, students will learn about evidence-based practices that support motivation and engagement when reading texts during school, after school, and during the summer months. The course will provide information about the role of children and young adult literature and digital literacies on students' motivation and engagement. As a culminating assignment, students will demonstrate how they will implement practices that support motivation and engagement in their own classrooms.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

RED6347 - Reading as Communication in Whole Language Classrooms

General
Course Description
Reading as communication is viewed as a part of a continuum of literacy learning processes involving listening, speaking, writing, reading and thinking. Teachers are encouraged to become professional decision makers who create learning environments which encourage risk taking and value learning processes as highly as literacy encounter products.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RED6349 - Teaching Literacy through Storytelling

General
Course Description
Description: The course focuses on teaching literacy Pre-K-12 through storytelling. It is a study and application of narrative and performance for developing speaking, listening, reading, and writing skills.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

RED6395 - Adv Reading Assessment/ Implementation of Reading Programs

General

Course Description
This course will focus upon the administration and interpretation of instructional assessments with instructional strategies and materials based upon scientifically-based reading research for the prevention and remediation of reading difficulties. Students will be taught knowledge and skills to implement school reading programs based upon evaluations using a variety of assessments measuring student achievement, teacher effectiveness, and scientifically-based reading research. Specifically, students will learn how to select research-supported reading materials and strategies designed to impact student achievement. They will learn techniques and procedures for maintaining assessment-driven classroom and school-wide reading programs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RED6656 - Advanced Foundations of Reading

General

Course Description
Presents reading as a language process; also presents models, materials, and skill development used in reading instruction; explores reading instruction in terms of historical perspective, trends, innovation, and technology.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RED6657 - Evidence-Based Literacy Instruction

General

Course Description
Students in this course will demonstrate the ability to use scientifically based reading instruction to support student development in oral language, phonological awareness, decoding, and fluency skills. Students will learn about early language acquisition, the linguistic characteristics of language structures, and the relationship between receptive oral and expressive oral language and early decoding skills. This course will also focus on the role of vocabulary and comprehension in reading acquisition. Students will demonstrate the ability to use explicit, systematic, and sequential approaches in reading instruction which includes multisensory intervention strategies. Students will apply evidence-based practices for identifying students with reading difficulties based on data, including students with characteristics of dyslexia and English learners, and responding with instructional strategies that are based on individual student needs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RED6698 - Teaching Critical Literacy

General

Course Description
Description: With a focus on empowering both teachers and students to better understand a more media-rich, textually diverse literacy climate, this course will explore the theory and the rationale for teaching critical literacy in modern classrooms. Along with learning the theory and rationale for why critical literacy

pedagogy is critical in a more media-rich, textually diverse literacy climate, this course will also address how teachers can begin to implement critical literacy theory in their own classrooms.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

RED6906 - Directed Individual Study in Reading

General
Course Description
Prerequisites: RED 6656, graduate reading emphasis major and division approval. Individually directed study of topics related to reading instruction. May be repeated for credit.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
9

REE4043 - Real Estate Analysis

General
Course Description
Description: This course is a prerequisite to all other courses in real estate and regional development. This course looks at the decision-making process for development, financing, marketing, and management of real estate within the framework of our government, economic, legal, and social systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REE4103 - Real Estate Appraisal

General
Course Description
Prerequisite: REE 4043
Description: This course focuses on the valuation and appraisal framework applied to residential and income-producing property. The emphasis in the course is on valuation theory and process as a tool for business decisions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REE4204 - Real Estate Finance

General

Course Description
Prerequisite: REE 4043
Description: This course focuses on financial analysis and structuring of real estate projects, traditional and creative concepts and mechanisms for construction and permanent financing, portfolio problems, governmental programs, money and mortgage market analysis, computers and financial models.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REE4303 - Real Estate Finance and Investments

General

Course Description
Prerequisite: FIN 3403, REE 4043
Description: This course studies advanced concepts, principles and models of real estate finance and investment analysis. Emphasis in the course is on case analysis and policy information.
Availability: This course is usually offered only in the spring.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL2300 - (GW) Comparative Religion

General

Course Description
Comparative Religion first introduces students to the major religions of the world, and then seeks points of comparison between those religions in an effort to come to terms with the common bases of human religious experience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3040 - Theories of Religious Studies

General

Course Description
Description: Understood as an advanced course in theory and method, this course will help students bring together the various theorists important to the academic study of religion whom they have studied previously in their course work for the Religious Studies major and help them to understand the development of Religious Studies as an academic discipline.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3074 - Myths and Rituals

General
Course Description
This course will examine the use of myths, rituals, and symbols in the structuring of religious worlds of meaning or "sacred worlds." The course will introduce students to the theories and methods of investigating myths, rituals, and symbols, as well as a range of examples of myths and rituals in a variety of religious and secular contexts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3101 - Religion and Popular Culture

General
Course Description
If modern society is, indeed, becoming more secular, what does this mean for the continuing influence or religion? Institutional religion seems to be less and less significant in the lives of individuals, yet the "religiousness" of those individuals persists. This course will explore the presence of themes and functions traditionally associated with religion as they are found in less clearly "religious" aspects of popular culture. This focus will raise questions about the definition of religion and point to the power dynamics implicit in the act of defining.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3102 - Religion as Culture

General
Course Description
This course will introduce students to one of the primary approaches to Religious Studies: the Social Scientific Study of religion as culture (other, complementary, approaches being History of Religions/Comparative Religions and Philosophy of Religion). We will begin with a unit examining classical theorists (Durkhiem and Weber), current theoretical developments and exploring some key methodological issues. In Units Two and Three we will draw on case studies illustrating religious diversity to refine/apply our understanding of theory and method.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3110 - Religion and the Arts in the US

General
Course Description
Description: This course is a study of religious ideas and cultural forms in the United States through an examination of a variety of genres including novels, movies, music, art, poetry, essays, and sermons.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3111 - Religion and Film

General

Course Description
Description: The course explores the politics of representing religion at key moments in both film and religious history. The films, regions, and eras will vary according to the instructor. Issues might include representations of religious belief, practice, individuals, and institutions and constructions of nation, race, gender, and sexuality. The course will consider what the processes of movie production and the cultural experience of movie going can disclose about modern religious life.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3120 - Religion in America

General

Course Description
This course will give students an overview of the variety of religious expressions found in the United States. We will begin with a unit designed to provide historical context, and then move to a unit that explores the development of social and political conflict around religion and religious issues, and conclude with a unit that provides a sampling of current movements and trends in religion. In each unit, we will pay attention to the practice of religion (as opposed to merely emphasizing belief systems) as well as to the relationship between religion and culture. Through readings, lectures, class discussions and a group project, the course explores the growth and diversity in American religion and the conflict produced by that diversity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3127 - Religion and the Courts

General

Course Description
Religion in America is profoundly shaped by a "religious free market" rooted in the separation of church and state and the first amendment religion clauses. Yet, when the first amendment religious clauses were written, they limited only the federal government (Congress). This course will explore the evolution of the first amendment religion clauses from the Bill of Rights, through the fourteenth amendment applying the religion clauses to the states, culminating in a discussion of important religion cases currently before the courts. Special attention will be paid to the role of specific religious traditions in the development of religious freedom, the significance of this legal status of religion for the religious character of American culture broadly and for the distinctive cultures of American religious traditions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3146 - Sex and God

General

Course Description
This course involves a historical examination of the connections between gender, sex, and religion as well as theories and methods related to studying gender in religious traditions. The specific topics will be selected by the instructor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3148 - Religion and Violence

General

Course Description
This course will explore the relationship between religion and violence by looking at studies of several different groups (Muslims, Jewish, Christian, and Buddhist) that claim religious justifications for violence. We will then explore some theoretical perspectives aimed at explaining what many see as this paradoxical relationship. Finally, we will look at American cultural religion (sometimes called American Civil Religion) to explore the ways in which Americans have sacralized and memorialized recent acts of ritual violence. There are no prerequisites for this three credit hour course. Instructional methods include readings, lecture, discussions and a group project.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3152 - Race and Religion in the United States

General

Course Description
Description: This course is an interdisciplinary theoretical inquiry into ethnicity, race, and religion as constituents of personal and communal identity. While the geographical focus is on North America, the class will explore questions and theories that have applications globally. Depending on the instructor, the course will examine theories pertaining to global migrations, colonial and postcolonial relations, diasporic communities, and religious pluralism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3168 - Religion and Nature

General

Course Description
Description: This class will explore the intersection of religion and nature through religious texts and specific case studies. Students will read primary sources from a variety of religious traditions and secondary, or interpretative, texts to gain a deeper understanding of the varieties of religious worldviews people have constructed to understand themselves in relationship to the natural world. The course will examine case studies from numerous religious traditions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3175 - Ethics East and West

General
Course Description
Description: This course explores ethical theory and some contemporary ethical problems from a comparative perspective. The focus will be on Asian approaches to ethics, and how differing views of nature and human nature alter the quest for what is good and for the good life. We will discuss the Hindu, Confucian, Taoist and Buddhist traditions, as well as contemporary Japanese theory.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3196 - Religious Literacy in the Professions

General
Course Description
Religious literacy entails understanding the history and contemporary manifestations of religion, including the central texts, beliefs and practices as they are shaped within specific contexts. Introduces ways of thinking about the public expression of religion and profession-specific engagements with religion.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

REL3213 - Hebrew Bible/Old Testament

General
Course Description
Students will explore the classical Old Testament texts as well as historical background material and will exchange their views in classroom discussions. This class will seek to encounter the great adventure of the human race discovering itself and its place in the world-a challenge which still confronts us with greater urgency in our own time.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3241 - New Testament

General
Course Description
Students will explore the classical New Testament texts as well as historical background material and will exchange their views in classroom discussions. This class will seek to encounter the great adventure of Christianity discovering itself and its place in the world- a challenge which still confronts Christians with even greater urgency.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3330 - Religions of India

General
Course Description
This course studies the major religions that originated in India or which have had major influence upon the Indian subcontinent. It is a critical analysis of some of the primary scriptures and a respectful comparison with European and American philosophical ideas and religious beliefs. The course will focus upon Hinduism, Buddhism, and Islam, but there will be consideration of the Jains, the Sikhs, the Zoroastrians, and upon Jews and Christians in India.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3340 - Introduction to Buddhism

General
Course Description
Description: In this course we will critically engage Buddhist philosophy and religion, from its origins in ancient India to its spread across Asia and its impact on the contemporary world. The course will include a focused survey of key ideas, practices, and texts, and a more in-depth examination of one particular idea, practice, or text.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3345 - Zen Buddhism

General
Course Description
Description: Zen is the meditation school of traditional Buddhism. This course is a critical examination of the literary, philosophical and historical roots and teachings of Zen. We will begin with a general introduction to Buddhism, then read some Chinese and Japanese Zen texts, in an effort to understand them as expressions of Asian culture, as responses to philosophical problems, as exercises testing the limits of reason, and as expedient means to awaken "the true self of compassionate wisdom."

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3380 - American Indian Religions

General
Course Description
Description: This course will introduce students to the diverse religious traditions of American Indians and the major theoretical and ethical concerns related to the study of American Indian religions. Class topics will include theoretical models useful to studying American Indian religions, case studies about specific eras and tribes, and modern concerns, such as the Native American Graves and Repatriation Act. The course will consider a diversity of practices, ranging from traditional ceremonies and American Indian Christian practices.

Credit Hours
Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3405 - Jewish and Islamic Thought

General

Course Description
Description: Often medieval philosophy is presented in its Christian guise alone, giving the impression that the medieval philosophical tradition, influenced by the great thinkers of Greek antiquity, is exclusively a Latin tradition, with no substantive contribution by those who wrote in Arabic and Hebrew. We shall revise this view. Our focus will be a select group of philosophers who lived between the 10th-12th centuries, a roughly three hundred-year period that is a high point in medieval Jewish and Islamic philosophy—a time before Greek philosophy was rediscovered in Christian Europe. Philosophers to be studied in some detail are Saadya Gaon, Al-Farabi, Ibn Rushd, and Maimonides, and in addressing topics in the philosophy of language, metaphysics, epistemology,
cosmology, philosophical psychology, and especially in philosophy of law, ethics, and political
philosophy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3420 - Twentieth Century Religious Thought

General

Course Description
This course surveys the major movements of religious thought in this century: Idealism, Ethical Theism, Naturalism, Philosophies of History and Culture, Theology of History and Culture, Sociology and Religion, Pragmatism, Phenomenology of Religion, The New Physical and Christian Apologetics, Realist Metaphysics, Neo-Thomism, Logical Empiricism, Existentialism.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3442 - Religion and the Marketplace

General

Course Description
This course will introduce students to theories related to describing the relationship between religion and economic activities. Students will explore these theories through case studies selected by the instructor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3456 - Japanese Philosophy and Religion

General

Course Description
Description: This course will explore Shinto, the indigenous world-view and practices of Japan; Japanese Buddhism, including Zen, Pure Land, and Nichiren; bushido, or the samurai spirit; distinctive contributions of Japanese thinkers to neo-Confucianism; and Japanese aesthetics. As we do so, we will explore the differences between orientalism and responsible approaches to non-western cultures and philosophies. We will also discuss Japanese responses to the Buddhist problem of original enlightenment, think through the role of ritualized activities in Japanese culture, and learn what the hierarchical nature of Japanese language can tell us about life in Japan.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3457 - Chinese Philosophy & Religion

General
Course Description
Description: This course traces the historical development of the major, traditional movements in thought, religion, and philosophy. Beginning with the Chinese classics, its explores the ideas of Confucianism, Mohism, Daoism, Legalism, Buddhism, and Neo-Confucianism. Readings in primary sources are emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3459 - Lived Religions in Asia

General
Course Description
This course introduces students to the academic approaches to the study of religion as practiced by ordinary people in everyday life in the context of Asian life and history.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3460 - Philosophy of Religion

General
Course Description
Description: This course approaches religion as a phenomenon common to human experience. Religion is examined from the perspective of reason rather than revelation. Philosophy of religion is concerned with philosophical conceptions of deity, the truth claims of differing religions, of revelation, faith, and the problem of verification.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL3630 - American Judaism

General

Course Description
Description: Jews have contributed to the United States' religious diversity for over 350 years, starting off as small pockets of communities on the eastern seaboard. By the 1950s, the US became home to the largest, most prosperous, and most secure Jewish community in modern history. This course surveys the history of American Jews from the 18th century to the 21st century. We will explore the following questions: Why did millions of Jews come to the United States? How has life in a liberal political and capitalist economic order shaped the Jewish experience in America? In turn, how have Jews influenced American culture, politics, and society? Topics will include politics, Southern Judaism, Jewish culture, inter-ethnic group relations, gender and sexuality, popular culture, and identity.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL3930 - Selected Topics: History of Religion

General

Course Description
This course covers topics of importance in religious studies. Course topic will vary by instructor. May be repeated up to 9 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

REL4151 - Anthropology of Religion

General

Course Description
Description: This course explores the cultural conceptions of supernatural reality with an emphasis upon comparative understanding of myth and ritual, the religious experiences and revitalization movements.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL4159 - Sociology of Religion

General

Course Description
Description: This course is an introduction to the sociology of religion. Students will read major works by leaders in the field, and examine the ways in which religion interfaces with and affects other social institutions. Particular attention will be given to current controversies in the social scientific study of religion.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL4296 - Sociology of the Bible

General

Course Description
Description: This course surveys both the Hebrew scriptures and the New Testament from the perspective of modern social science, and situates the Bible in its historical and cultural context. Principal themes include: the evolution of theology and ritual, issues of dating and authorship, and the comparative religion of the ancient Mediterranean. The importance and relevance of the Bible for Western culture is also examined.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL4353 - Confucianism

General

Course Description
Description: This course will explore the thought and influence of one of the most influential people of all time, Confucius. Much of what we see today as distinctive contributions of East Asia to world culture comes from a Confucian approach to the world. We will begin in ancient China with the great Confucian classics, and then proceed historically through movements and developments in Confucian thought, from the Analects and the Mengzi to Dong Zhongshu, Zhu Xi, and New-Confucianism as it exists today. We will examine questions of how to categorize Confucianism: philosophy, religion, both, neither? We will also explore the Asian Values controversy and discuss the rise of Confucianism in contemporary China, including various Confucian responses to problems such as human rights, environmental ethics, and bioethics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL4404 - Comparative Muslim Cultures

General

Course Description
Description: This course concerns popular or local "Islams" throughout the world. This course will take an anthropological perspective and will use Muslim examples to explore the theoretical and methodological issues involved in the study of religion. We will also employ a variety of approaches to the study of religion to help the student understand a variety of social and cultural phenomena including religious education, the construction of gender identities, revitalization movements, fundamentalism, and religion and politics. The anthropological approach to Islam is clearly distinct from a theological or philological one. In other words, we will concentrate more on the culture and practice of contemporary Muslims than on Islam's sacred texts. We are particularly interested in the cross-currents that are found in otherwise diverse societies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

REL4497 - Global Religion

General

Course Description
This course examines critical themes of religion around the world. Topics will be selected by the instructor, but might include religion and the rise of the nation-state; the politics of religious establishment and religious freedom; the formation of modern vocabularies of religious exclusion; and the role of religions in the neoliberal experience.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL4900 - Directed Independent Study Religious Studies

General
Course Description
Prerequisite: consent of instructor, program coordinator, and department chairperson. May be repeated for up to 6 credit hours, check enrollment restriction.This course will allow students to design a religious studies course to fit their own needs and interests. Broadly speaking it will examine the phenomenon known as religion in an impartial, academic manner. The course might compare aspects of the variety of the world's religions, ask philosophical questions about the nature of religion, and/or explore the relationship between religions and the larger cultural context in which religions are found.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

REL4910 - Senior Seminar Capstone

General
Course Description
Prerequisite: REL 2300 and REL 3102 and REL 3040Description: This course should bring together the theoretical and methodological skills developed in the major and apply them to a specific area of data that could vary by instructor and/or by student interest. This is as an undergraduate thesis course. Students will learn how to put together their own research project within a supportive setting. Students will select their own topic and spend most of their time working on it. Class sessions will be oriented towards identifying research methods and then strategies for honing a research project and getting it to its final product. The skills developed and, at the culmination of the course, demonstrated, will be those skills the Religious Studies Major is designed to foster: clear writing, thinking, the ability to engage systematically with theoretical models and the ability it see the world through the eyes of someone else.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

REL4932 - Advanced Selected Topics

General
Course Description
This course covers topics of importance in religious studies for advanced students. Course topic will vary by instructor. May be repeated up to 9 credits under different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

REL4938 - Advanced Special Topics: Christianity

General

Course Description
Description: The content of this course will vary depending on the faculty member offering it but it will be an advanced study on some aspect(s) of the Christian Tradition. It will exemplify the academic approach to the study of religion which, as an interdisciplinary field of inquiry, explores varied meaning-making systems in all their complexity including beliefs, practices, texts, history and social-cultural functions. Rather than approaching religions from the standpoint of a believer seeking "Spiritual Truth," this course and other in the Religious Studies major will help students gain an understanding of the origins of particular traditions, how they function, and what purposes they serve. In this advanced level course, students will build on the skills acquired in their lower level courses.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RLG5150 - Global Religion

General

Course Description
This course examines critical themes of religion around the world. Topics will be selected by the instructor, but might include religion and the rise of the nation-state; the politics of religious establishment and religious freedom; the formation of modern vocabularies of religious exclusion; and the role of religions in the neoliberal experience.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RMI3011 - Risk Management and Insurance

General

Course Description
Co-requisite: FIN 3124
Description: This course focuses on understanding the importance of risk in the business firm and the family unit; principles underlying the selection of the means of handling economic risk; and the analysis of insurance as one of the techniques of risk management.
Availability: This course is usually offered only in the spring.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RMI4135 - Employee Benefit Plans

General

Course Description
Prerequisite: MAN 3025
Co-requisite FIN 3124
Description: This course focuses on the study of the group and social insurance

that provide death, disability, and retirement benefits. This course also covers the analysis of contractual arrangements, benefit formulas, financing, and underwriting.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV3001 - Principles of Broadcasting

General
Course Description
Description: This course is a study of the processes, elements, uses and impact of broadcasting, cablecasting and multimedia. The course includes an introduction to broadcasting history, theory, research and new technologies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV3220C - Television Production/Visual Arts Television

General
Course Description
Prerequisites: MMC 3105. This course introduces students to the practices of television production, including camera and lighting, as well as production planning and execution through the utilization of the crew system.
Course Fees: $30

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
2

Number Of Repeats:
0

RTV3221 - Digital Video Editing

General
Course Description
Prerequisite: MMC 1004 and MMC 3105
Description: This course is designed to develop students' video editing skills through the hands-on use of nonlinear video editing software. Students will learn the fundamental and advanced capabilities of these sophisticated digital systems, which are widely used in professional video production.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV3228 - Multi Camera Video Production

General

Course Description
Prerequisite: MMC 1004 and RTV 3260Description: This course will provide continuing production in production techniques learned in RTV 3260. The course focuses on the direction and production of multiple-camera studio video project including directing, producing, camera operation, audio, and live-to-tape switching.
Course Fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RTV3260 - Single Camera Video Production

General

Course Description
Prerequisite: MMC 1004
Description: This course addresses direction and production of single-camera video projects including producing, camera, audio, lighting, and non-linear editing.
Course Fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RTV3545 - Multimedia Sports Production

General

Course Description
Descriptions: This course will consist of immersive students live sports production participation, lectures, sports production critiques, guest speakers, and sports production facility tours to meet the course objectives.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RTV3601 - Multimedia Announcing and Performance

General

Course Description
Prerequisite: MMC 1004 and MMC 3105
Description: This is a performance course designed to teach students how to use their voices for radio and television. It includes exercises in announcing, news reading and interviewing. It focuses on how to deliver clear, well-enunciated narrations in a conversational style, emphasizing proper use of pitch, diction and interpretation.
Course Fees: $30

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV3631 - Producing TV News

General
Course Description
Prerequisite: RTV 3000, RTV 3101
Description: Students will learn the skills most in demand by broadcasters, functioning as Producers and Writers behind the scenes in creating Radio and Television news programs for broadcast and cable at both the network and local level.
Course Fees: $30

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV4225 - Corporate Production

General
Course Description
Description: This course prepares students for professional production within the corporate/informational realm with particular attention toward a documentary-style narrative structure. Students will learn to properly research, develop and plan visions for corporate productions. Students will experience hands-on instruction in advanced camera work, lighting, and audio; students will also work extensively with industry standard editing software with an introduction to basic compositing and effects work in post-production.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV4291 - Narrative Production

General
Course Description
Description: This course is designed to introduce students to the production processes of visual/aural, time-based storytelling. Students will work on various projects using digital video production techniques. With an emphasis on professional video production, students will study all aspects of production from idea generation and conceptualization through post-production editing and sound design.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV4330 - Documentary Fundamentals

General
Course Description
Description: This course introduces students to documentary storytelling. Students will learn basic principles of non-fiction storytelling with emphasis on the aesthetic, intellectual, and ethical considerations involved in this cinematic form. Instruction will focus on the documentary process from preproduction and production through post-production.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV4403 - Media Criticism

General
Course Description
Prerequisite: MMC 1004 and MMC 3105 and MMC 4500
This course is designed to provide the student with an intensive critical study of media, in particular television, film advertising and music video. In this class the student will be building and refining both their critical interpretation skills and their writing proficiency through a series of discussions, critical analysis, screenings and papers.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV4408 - Non-Fiction Programs: A Critical Analysis

General
Course Description
Prerequisites: RTV 3000, RTV 3101 or permissions of instructor.
This course is designed to provide students with an intensive study of non-fiction programs. In this class students will be building and refining both their critical interpretation skills and their writing proficiency through a series of discussions, critical analysis, screenings and papers.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV4581 - Lighting for Production

General
Course Description
Description: Through hands-on instruction, this course will build a fundamental understanding of lighting theory in order to effectively manipulate light to achieve the desired image on set and location for digital video recording. Assignments build in complexity throughout the semester illustrating the relative relationships between camera controls and lighting properties.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

RTV4612 - Digital Video Effects

General
Course Description
Description: This course illustrates the techniques and practical application of visual effects to live action and motion graphics sequences using specific software. Topics address simulation of natural environmental effects, realistic compositing of

dynamic titles and pyrotechnic footage, and motion tracking with the focus centered on industry standards and procedures for planning, creating and applying such effects.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RTV4661 - Advanced Television Production

General

Course Description
Prerequisite: MMC 1004, MMC 3105, RTV 3260 and RTV 3228
Description: This course will provide continuing instruction in techniques learned in RTV 3260 and RTV 3228. Students will learn and apply advanced techniques in production and directing television programs and video projects both in studio and on-location.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

RTV4930 - Special Topics in Electronic Media

General

Course Description
Prerequisites: MMC 1004 and MMC 3105 and MMC 4500
This course will explore important issues pertaining to the theory, research, and practice of electronic media in a seminar format. Issues will vary from semester to semester. The course may be repeated up to a total of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

RTV5801 - Media Management

General

Course Description
Description: Students will learn the management techniques of various aspects of the broadcast industry by studying business structures and practices of radio and television operations in different markets.
Availability: One semester per year.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SCE4310 - Science Methods for Elementary Teachers

General

Course Description
Co-requisite: EDG4442
Description: This course for preservice elementary school teachers includes instructional strategies, learning activities, the design and use of materials, lesson planning, evaluation of scientific learning, and diagnostic techniques.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SCE4320 - Special Methods: Middle Grades Science

General

Course Description
Prerequisite: EDF3945
Cor-requisite: EDF3946
Description: Introduction to the instructional methods, materials, and curriculum for teaching middle grades students mathematics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SCE4330 - Special Methods: Secondary Science

General

Course Description
Prerequisite: EDF3945
Co-requisite: EDF3946
Description: An examination of the instructional methods, materials, and curriculum for teaching secondary level mathematics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SCE5465 - Science, Technology and Society

General

Course Description
This course examines instructional methods, materials, and curricula for teaching the sciences within a context that considers the interaction of science, technology, and society. It is used for science certification and in graduate program of study.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SCE6117 - Science for Elementary Teachers

General

Course Description
Advanced study of content, resources and processes used in science programs in the elementary school.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SCE6337 - Special Methods in Teaching Science

General

Course Description
Prerequisite: Regular teaching certificate in the science area (Florida or its equivalent). An advanced analysis of the instructional methods, materials, curriculum, and research related to teaching secondary level science.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SCE6735 - Trends and Issues in Elementary Science Teaching and Learning

General

Course Description
Description: This course explores research and current trends in elementary science teaching and learning, including an emphasis on three-dimensional learning, inquiry, and problem-based learing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SCM4155 - Supply Chain Management

General

Course Description
Prerequisite: TRA 4202 or TRA 4210 and TRA 3035
Description: This course examines how and why successful supply chain management requires cross-functional integration of key business processes within the firm and across the network of firms that comprise the supply chain. The distinction between logistics and supply chain management is identified and a framework for supply chain management is presented. Each of eight supply chain processes will be discussed, as well as topics such as: the management components of supply chain management; internet-driven supply chains; electronically linking the supply chain; integrating supply chain strategy to corporate strategy; supply chain mapping; supply chain metrics; developing and implementing partnership in the supply chain; and implementing supply chain management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SCM4170 - Supply Chain Management Strategy, Leadership & Business Applications

General
Course Description
Description: The focus of this course is on understanding general business challenges and connecting the corporate response to leadership, supply chain, logistics and other business strategies appropriate for responding to contemporary business situations. Learning scenarios include current events analysis, team case study investigations and interaction with sponsor business advisers to solve cross functional business problems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SDS6000 - School and Family: Managing Student Behavior

General
Course Description
Prerequisite: Admission to the SOAR program or permission of the instructor
Description: This course is designed to enhance the relationship between families/ care givers and the school for the purpose of optimizing student behavior for classroom learning. It will give the students tools to use when working with families. In addition, students will learn effective ways to include family members as active contributors in their child's education and overall well being. Students will learn how to create collaborative teams that will include school personnel, families and other community agencies to promote student learning. The school counselor's role will be explored in managing classroom behavior when conducting classroom guidance and in helping teachers with strategies for managing students from various cultural backgrounds. The classroom environment and instructional activities that promote cognitive growth will be examined. This course will look at profiles and characteristics of students presenting potential and active behavior problems. Strategies for preventing and handling on-going behavioral problems are examined.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SDS6014 - Organization and Administration of School Counseling

General
Course Description
Description: This course includes a study of the various components in a comprehensive, developmental school counseling program, including an understanding of professional roles and functions, historical underpinnings and future trends, accountability and professional organizations, associations and credentialing.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SDS6310 - College and Career Readiness

General

Course Description
Description: This course is designed to enable counselors to help individuals assess their skills, knowledge and self-understanding necessary to arrive at appropriate career, educational, and lifestyle decisions throughout the life span. Both theory and practice are emphasized.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SDS6466 - Crisis/Disaster Management

General
Course Description
Description: This course is designed to explore student behavior that results in violent and aggressive actions. The development of violent tendencies is examined, including the medical/biological, psychological and social theories of aggression and violence. Candidates explore the current approaches to intervention with at-risk students, and discuss prevention strategies that can be implemented in regular, special education and inclusion classes in order to minimize the risk of violence. The legal issues involved are presented to help candidates understand the role of school personnel in minimizing risk to students and staff, and also intervening with those students in regular, special education and inclusion classes who are at-risk for violent and aggressive behavior. As part of the curriculum, each participant will develop a Crisis Intervention and Prevention Plan as a potential model that can be implemented within a school district/building.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

SDS6820 - Supervised Field Experiences I

General
Course Description
Co-requisite: SDS 6940
Description: This course is designed to provide school counseling candidates ongoing guidance, support, and instruction pertaining to the roles, functions, and skills of a school counselor during their first field experience. Emphasis will be on student-focused and system-focused issues that the school counseling candidates address during field experience. Candidates will meet for one hour per week with a professional school counseling supervisor.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

SDS6821 - Supervised Field Experiences II

General
Course Description
Co-requisite: SDS 6832
Description: This course is designed to provide school counseling candidates ongoing guidance, support, and instruction pertaining to the roles, functions, and skills of a school counselor during the second field experience. Emphasis will be on career, postsecondary planning, and academic issues that the school counseling candidates address during field experience. Candidates will meet for one hour per week with a professional school counseling supervisor.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Other Hours
Other Hours Min:
1

SDS6830 - Internship in School Counseling: Counseling/Coordination of Guidance Services

General

Course Description
Description: This internship experience offers students an in-depth supervised experience in schools practicing individual and group counseling.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SDS6831 - Management of Resources and Data Analysis

General

Course Description
Prerequisite: SDS 6830, SDS 6940, SDS 6820, SDS 6832 and SDS 6821
Description: Students who participate in this course are provided an in-depth supervised experience in schools practicing management of resources and data analysis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SDS6832 - Internship: College and Career Readiness

General

Course Description
Description: This internship offers students an in-depth supervised experience practicing career and academic advising and advocacy in schools and businesses.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SDS6930 - Advanced Seminar of Current Issues in School Counseling

General

Course Description
Prerequisites: SDS 6830 or approval of course instructor.
Description: This course will facilitate an advanced exploration of various issues relevant to professional school counseling.
Repeatability: This course may be repeated for a total of 9 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

SDS6940 - Practicum in School Counseling

General

Course Description
Prerequisite: MHS 6006, MHS 6400, MHS 6510, and SDS 6014 with grades of B or higher, and permission of the practicum committee
Description: This course is designed to apply knowledge and skills gained in study to actual school settings. Corresponding course work will be required in which the emphasis will be on the counselor as a consultant to parents, teachers, and administrators.
Repeatability: It may be repeated for credit

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

SLS1106 - First Year Seminar

General

Course Description
Description: First Year Seminar is intended to provide students with the tools necessary to be successful at the University of North Florida and ensure a smooth, thoughtful transition to college. Through interdisciplinary engagement and an introduction to a variety resources available at UNF, students will create their own college success plan detailing their major selection process, campus involvement and leadership opportunities, and additional academic and co-curricular endeavors to prepare them for achievement of career goals and success after graduation.
This course aims to foster a sense of community on campus, promote engagement in the academic and social life of the university, articulate expectations of faculty, and help students develop and hone sound learning strategies that will serve as the foundation for collegiate success and beyond. This course will be taught by faculty across the university and is not repeatable.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

SLS1930 - Community Engagement - UNF Cares: Special Topics

General

Course Description
Description: This special topics Community-Based Transformational Learning course is intentionally designed for and offered to First Time In College (FTIC) students. Students are introduced to selected interdisciplinary topics and issues through activities in community settings that are designed to meet community needs. Students explore their individual strengths while considering how their assets can have a positive impact in the world. While many University courses develop students' skills, knowledge, and expertise to pursue a career, this course provides a time for students to explore their purpose and place in this world. During the semester, students will connect with new people, new ideas, new places, and new challenges. Through this experience students may gain a clearer sense of purpose or begin to consider new directions. This is a student's opportunity to explore possibilities and use their strengths in real-world settings.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lecture Hours

Lecture Hours Min:
1

Number Of Repeats:
0

SLS2004 - CCEC and You

General

Course Description
This course provides information and experience that aids students in their successful transition to the college of Computing, Engineering and Construction at UNF. The objective of this course is to provide students with information that will enhance their academic experience, connect them to campus resources and engage with industry professionals. In addition, this course will allow students to

learn more about themselves, their major, and others in the campus community. It will help students develop skills that are needed to be a successful CCEC student. Required for all CCEC students within first 30 UNF credits.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Lecture Hours

Lecture Hours Min:
0

Number Of Repeats:
0

SLS2320 - COEHS Connections

General

Course Description
This course is designed to enhance the success of first year students in COEHS. This course focuses on developing critical and creative thinking, setting personal and academic goals, developing structured and consistent study habits, and becoming contributing members of the UNF community.

Credit Hours

Credit Hours:
0

Contact Hours

Contact Hours Min:
0

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
0

Lecture Hours

Lecture Hours Min:
0

Number Of Repeats:
0

SLS3408 - Employability Skills and Career Success

General

Course Description
Description: This course helps students utilize a variety of job search strategies that will give them a competitive edge and make a successful transition from academics to the world of work. This course focuses on instructional methods, materials and curricula to introduce students to the fundamentals of planning, organizing and implementing a comprehensive job search campaign. Emphasis is placed on identification of individual career goals, assessments of skills and abilities, exploration of career options, analysis of the job market, and effective use of employment search tools (e.g. resumes, cover letters, interviewing, networking, and management of career pathways and resources.) Course includes presentations by Career Services Professionals, Recruiters and Employer Representatives, and Graduate School Admissions Representatives.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SMT4664 - Problem-Based Instruction Math-Science

General

Course Description
Prerequisite: EDG3323
Description: This course focuses on exploring authentic, important, and meaningful questions and developing problem-based science/mathematics curriculum for Grades 6 - 12 students. Prospective teachers will gain an understanding of how they can facilitate students' application of the processes and technologies that scientists, mathematicians, and engineers use. Problem-solving approaches will emphasize the use of data representation, analysis, modeling, and content contextualization. This course contains a (minimum) 30-hour field component in a secondary school setting. Non-education majors will complete alternative assignments in lieu of the field component.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SMT6315 - Problem-Based Instruction in Math-Science

General

Course Description
The purpose of this course is to provide prospective STEM teachers with the opportunity to examine the interactions between content, pedagogy, curriculum, and the classroom context. These interactions can empower secondary students to develop a deep understanding of mathematics and science ideas. Prospective teachers will develop the skills, techniques, and dispositions to productively facilitate these interactions within and across science, technology, engineering, and mathematical (STEM) subject areas. They will engage in strategies necessary to become reflective and effective STEM educators in grades 6-12. This course contains a (minimum) 60-hour field component in a secondary school setting.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SMT6316 - Developing Creativity and Innovation in Elementary STEM Classrooms

General

Course Description
Description: This course emphasizes the role of inquiry, creativity, and innovation in elementary STEM classrooms. Strategies for the development of creative thinking and innovation are discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SMT6615 - Engineering in the Elementary Classroom

General

Course Description
Description: This course provides elementary teachers with an introduction to engineering, the engineering design process, and strategies for highlighting engineering in the elementary STEM classroom.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOP2772 - Human Sexual Behavior

General

Course Description
Description: This course will explore the psychological and physiological aspects of human sexual behavior. Emphasis will be placed on the cultural and biological diversity of sexual expression.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SOP3004 - Social Psychology

General
Course Description
Description: This course involves an introduction to the study of social influences on human behavior. The topics include social perception, affiliation, attraction, prosocial behavior, aggression, attitudes and attitude change, group behavior and leadership.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SOP3214C - Experimental Social Psychology

General
Course Description
Prerequisite: SOP 3004, PSY 3213 and PSY 3213LDescription: This course involves an introduction to the study of social influences on the behavior of individuals. The principles studied will be applied under controlled laboratory conditions.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

SOP3515 - Fundamentals of Conflict Transformation

General
Course Description
Description: This course explores the nature of conflict that is borne by individual, relational, cultural, and structural differences and inequalities. This course will teach undergraduate students the skills to engage in change efforts. Transforming conflict intrapersonally and pursuing peace building interpersonally, students are empowered to recognize and transform conflict in relationships, institutions, and organizations. The course is designed to facilitate a perspective that is insightful and competent in creating change for people whose culture, philosophy, racial identity, gender, sexual orientation, abilities, age, religious orientation, and socio-economic status are a damaging source of conflict.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SOP3723 - Culture and Psychology

General
Course Description
Prerequisite: PSY 2012
Description: This course introduces the student to the essential concepts and research in the fields of culture and psychology and cross-cultural psychology. Human behavior and mental processes in various cultures and ethnic groups will be studied. Topics covered in class include definitions of key terms, methodological

approaches to the study of culture, acculturation, ethnocentrism, multicultural competence, culture and health, culture and emotion, culture and language, culture and decision making, cultural values, and culture and organizations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

SOP3742 - Psychology of Women

General

Course Description
Description: This course involves an investigation of the major theories as they relate to psychology of gender. Findings from the field of psychology regarding aspects of sexual differentiation and gender roles in general, and for women in particular, will be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOP3751 - Psychology and the Law

General

Course Description
Description: This course is an introduction to the study of the legal system from a psychological perspective. The course will use psychological concepts and methods to aid in the understanding of the legal system. Topics include theories of criminal behavior, victimization, law enforcement, the jury trial, witnesses, verdict and sentencing, mental illness, corrections, and family law.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOP6069 - Advanced Social and Personality Psychology

General

Course Description
Prerequisite: SOP 3004 or equivalent, plus admission to the Master of Science in Psychological Science program or permission of the instructor.
Description: This course involves an in-depth survey of the research literature of social psychology, with emphasis on individual behavior. Topics will include, but are not limited to, aggression, attraction, social perception, personality, helping behavior, attribution, attitudes, applied social psychology, and communication.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW2031 - Introduction to Social Welfare and Social Work

General

Course Description
Description: This survey course provides an introduction to our nation's social welfare service system and the social work profession. Students will have an opportunity to learn about the history, values, ethics, methods, and practice settings of social work as well as the role social workers and social welfare policies and programs play in promoting social and economic justice for marginalized and oppressed populations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW3203 - Social Welfare Institutions

General

Course Description
Description: This course will examine the historical development and contemporary administration of major American social welfare policies and programs and critically analyze the political, economic, and social impact of those policies and programs on diverse and vulnerable populations. Students will learn how social welfare policy impacts social work practice as well as how social workers engage in policy practice to advance social and economic justice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW3213 - Social Welfare Policy

General

Course Description
Description: This course provides a historical overview and critical analysis of American social welfare institutions, policies, and programs. In particular, this course will examine the nature and evolution of major social welfare policies in the United States as well as the political, economic, and social impact of those policies on diverse populations. Students will be introduced to the basics of policy analysis and program evaluation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW3293 - Social Work Communication

General

Course Description
Description: This is a skills-based course in which students will have the opportunity to develop and refine communication skills critical to effective and ethical social work practice with diverse client systems. Mastery of course content will provide students with fundamental social work communication skills, including interviewing and listening, corresponding with clients and colleagues, documenting service provision, and writing reports.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW3403 - Social Work Research Methods

General

Course Description
Description: This course examines quantitative and qualitative research methods in an effort to equip students with the knowledge, ethics, and skills to utilize research to inform social work practice. Mastery of course content will enable students to appraise research literature on social work interventions; to distinguish and critique the utility of research design, sampling, and measurement strategies to evaluate social work services; to protect the dignity and rights of human subjects; and, to evaluate social work practice as well as engage in career-long learning.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW3620 - Social Work with Marginalized Groups

General

Course Description
This foundational social work course introduces you to cultural competence and social justice in the context of social work practice with diverse marginalized groups. Course content is grounded in the National Association of Social Workers (NASW) Standards and Indicators for Cultural Competence in Social Work Practice which equips social workers to engage in effective cross-cultural practices at the micro, mezzo, and macro levels. You will explore your cultural identities and the socio-cultural identities of individuals from historically oppressed groups within the U.S. You will also critically apply your awareness and knowledge to identify culturally sensitive social work approaches with individuals, within institutions, and in the broader society. Mastery of the course content will be demonstrated by your enhanced self and social awareness, increased cross-cultural knowledge, and developed cultural competence and humility relating to social work practice with marginalized groups.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW4101 - Human Behavior and the Social Environment I

General

Course Description
Description: This course provides an introduction to the social work view of the person in environment as well as an overview of theories of human development across the lifespan. Special emphasis will be given to the interactions between the person and family with systems of all sizes including groups, societies, and economic systems. The basic domains of system interaction (biological, psychological, social, cultural, spiritual, and identity) will be discussed especially as they relate to oppressed and at-risk populations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW4102 - Human Behavior and the Social Environment II

General

Course Description
Description: This course provides students with theoretical knowledge of human behavior and the social environment in preparation for social work practice with diverse client systems at the mezzo and macro levels. Utilizing an empowerment perspective and systems framework, this course examines theories and knowledge of human behavior in the contexts of groups, organizations, and communities.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW4122 - Inside the Asylum

General

Course Description
Description: Inside the Asylum engages students in a critical examination of the history of American psychiatry. Students have an opportunity to explore the evolution of existing theories of the etiology of mental illness, the sociopolitical economy of psychiatry, the rationalization of involuntary hospitalization and treatment, and the development and utilization of common treatment modalities. Students also have an opportunity to learn about the consumer/survivor and deinstitutionalization movements as well as contemporary psychiatry's growing reliance on psychopharmacological interventions. Particular emphasis is placed upon understanding the human rights abuses endured by individuals labeled as mentally ill and the social, political, and economic forces that negatively impact this disenfranchised group. This course will be of most interest and relevance to students who wish to work in mental health or human services.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW4302 - Social Work with Individuals and Families

General

Course Description
Prerequisite: SOW 3203
Description: This course provides a foundation in generalist social work knowledge and skills for practice at the micro-level with individuals and families with special emphasis given to oppressed and at-risk populations. Students will develop interpersonal communication, assessment, and service planning skills. Special attention will be paid to the influence of personal values and biases as they relate to ethical social work practice. Strategies for the resolution of ethical dilemmas and culturally competent practice will be introduced and reinforced.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW4322 - Social Work with Organizations and Communities

General

Course Description
Prerequisite: SOW 3203 Description: This course provides a foundation in social work knowledge, skills, and values for generalist practice with diverse client systems at the mezzo- and macro-levels in evolving organizational, community, and societal contexts. The role of social workers in advancing human rights and social and economic justice will be examined.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW4323 - Social Work Practice with Groups

General

Course Description
Description: This course focuses on the development of generalist practice skills for use in various group settings. Students will learn practice skills that contribute to group effectiveness in psycho-educational, socialization or support groups. These include group composition, structure, dynamics, goal setting, and evaluation. The course also examines the empirical bases for theories and models for generalist group practice.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

SOW4352 - Principles of Social Service Provision

General
Course Description
This course is designed to provide students with a generalist foundation in the knowledge and skills necessary to provide case management and referral services to diverse populations in a variety of social services settings. Students will have an opportunity to develop interpersonal communication, networking, problem-solving, and ethical decision-making skills. Students will be required to engage in self-reflection regarding personal characteristics and biases and to think critically about controversial issues within the contemporary social service delivery system.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

SOW4511 - Field Education I

General
Course Description
Prerequisite: SOW 3203, SOW 3293, SOW 3403, SOW 4XXX, SOW 4101, SOW 4102, and SOW 4322 Co-requisite: SOW 4522 Description: Field experience is integral to the education and professional socialization of social work students, providing a structured and supervised environment in which students may apply theoretical knowledge, test and refine practice skills, and adopt professional behaviors. Field Education I, the first of two consecutive courses, allows students to apply the generalist knowledge and skills acquired through academic courses to social work practice with a specific client system in a social services setting.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

SOW4512 - Field Education II

General
Course Description
Prerequisite: SOW 4511Co-requisite: SOW 4523Description: Field experience is integral to the education and professional socialization of social work students, providing a structured and supervised environment in which students may apply theoretical knowledge, test and refine practice skills, and adopt professional behaviors. Field Education II, the second of two consecutive courses, allows students to apply the generalist knowledge and skills acquired through academic courses to social work practice with a specific client system in a social services setting.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

SOW4522 - Field Seminar I

General

Course Description
Co-requisite: SOW 4511
Description: Throughout the Field Seminar I, students will engage in a process of self-assessment, examining personal values and biases as they impact interactions with clients and co-workers. Students will apply critical thinking and problem solving skills to experiences and ethical dilemmas encountered in the practice setting. The fieldwork experience allows students to apply the generalist knowledge and skills acquired through academic courses to work with diverse client populations to bring about planned change. Tools for addressing burnout and compassion fatigue will be examined. Students will also engage in strategies to mitigate the emotional turmoil that often accompanies beginning social work with micro and mezzo client systems through the use of professional supervision and self-reflection exercises.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW4523 - Field Seminar II

General

Course Description
Prerequisite: SOW 4522
Co-requisite: SOW 4512
Description: Throughout the Field Seminar II, students will continue to engage in a process of self-assessment, examining personal values and biases as they impact interactions with clients and co-workers. Students will apply critical thinking and problem solving skills to experiences and ethical dilemmas encountered in the practice setting. The fieldwork experience allows students to apply the generalist knowledge and skills acquired through academic courses to work with diverse client populations to bring about planned change. Special emphasis will be given to the planned change process on a macro level with organizations, communities and social welfare policy.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SOW4602 - Social Work in Health Care

General

Course Description
Description: This course prepares students with knowledge for practice within a broad array of health care settings. The content of the course will include an overview of the history of health care in the United States as well as current and emerging theory, practice, and research specific to social work practice in health care settings as they effect diverse client populations. Students will be expected to consider their roles as transdisciplinary team members and facilitators of health and well-being with individuals, families, groups, communities and organizations. The biopsychosocial-spiritual model, strengths perspective, and an emphasis on diversity and cultural competence will be infused throughout the course as students explore practice with clients experiencing challenges related to adapting to illness while navigating the ever-changing landscape of the healthcare system in the United States.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW4651 - Child Abuse and Neglect

General

Course Description
Description: This course provides students with knowledge and skills related to the theory, research, and implications of child and adolescent maltreatment for child development and well-being. Course content is presented within the context of child welfare practice and social work with children and adolescents in public

agencies and programs. Issues related to children, families, and communities are covered and attention is given to working with vulnerable populations. Particular attention will be given to federal and state child welfare statutes and the range of services provided by the Department of Children and Families and other child welfare agencies.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW4700 - Substance Abuse and Social Work Practice

General

Course Description
Description: This course provides an overview of addiction and substance abuse as it relates directly or indirectly to human behavior in the social environment. This course will analyze and evaluate specific treatment approaches and assessment tools for addiction treatment in the context of different client systems including child welfare, corrections, and military/veteran populations. This course will survey the impact and influence of substance abuse on individuals, family members, children and society as a whole. Special emphasis will be given to the role of the social worker in confronting substance abuse in traditional, generalist social work practice settings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW4724 - Child Welfare Practice

General

Course Description
Prerequisite: SOW4651
Description: This course provides a framework of values, knowledge and skills necessary to practice with vulnerable children and their families. The major focus is on social work in public child welfare in the State of Florida. The course utilizes an ecosystem perspective for understanding and assessing the special needs of at-risk children and families. Specific attention is on assessing families and children using the State of Florida's Safety Decision Making Method and other family assessment instruments.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW4905 - Directed Independent Study - Social Work

General

Course Description
Description: This course covers selected topics through independent study under the guidance, direction and examination of a faculty member specializing in the particular area chosen by the student. Repeatability: May be repeated for a total of 6 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

SOW4930 - Special Topics in Social Welfare

General

Course Description
This course will explore topics related to social welfare policy, practice, and research. The course may be repeated for a total of 9 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
3

SOW4944 - Child Welfare Practicum

General

Course Description
Prerequisite: SOW4651Co-requisite: SOW4724Description: This supervised practicum will allow students to apply the knowledge and skills acquired in academic courses to practice with diverse children and families in a public child welfare setting. Students will apply critical thinking and problem-solving skills to experiences and ethical dilemmas encountered in the practice setting. Students will also engage in a process of self-assessment, examining personal values and biases as they impact interactions with clients and co-workers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Other Hours

Other Hours Min:
3

SOW5107 - Human Behavior and the Social Environment

General

Course Description
Description: This course examines foundational theories, and perspectives that are critical to professional social work practice across the lifespan. Theoretical frameworks will be used to illuminate the impact of environmental factors that influence individual health, development, and psychosocial-spiritual functioning. Biopsychosocial challenges and strategies for responding to or confronting the challenges will be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5207 - Foundations of Social Work

General

Course Description
Description: This foundation course explores the philosophy and practice of contemporary social work from a historical perspective. In addition to examining the historical evolution and context of the profession's mission, values, ethics, and

roles, students will critically analyze controversial policy and practice issues that impact the profession as well as the vulnerable, marginalized, and oppressed populations historically served by social workers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5235 - U.S. Social Welfare Policies and Institutions

General

Course Description
Description: This course analyzes social welfare policy as it relates to social values, social problems, social structures, and social justice. In particular, students will consider the economic, political and ideological factors and processes that affect social welfare legislation, financing, implementation, and evaluation and examine frameworks for policy analysis and program evaluation, with applications to contemporary social service and income maintenance policies and delivery systems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5337 - Social Work Practice with Organizations and Communities

General

Course Description
Description: In this course, students will learn about the nature of organizations, government, and communities, and how these systems function and change. This course examines how organizational level policies inform social work practice and how practice informs policies, and reviews principles for evaluating and conducting research on organizations and their programs. The course will focus upon the process for policy development, including agenda building, analyzing problems, determining options, writing proposals, implementing policy, and evaluating practice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5404 - Methods of Social Work Research

General

Course Description
Description: This course examines quantitative and qualitative research methods in an effort to equip students with the knowledge, ethics, and skills to utilize research to inform social work practice. Research literature will be considered to distinguish and critique the utility of research design, sampling, and measurement strategies to evaluate social work services. Emphasis will be placed upon scientific and analytic approaches to building knowledge and skills, including: the role of concepts and theory, hypothesis formulation, operationalization, research design, data collection, data processing, statistical analysis, computer skills, and report writing.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5470 - Principles of Social Work Research and Theory: Academic Immersion

General

Course Description
Description: This course is designed to prepare students to become effective consumers and producers of research, and to evaluate their own practice using a sound foundation of research and theoretical principles. Students will learn to critically evaluate the research of others, and to select interventions that are based on evidence and theoretical underpinnings. Within this process, the following will be covered: writing for social work research and practice of the scientific method for building knowledge for social work practice, ethical standards for scientific inquiry, qualitative and quantitative research methodology, and the review and utilization of research findings. This course also emphasizes theories and strategies for advanced generalist practice such as ethical frameworks, person-in-environment/ecological approaches, problem-solving approaches, systems and developmental theories and their application to research and multicultural/ anti-oppressive practice in the community.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5625 - Difference, Discrimination and Oppression

General

Course Description
Description: This course examines social work's historical and current commitment to social justice as it relates to oppressed groups in a multicultural society. This course will seek to enhance student understanding of and appreciation for diversity in self and others. Course content will address issues of power, inequality, privilege, discrimination and the resulting oppression. Special emphasis will be given to the experience of oppressed groups in order to understand their strengths, needs, and responses. Course material will use a social justice perspective for the study of and practice with oppressed groups at all system levels, including those distinguished by race, ethnicity, gender, age, sexual orientation, disability, immigration status, religion and social class. This course will consider the ethical dilemmas faced by social workers in their empowerment and advocacy roles.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5931 - Generalist Practice I

General

Course Description
Description: This course provides a foundation in generalist social work knowledge and skills for practice at the micro-level with individuals and families with special emphasis given to oppressed and at-risk populations. Students will develop interpersonal communication, assessment, and service planning skills and learn to identify macro policy issues for consideration of advocacy. Students will engage in a process of self-assessment in order to recognize and mitigate the influence of personal values and biases as they relate to ethical social work practice. Strategies for the resolution of ethical dilemmas and culturally competent practice will be introduced and reinforced. Tools for addressing burnout and compassion fatigue will be examined.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5932 - Generalist Practice II

General

Course Description
Description: This course provides a foundation in generalist social work knowledge and skills for practice at the micro-level with individuals and families with special emphasis given to oppressed and at-risk populations. Students will develop interpersonal communication, assessment, and service planning skills and learn to identify macro policy issues for consideration of advocacy. Students will engage in a process of self-assessment in order to recognize and mitigate the influence of personal values and biases as they relate to ethical social work practice. Strategies for the resolution of ethical dilemmas and culturally competent practice will be introduced and reinforced. Tools for addressing burnout and compassion fatigue will be examined.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW5940 - Field Education I

General

Course Description
Description: Field education, the signature pedagogy of the social work profession, is integral to the education and professional socialization of social work students. Through field education, graduate students are provided a structured and supervised environment in a human service organization in which they apply theoretical knowledge, test and refine practice skills, and adopt professional behaviors. Field Education I, the first of two consecutive courses in the foundation year, introduces and allows students to apply the generalist knowledge and skills acquired through academic courses to social work practice with a specific client system.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

SOW5941 - Field Education II

General

Course Description
Description: Field education, the signature pedagogy of the social work profession, is integral to the education and professional socialization of social work students, providing a structured and supervised environment in which students will apply theoretical knowledge, test and refine practice skills, and adopt professional behaviors. Field Education II, the second of two consecutive courses, allows students to apply the generalist knowledge and refine interpersonal and organizational skills acquired through academic courses to social work practice with a specific client system in a human service organization.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

SOW6125 - Psychopathology

General

Course Description
Description: In this course students will learn to apply a biopsychosocial model to the assessment and diagnosis of mental, emotional, and behavioral disorders classified in the most current edition of the Diagnostic and Statistical Manual (DSM). In addition to learning how to use the DSM in social work practice, students will engage in critical analyses of the DSM, exploring the impact of oppression and bias on the classification, diagnosis, and treatment of disorders as well as the social construction of “mental illness.”

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW6126 - Advanced Interpersonal Practice with Children/Adolescents & Families

General

Course Description
Description: A primary goal for this course is to explore the spectrum of mental disorders that appear across the developmental span from childhood to adolescence. The disorders will be examined within the contexts of current knowledge and research and other factors that function as risks or protective factors that impact the mental health of children and adolescents. Through the lens of labeling and stigmatization, conceptualizations of mental disorders childhood and adolescence will be explored. In addition, the predominant classification system of disorders of childhood and adolescence, the Diagnostic and Statistical Manual of Mental Disorders will be presented. Indications for individual, group, and family treatment modalities will be defined.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW6445 - Practice and Program Evaluation

General

Course Description
Description: In this course students will learn how to utilize qualitative and quantitative research methods to enhance and evaluate their direct practice with diverse client systems as well the efficacy of service delivery programs. Special attention will be paid to the design and implementation of evaluation strategies as well as to the practical and ethical dilemmas inherent in practice and program evaluation. Students will complete this course with an understanding of how to plan and conduct an evaluation and utilize findings to improve social work practice and service delivery.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW6605 - Social Work in Health Care Settings

General

Course Description
Description: The primary focus of this course is the development of knowledge and understanding of social work practice methods in health care settings. The course is presented in three segments: 1) conducting biopsychosocial-spiritual assessments; 2) engaging in comprehensive and coordinated patient and family centered care strategies via the medical home model; and 3) understanding the implications for social work as a result of changes in federal health care policies. Throughout the course, students will discuss ethical issues, management of interdisciplinary challenges, diversity issues, and issues related to specific health conditions and disabilities.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SOW6646 - Advanced Interpersonal Practice with Adults and Elders

General
Course Description
Description: The first segment of this course will explore the aging process and its implications for individuals, families, groups, organizations, and communities. The purpose of this segment is to gain understanding about normative as well as idiosyncratic changes that accompany the aging process. In the second segment, the course will examine and explore the skills required to engage in effective practice with older adults and their families within a variety of clinical and community settings including medical hospitals, long-term care facilities, hospice, home-based care and other residential settings.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SOW6670 - Social Work Practice with the Military, Veterans, and their Families

General
Course Description
Description: This course will provide an introduction to social work practice with military service members, veterans, and family members. This course will explore military culture and its systemic influence on human functioning and social relationships. Special emphasis will be given to the specific needs of military families and the role of the social worker in addressing those needs. Course content will emphasize evidence-based interventions and resources for working with military families.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SOW6745 - Hospice and Palliative Care

General
Course Description
Description: This course will focus on social work roles in hospice and palliative care. Academic content will include: psychodynamic and developmental theories in death and dying, bereavement, spirituality, legal and ethical issues, pain and symptom management, hospice and palliative care with marginalized populations, care of LGBTQ persons who are dying, and hospice and palliative care at a mezzo and macro level. The course will train social workers to conduct comprehensive biopsychosocial spiritual assessments, coordination of care within family systems, and work within interdisciplinary teams. The course will also equip social workers with an understanding the impact of chronic life limiting illnesses and the impact of trauma on the death and dying process.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SOW6907 - Directed Independent Study in Social Work

General
Course Description
Description: This is a three credit course open to current graduate students in the UNF Social Work Program who have completed all generalist (first year) year requirements. The course provides opportunity for independent research of

advanced generalist social work practice in both agency and policy-related settings with diverse populations. The course will focus upon various fields of practice and populations within the social work profession.
Repeatability: This course can be repeated for a total of nine credit hours with the permission of the Program Director or Instructor.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
2

SOW6932 - Advanced Seminar in Clinical Practice

General
Course Description
Description: This course will introduce advanced clinical/therapeutic techniques such as Cognitive Behavioral Therapy, Motivational Interviewing and other evidence-based interventions. Special emphasis will be placed on linking theoretical framework to psychotherapeutic practice and skill development.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SOW6934 - Advanced Special Topics in Social Work

General
Course Description
Description: This course will explore various topics related to advanced generalist social work practice, policy, and research. This course is open to MSW students who have completed their generalist social work practice requirements and may be repeated for a total of 6 credits under different topics.

Credit Hours
Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
1

SOW6935 - Advanced Topics in Human Behavior

General
Course Description
Description: This special topics course will examine human behavior in the context of an advanced social work practice area, setting, or population. This course will focus upon the analysis, from a social justice perspective, of major theoretical frameworks used to explain development in children, adolescents, adults, and older adults. Each advanced topics course will focus upon specific diverse populations in the context of the social environment such as immigrant populations, LGBT populations, etc.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SOW6945 - Field Education III with Integrated Seminar

General

Course Description
Description: Field education, the signature pedagogy of the social work profession, is integral to the education and professional socialization of social work students, providing a structured and supervised environment in which students will apply and begin to demonstrate mastery of theoretical knowledge, test and refine practice skills, and adopt professional behaviors. This course provides students with an opportunity to expand social work practice to include advanced generalist interventions with clients in a human service organization. Advanced generalist practice emphasizes both clinical and administrative elements of social work practice, preparing students to assume a variety of roles. Students will utilize the seminar component of this course to address appropriate boundary setting and self-care associated with sound practice skills in clinical and administrative contexts.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

SOW6948 - Field Education IV & Integrative Seminar

General

Course Description
Description: Field education is integral to the education and professional socialization of social work students, providing a structured and supervised environment in which students demonstrate mastery of and the capacity to apply theoretical knowledge, test and refine practice skills, and adopt professional behaviors. This course provides students with an opportunity to refine advanced generalist practice skills. Students will utilize the seminar component of this course to address appropriate boundary setting and self-care associated with the development of clinical and administrative skills. The students will also demonstrate that they have matured professionally and are able to effectively utilize supervision, function within complex organizations, form collaborative relationships with clients and colleagues, and are able to articulate the role of a MSW within an organizational setting.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPB3603 - Diversity in Sport

General

Course Description
Description: This course will examine the impact and role of ethnicity, gender, and disability on sport and sport organizations. This process will include investigating how sport diversity has affected social class, sport participation and sport spectatorship. The sport industry is so diverse we will cover the professional sport teams, intercollegiate athletics, national governing bodies (NGBs), recreational and leisure settings, municipal sport settings, fitness sport; and non-profit entities (YMCA, YWCA, and others).

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPB6946 - Practicum in Sport Analytics & Athletic Administration

General

Course Description
The primary purpose of the course, is to link the theoretical and philosophical frameworks of sport analytics and/or athletic administration to practice in the field. The course requires students to perform in field settings as an assistant to a sport industry leader.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

SPC2608 - Fundamentals of Speech

General

Course Description
Introductory course emphasizing current theories of communication, audience analysis and persuasion. Preparation and presentation of speeches on topics of current concern. Conferences, evaluations and videotape replay provide personalized assistance. May be taken to satisfy teaching certification requirement in speech. (A material fee of $5 will be assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPC3540 - Theories of Persuasion

General

Course Description
Prerequisite: SPC 2608 or SPC 4064
Description:The primary goal of this course is to provide students with a solid grounding in theories, principles, and strategies of social influence as they apply to everyday contexts in which influence attempts take place. Students should gain familiarity with findings from empirical investigations on persuasion, social influence, and compliance gaining, and will learn about strategies and techniques of persuasion relation to a wide variety of real-life communication contexts, situations, and settings.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SPC4064 - Public Speaking for Professionals

General

Course Description
This course examines speaking as a workplace activity and provides students with experience in public speaking. The lectures will concentrate on communications theory, including but not limited to models of communication, interpersonal communication, group communication, persuasion, decision making and audience analysis and adaptation. The labs will be performance oriented. (A material fee of $5 will be assessed.)

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM2000 - Introduction to Sport Management

General

Course Description
Description: This course is designed to provide students a foundation in the field of sport management. It is an introductory course designed to generate interest and understanding in continued study of the sport industry. Students will have the opportunity to meet and interact with various sport management professionals in the local community and have the opportunity to network in the sport industry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM3044 - Sport Governance

General

Course Description
Description: Students will learn the structure and function of the various sport organizations. There will be signifiant focus on the National Collegiate Athletic Association (NCAA) which is the biggest governing body in collegiate athletics. This course challenges students to integrate management theory with governance and policy development practices. Case studies are incorporated so that students are able to utilize the concepts taught in the course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM3104 - Sport & Entertainment Facility Management

General

Course Description
Description: This course was designed to provide students the fundamental skills of sport facility management. Students will benefit from the real-world examples and detailed assessment of the various facility management issues. Some of the facility management issues covered are facility design, facility planning, event administration, marketing and sales, security planning, and risk management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM3180 - Developing the Student Athlete

General

Course Description
Description: The Developing the Student-Athlete course provides students with tools to learn how to navigate the demands of higher education and one's professional life after college. Students will learn about self, the community, and the world through various learning experiences. Student-Athletes at the Division I level face unique demands including but not limited to time spent engaged in their

sport-traveling academic regulations from the National Collegiate Athletic Association which typically exceed that of the traditional student and other pressures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPM3306 - Sport Marketing

General
Course Description
Description: This course is designed to provide students a basic knowledge and understanding of the principles of sport marketing as applied to the sport industry. Emphasis is on critical analysis in sport marketing management theory as it applies to the sport industry.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPM3703 - Sport Performance Analytics

General
Course Description
Prerequisite: STA 2023Description: This course provides an in-depth exploration of how data analytics and technology are applied to measure, evaluate, and enhance athlete and team performance. Students will learn to analyze performance metrics, develop predictive models, and utilize advanced tools such as wearable technology, player tracking systems, and biomechanical analysis. By integrating concepts from sports science, data analytics, and machine learning, the course will equip students with the skills to identify key performance indicators (KPIs), optimize training strategies, and improve decision-making in athletic performance. Real-world case studies and hands-on projects will allow students to apply performance analytics in practical sports contexts.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPM3948C - Sport Management Practicum

General
Course Description
Prerequisite: Department PermissionDescription: Participation in the practicum provides students an introduction to the sport industry through structured field experience in a professional sport organization. Site examples include (but are not limited to) college recreation or athletic programs, community recreation agencies, sport businesses, sport facilities, amateur athletic organizations and/or professional sports teams. Students are required to fulfill a minimum of 70 hours of work at a pre-approved site in addition to completing reflective and career development activities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

SPM4113 - Management & Leadership in Sport

General

Course Description
Description: This course provides an analysis of sport management pertaining to various levels of sport organizations. The theoretical underpinnings of management of athletic organizations, concepts of planning, organizational structure, human resource management, and leadership theory will be discussed.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM4324 - Data Visualization in Sport

General

Course Description
This course focuses on the principles and techniques of data visualization and storytelling as applied to sports analytics. Students will learn to transform complex sports data into clear, impactful visual narratives that drive decision-making for teams, coaches, athletes, and fans. The course emphasizes best practices for data visualization, including design principles, dashboard creation, and interactive tools. Students will gain hands-on experience using software such as Tableau, Power BI, R, and Python, to develop the ability to craft compelling stories that effectively communicate insights and engage diverse stakeholders in the sports industry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM4516 - Sales & Fundraising in Sport

General

Course Description
Description: This course is designed to provide a comprehensive overview for fundraising, donor relations, non-profit, and sport-related sales professions. This course will provide broad exposure to the nonprofit sector, with specific focus within the sport context. Students will develop an understanding of the essentials of fundraising operations and examine larger issues confronting today's fundraising managers. Topics will include: an overview of philanthropy and its importance in today's world; characteristics of nonprofit organizations and their differing fundraising needs and systems; motivations for giving; ethical concerns; prospect research; types of funding sources; planning; capital campaigns; annual giving; communications; grant proposal writing; solicitation techniques; the increasing impact of global philanthropy; digital fundraising; donor relations and retention; and the importance of donor research and analytics in the resource development process.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM4703 - Sport Business Analytics

General

Course Description
Prerequisite:STA 2023Description: This course is designed to help students develop and apply analytical skills that are useful in a general business environment, applied specifically to sports. Students will learn how to apply methods and principles in a wide range of applications: evaluating performance and decision making, hypothesis testing, interpreting market-based evidence, identifying directions of causation, and quantifying the magnitude of various effects. The course focuses on applications in the sport context and uses approaches that are rapidly becoming important in the business of sports analytics. This course provides hands-on experience in data visualization and introduces students to design principles for creating meaningful displays of quantitative and qualitative data to facilitate decision-making. The principles we aim to impart on students, taught through the lens of sports, will be useful in addressing many business-related issues, even outside of sports.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPM4705 - Applied Sport Analytics

General
Course Description
Prerequisite: STA 2023Description: This course provides students with practical, hands-on experience in applying data analytics techniques to real-world sports industry challenges. Students will explore methods for collecting, cleaning, analyzing, and interpreting sports data to inform decision-making for teams, organizations, and athletes. The course emphasizes the use of modern analytics tools, including Python, R, and visualization software, to analyze data related to player performance, game strategy, fan engagement, and business operations. Through case studies, collaborative projects, and experiential learning, students will develop actionable solutions that demonstrate the power of data-driven insights in sports. Pre-requisites: STAT2023 or equivalent. Sport management majors are required to complete SPM4703 prior to enrolling.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPM4931 - Special Topics in Sport Management

General
Course Description
This course provides undergraduate students with an opportunity to explore selected contemporary issues, trends, and challenges in sport management. Topics will vary by semester and may include areas such as sport marketing strategies, global sport management practices, technology in sport, and the social impact of sport. Through lectures, case studies, and experiential projects, students will gain a deeper understanding of how these topics influence the operations and strategies of sport organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
3

SPM4941 - Sport Management Internship

General
Course Description
Description: This course is the culminating experience for sport management majors. Students develop practical and leadership skills in a pre-approved professional settings including (but not limited to) college recreation or athletic programs, community recreation agencies, sport businesses, sport facilities, athletic amateur organizations and/or professional sports teams. Students are required to complete a minimum of 400 hours of work at a pre-approved site and complete a portfolio, presentation, project for organizational improvement, and reflective and career development activities.

Credit Hours
Credit Hours:
12

Contact Hours
Contact Hours Min:
12

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
12

Other Hours

Other Hours Min:
12

Number Of Repeats:
0

SPM5158 - Intercollegiate Athletic Administration

General

Course Description
Description: This course provides graduate students with a fundamental and practical knowledge regarding the administration of intercollegiate athletics. Students will gain a deeper understanding of the role of intercollegiate athletics on college campuses, the impact they have in and on society, and how to effectively provide some insight on college athletic programs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM5206 - Ethics and Issues in Sport

General

Course Description
Description: The purpose of this course is to promote critical evaluation of contemporary issues impacting the sport industry, as well as to encourage deeper thinking in regards to analyzing ethical concepts and applications associated with sport, and personal application. Through detailed examination of one's philosophy, clarifying values and refining personal, social, and ethical reasoning as associated with contemporary issues of interest, this course addresses matters within sport settings that may affect sport stakeholders and society.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM5308 - Marketing and Promotions in Sport

General

Course Description
Description: This course was designed to provide students an in-depth examination of the sport marketing mix of product, price, place, promotion, and well as sport marketing strategy and sport marketing research. Students will engage in advanced work in sport marketing and consumer behavior to develop a more rich understanding of how sport organizations generate revenue through sport marketing strategy and research. Students will apply fundamental sport marketing concepts through clinical experiences in the sport industry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM5506 - Sport Finance

General

Course Description
Description: This course is designed to provide students information concerning financial matters and business issues relating to the sport industry. Of particular importance is acquiring an awareness and understanding of basic financial responsibilities of sport administrators, managers, and coaches. The information presented should enable the student to develop a working vocabulary of significant financial terms along with financial concepts and issues that have particular reference to sport, the management of sport programs, and the sport industry.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM5605 - Sport Governance and Compliance

General

Course Description
Description: This course is designed to provide students practical applications of governance principles to amateur and professional sport organizations operating at the community, state/provincial, national, and international levels. The course presents a balanced view between accepted practice and what contemporary research evidence tells us about a range of governance principles and practices. The course will provide students an understanding of the mechanics of governance – the elements of structure, process and performance that ensure the governance function is carried out within sport organizations. There will be in-depth discussion of a number of contextual issues in sport governance, including dual leadership, ethics, governance change, and future governance challenges.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM6008 - Foundations of Sport Management

General

Course Description
Description: This course is designed to provide students, who do not have an undergraduate degree in sport management, with an overview of sport management. Students will be exposed to the foundations of the following components of sport management: sociocultural aspects in sport, management and leadership in sport, marketing in sport management, ethics in sport management, communication in sport management, budget and finance in sport management, legal aspects of sport management, and economic aspects of sport management, and governance of sport. Students will gain an appreciation of the importance of field experiences in sport management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM6106 - Sport Facility and Risk Management

General

Course Description
Description: This course provides students a comprehensive knowledge base of sport facility and human resource management. Students will develop an understanding of proper facility planning, construction and utilization, risk management, event administration, house and grounds management, systems management, marketing, finance and personnel issues related to sport facility management. Contemporary issues in sport facility management will be examined as well as the growing responsibilities and risks assumed by those working in sport management. Case study analysis and sport facility visits will be important teaching methodologies for this course.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM6705 - Applied Sport Analytics

General

Course Description
This course equips students with analytical and strategic mentalities to respond to the sport industry's demand for individuals who apply data science to solve business problems and challenges.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM6708 - Applied Sport Analytics

General

Course Description
This course equips students with analytical and strategic mentalities to respond to the sport industry's demand for individuals who apply data science to solve business problems and challenges.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM6709 - Introduction to Sport Analytics

General

Course Description
This course is designed to provide students with a basic understanding of how data is used in decision making in a variety of sports contexts.
Students develop and apply analytical skills that are useful in a general business environment, applied specifically to sports.
Topics include data management, data visualization, and the use of data analysis within decision making in sports.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPM6905 - Directed Independent Study in SPM

General

Course Description
Description: This course involves special studies undertaken independently by students under the supervision of a Sport Management faculty member. Students must have the faculty supervisor and Department Chairperson's approval for a special study prior to enrollment. Under the direction of a faculty member, the student will study a special topic in sport management/athletic administration throughout the course of a semester.
Repeatability: May be repeated with a change of content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

SPN1032 - Introduction to Spanish for Healthcare

General

Course Description
This course offers students an opportunity to start or review what they have learned in Elementary Spanish. Students will acquire new structures and health-related vocabulary, as well as examine some of the cultural factors that affect interactions between Spanish-speaking patients and healthcare providers. Emphasis will be placed on practicing the specific vocabulary and phrases needed to communicate with non-English speaking patients.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPN1120 - (FC) Beginning Spanish I

General

Course Description
Description: This course will give the student the opportunity to develop the foundations of an ability to read, write and speak modern Spanish. Native and heritage speakers of Spanish may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

SPN1121 - (FC) Beginning Spanish II

General

Course Description
Prerequisite: SPN 1120 or as determined by placement test results.Description: This course prepares the student to read, write and speak modern Spanish and prepares the student for more advanced study. Native and heritage speakers of Spanish may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

SPN1134 - (FC) Accelerated Beginning Spanish

General

Course Description
This course covers, in one course, similar listening, reading, speaking, writing, and intercultural competences to those presented in SPN1120 Beginning Spanish I (4 credit hours) and SPN1121 Beginning Spanish II (4 credit hours); it can be taken in lieu of SPN1120 and/or SPN1121. Accelerated Beginning Spanish reinforces novice-low-to-novice-high Spanish proficiency through instruction and practice in basic grammar, reading, writing, listening, and conversation, framed within the study of different cultures of the Spanish-speaking world. Upon successful completion of this course, students will be prepared to continue in Spanish at the intermediate level and will be eligible to take Intermediate Spanish I or its equivalent.

Credit Hours

Credit Hours:
6

Contact Hours
Contact Hours Min:
6

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
6

Lecture Hours
Lecture Hours Min:
6

Number Of Repeats:
0

SPN2200 - (FC) Intermediate Spanish I

General
Course Description
Prerequisite: SPN 1121 or SPN 1134 or as determined by placement test results.Description: This course stresses the development of communicative and functional language use at the intermediate level, building upon previously acquired structures through speaking, listening comprehension, reading and writing practice. Native and heritage speakers of Spanish may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPN2201 - (FC) Intermediate Spanish II

General
Course Description
Prerequisite: SPN 2200 or as determined by placement test results. Description: As the second half of the sequence for intermediate-level Spanish, this course stresses the development of communicative and functional language use at the intermediate level, building upon previously acquired structures through speaking, listening comprehension, reading and writing practice. Native and heritage speakers of Spanish may take this course only with the permission of the chair of Languages, Literatures and Cultures.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPN3013 - (FC) Spanish For Business

General
Course Description
Prerequisite: SPN3300: Spanish Composition OR SPN3242: Spanish Conversation OR SPN3350: Spanish for Heritage SpeakersDescription: This course provides students with the language skills and cultural awareness required to conduct business in Spanish-speaking countries.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPN3242 - Spanish Conversation

General
Course Description
Prerequisite: SPN 2200Description: This course develops conversational skills in Spanish at the intermediate level. It includes conversation on directed topics. For non-native speakers of Spanish only. Native and heritage speakers are encouraged to enroll in SPN3351 Communication and Communities for Heritage Speakers of Spanish.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPN3300 - Spanish Composition

General
Course Description
Prerequisite: SPN 2201 or as determined by placement test results.Description: This course focuses on improving students' ability to express themselves in writing while advancing their understanding of the complexities of the Spanish language. The course stresses clarity of communication and grammatical precision.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

SPN3350 - Spanish for Heritage Speakers

General
Course Description
Prerequisite: This course has no prerequisites, but is open only to native/heritage speakers of Spanish. Native speakers are understood to be those who were raised in a Spanish-speaking country. Heritage speakers are those who grew up in the United States or elsewhere outside of the Hispanic world and potentially have had no formal training in Spanish, but who have had regular contact with the language, usually at home.Description: This course is designed for native and heritage speakers who have had limited or no formal training in the language. The course places strong emphasis on grammar, as well as reading, writing and vocabulary building. The course features a cultural component which challenges students to reflect upon their own experiences as members of bilingual and bicultural families and communities, and to think critically about their place in the cultural context of the larger Spanish-speaking world.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

SPN3351 - Communication and Communities for Heritage Speakers

General
Course Description
Prerequisite: This course has no prerequisites, but is open only to native/heritage speakers of Spanish. Native speakers are understood to be those who were raised in a Spanish-speaking country. Heritage speakers are those who grew up in the United States or elsewhere outside of the Hispanic world and potentially have had no formal training in Spanish, but who have had regular contact with the language, usually at home.Description: This course emphasizes the development of techniques for conversation and public speaking in Spanish. Students will examine the implications of bilingual and bicultural identities and will study regional variations of Spanish. A variety of materials will be used as starting points for discussions, including articles, short stories, film and music. The course incorporates service learning components, which will allow students the opportunity to conduct projects with local Spanish-speaking communities and organizations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPN3392 - Film in Spanish

General

Course Description
Prerequisite: SPN2201 or SPN3350 or SPN3351 or by permission of the instructorDescription: This course offers students a basic preparation in the techniques of film analysis, film theory, and film production, centered on the Spanish-speaking world. Students will examine, discuss, and write about film production as an intercultural process in the twentieth and twenty-first centuries. This course will be taught in Spanish.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPN3503 - U.S. Hispanic Cultures

General

Course Description
Prerequisite: SPN3300 OR SPN3242 OR SPN3350 OR SPN3351Description: This course proposes a panoramic view of U.S. Hispanic cultures in the context of historical realities and cultural politics. It is organized around two main themes: (1) the historicity of the presence of Spanish-speaking cultures in the United States—not in terms of ethnic subcategories or demographic change but as a constitutive and foundational part of U.S. culture and society—and (2) cultural theory based on important texts produced by representative writers. For such purposes we will interact with a variety of short texts in Spanish; view video, film, art; listen to music; and access digital archival resources.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPN3510 - Cultures of Spain

General

Course Description
Prerequisite: SPN3300 OR SPN3242 OR SPN3350 OR SPN3351. Description: This course examines the history, people, and cultures of different regions of Spain comparatively through archival materials, architecture, art, literature and film. We will focus specifically on how Spain's multicultural heritage has manifested itself historically through its regional nationalisms, languages, ethnicities, and religions, and we will draw historical and contemporary connections between Spain, Latin America, and Europe.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPN3524 - Latin American Cultures

General

Course Description
Prerequisite: SPN3300 OR SPN3242 OR SPN3350 OR SPN3351Description: This course examines the history, people, and cultures of different regions of Latin America comparatively through archival materials, architecture, art, literature and film. We will focus specifically on how the multicultural heritage of Latin America has manifested itself historically through its regional nationalisms, languages, ethnicities, and religions, and we will draw historical and contemporary connections between Latin America, Spain, and the rest of the Americas.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPN3530 - Theater in Spanish

General

Course Description
Prerequisite: SPN2201, or SPN3350, or SPN3351Description: This course on Hispanic Theater offers students a creative experience with theater both as textual and performative artifact.Students will learn the basics of theater through a variety of original Spanish-language plays, by authors from Spain and Latin America, and they will explore other aspects of theater while practicing their advanced Spanish skills. Students will also practice writing for theater and dramatization exercises. The course may include writing, directing, and acting, in a final student-made production.This course is taught in Spanish and observes art production as an intercultural process of the global twentieth and twentieth first century. The prerequisite is SPN2201 Intermediate Spanish II (3 credit hours), or SPN3350 Spanish for Heritage Speakers (3 credit hours), or SPN3351 Communication and Communities for Heritage Speakers (3 credit hours), or by permission of the instructor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPN4036 - Spanish for Health Professions

General

Course Description
Prerequisite: SPN 3242, or SPN 3300, or SPN 3350, or SPN3351. Students with extensive prior experience in Spanish-language studies may waive these prerequisites, by permission of the instructor.Description: Spanish for Health Professions provides students with the linguistic and cultural skills, and the community-based experience, necessary for effectively treating Spanish-speaking patients or clients with medicalemergencies, illnesses and another health issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPN4400 - Advanced Grammar and Translation

General

Course Description
Prerequisite: SPN 3300 or SPN 3350Description: This course explores the basic principles of translation and interpretation, the theory, the methods, the challenges, the problems, and the satisfaction involved in rendering both written texts and oral statements from Spanish into English and vice-versa without losing the basic ideas, the intent, the stylistic level, and the linguistic register. The emphasis is on general material taken from journals, newspapers, electronic media, government publications, pre-recorded audio and video speeches and dialogues, and live presentations with some consideration of specialized material from the fields of business, literature, medicine, agriculture, biodiversity and sustainability, political science, advertisement, law, information technology, and sports. Emphasis will be placed on translating from Spanish to English, with some consideration given to English-Spanish translation.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

SPN4541 - Advanced Studies in Hispanic Cultures

General

Course Description
Prerequisite: SPW 3030 and SPN 3501, or permission from the course instructor or department chair.Description: This course will explore in depth a variety of issues related specifically to Spain, and/or Latin America, and/or U.S. Latinos. The course will center on specific topics. These may include, but are not limited to, the autonomous regions of Spain; contemporary Latin America and U.S. Latinos; the Southern Cone; revolution in twentieth-century Spanish America; colonial Spanish America; music, film and literature in Latin America; Spain during the Golden Age; and Latin American borderlands.Repeatability: This course may be repeated for up to 9 credits with a change in subject matter.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

SPN4860 - Digital Text Edit Spanish

General

Course Description
Prerequisite: SPN3242 or SPN3351 and, SPN3300 or SPN3350.Description: This course introduces students to the theory and practice of electronic textual editing in Spanish. Students will do hands-on work with manuscript and/or print materials from any period, corresponding to Spain, Latin America and/or Hispanic communities in the United States. Course participants will employ a variety of tools and technologies standard today in the electronic encoding and online publication of texts in the Humanities. Specific requirements will vary by term, according to the particular material under consideration. The language of instruction is Spanish.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPN4905 - Directed Independent Study in Spanish

General

Course Description
Prerequisite: Students must have successfully completed a minimum of five 3000- or 4000-level courses in Spanish prior to requesting an independent study. Description: This course provides a directed, individual study of a specific literary, linguistic or cultural topic related to the Spanish-speaking world. Departmental approval is required. This course is not open to Minors in Spanish.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
2

SPN4940 - Internship for Service/Employment in Spanish

General

Course Description
Prerequisite: SPN 3242, SPN 3300, SPW 3030 and two additional 3000/4000 level SPN/SPW courses. Minimum GPA: 2.5.Description: This course constitutes a coordinated internship in a social agency or business that requires students to employ their language skills and cultural awareness to perform a variety of tasks as determined by the internship provider and the academic supervisor. The internship will consist of a minimum number of hours in the field (i.e. 180 hours for experience in a place of employment or 90 hours for monitored volunteer work demanding the application of teaching and translating skills).Repeatability: Internships may not be repeated for Spanish credit.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

SPW3030 - Introduction to Literature in Spanish

General
Course Description
Prerequisite: SPN3242 OR SPN3300 OR SPN3350 OR SPN3351Description: This course consists of readings and analysis of brief literary selections to acquaint students with classic and contemporary Spanish and Latin American literary texts and the basic skills and terminology involved in literary criticism.Repeatability: This course may be repeated for up to six credits with different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

SPW3391 - Spanish Cinema

General
Course Description
Prerequisite: SPW 3030 or Students who already have substantial experience studying literatures and cultures of Spain may also take this course by the permission of the instructor. Description: This course will consist of a critical overview of Spanish cinema since the civil war. It will focus on the role different filmmakers have taken in defining, revising and questioning Spanish cultural identity, and will study the social, cultural, and political forces that have inspired such cinematic representations. Some topics to be considered will include women's roles in contemporary society, immigration and exile, globalization, and experiences of war.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPW3399 - Latin American Cinema

General
Course Description
Prerequisite: SPW 3030, or students who already have substantial experience studying literature and cultures of Latin America may also take this course by the permission of the instructor.Description: This course, which will be conducted in Spanish, consists of a critical overview of Latin American cinema. We will focus on the role different filmmakers have taken in defining, revising and questioning Latin American cultural identities, and we will study the social, cultural, and political forces that have inspired such cinematic representations. Some topics to be considered will include the politics of class, ethnicity, and gender in Latin America; experiences of war and impacts of organized crime; globalization; and migration.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPW4105 - Studies in Contemporary Spanish Literature

General

Course Description
Prerequisite: SPW 3030 or the permission of the instructorDescription: This course provides the opportunity for students to complete and present research or creative work within a project-based learning framework while studying special topics in the literature of Spain from the twentieth century to the present.This course may be repeated for up to six credits with different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

SPW4192 - Food in Latin American Literature and Culture

General

Course Description
Prerequisite: SPW 3030 or, for those with prior experience with literary studies in Spanish, to have received the permission of the instructor. Description: This course focuses on the subject of food as it is represented in Latin American literature and culture. We will examine texts that engage with the topic of food in the production of authors from various Spanish-speaking Latin American nations, who express themselves in a range of genres that include short story, essay, poetry, and film, from Colonial to contemporary times. Students will learn that food does not only play a fundamental role in survival, but that it also provides an expressive matrix for the articulation of cultural, ethnic, and gender issues.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPW4194 - Pirates in Hispanic Literature and Culture

General

Course Description
Prerequisite: SPW 3030, Students with extensive experience studying literature in Spanish before may also take the course by permission of the instructor.
Description: This course examines the representation of pirates in the literature and culture of the Spanish-speaking world from the sixteenth century to the present. We will examine the rhetorical uses of piracy and consider the symbolic values that are assigned to the figure of the pirate in response to political circumstances or in accordance with the criteria of different literary or artistic movements.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPW4373 - Technology and the Latin American Short Story

General

Course Description
Prerequisite: SPW 3030 and SPW 3383, or by permission of the instructor. Description: This course focuses on connections between the development of technologies in Latin America and the development of the 20th and 21st C. Latin American short story as an experimental genre. Technology, and the role of technocracy in Latin American societies, has been a recurrent theme in the Latin American short story. It has also defined the parameters of the genre, from the newspaper-focused writing of pioneers like Horacio Quiroga to new short story forms produced in digital and visual formats. As we read, we will discuss various technology-related social realities and changes over the course of the 20th and 21st centuries in Latin America.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SPW4409 - Medieval and Golden Age Spanish Literature

General

Course Description
Prerequisite: SPW 3030 or the permission of the instructor.Description: This course provides the opportunity for students to complete and present research within a project-based learning framework while studying special topics in Spanish Peninsular literature from the Middle Ages to the eighteenth century.This course may be repeated for up to six credits with different topics.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
2

SPW4471 - Studies in Colonial and 19th C. Latin American Literature

General

Course Description
Prerequisite: SPW 3030 or permission of the instructor.Description: This course provides the opportunity for students to complete and present research within a project-based learning framework while studying special topics in the literature of the colonial period and nineteenth century in Latin America.This course may be repeated for up to six credits with different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
2

SPW4498 - Studies in Contemporary Latin American Literature

General

Course Description
Prerequisite: SPW 3030 or permission of the instructor.Description: This course provides the opportunity for students to complete and present research within a project-based learning framework while studying special topics in Latin American literature in Spanish from the twentieth century to the present.This course may be repeated for up to six credits with different topics.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
1

SPW4523 - Women's Literature in Latin America

General
Course Description
Prerequisite: SPW 3030 or, for those with prior experience with literary studies in Spanish, to have received the permission of the instructor. Description: Women's Literature in Latin America is a course that focuses on the role of women in Latin American cultural and literary production. Through the study of texts in prose, poetry, drama and film, students will learn about the social construction of gender, the evolution of feminist thought, and the problems faced by Latin American women today. In addition, they will be able to connect the relationship between language, the creation of texts and the sociopolitical realities represented in them, and they will gain a deep understanding of the challenges and successes of women of diverse origins: racial, ethnic and class. The course is taught in Spanish.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SPW4600 - Don Quixote: Hero or Fool

General
Course Description
Prerequisite: SPW 3030 or, for those with prior experience with literary studies in Spanish, to have received the permission of the instructor. Description: Why do we read Don Quixote today? In this course, students will read and analyze Don Quixote from its relationship with different literary and cultural traditions, its innovative narrative structure, and the transformation of the figure of don Quixote into a modern myth and a ubiquitous visual icon in popular culture. Different theoretical approaches ("close reading', "distant reading", cultural studies) will be used to explore these issues.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SSE3313 - Social Studies Methods for Elementary Teachers

General
Course Description
Prerequisites: LAE3210 and TSL3080Description: This course examines standards, issues, and methods related to the teaching and learning of social studies in the elementary school. It includes and an emphasis on culture and the arts the integration of social studies content in English/Language Arts as ways of knowing and learning about civics, economics, geography, and history.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SSE4384 - Special Methods: Social Studies

General
Course Description
Prerequisite: EDG 3323Description: An examination of the instructional methods, materials, and curriculum for teaching secondary level social studies. This course requires a (minimum) 30-hour field component in a secondary school setting for education majors. Non-education majors will complete alternative assignments in lieu of the field component.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SSE6318 - Social Studies Methods for Elementary Teachers

General
Course Description
An examination and assessment of current emphases and strategies for social studies instruction in the elementary program.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SSE6385 - Special Methods in Teaching Social Studies

General
Course Description
An advanced analysis of the instructional methods, materials, curriculum, and research related to teaching secondary level social studies. This course contains a (minimum) 60-hour field component in a secondary school setting for all MAT students.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA2023 - (GM) Introductory Statistics

General
Course Description
Description: In this course students will utilize descriptive and inferential statistical methods in contextual situations, using technology as appropriate. The course is designed to increase problem-solving abilities and data interpretation through practical applications of statistical concepts. This course is appropriate for students in a wide range of disciplines and programs.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA2023C - (GM) Introductory Statistics with Recitation

General

Course Description
Description: In this course students will utilize descriptive and inferential statistical methods in contextual situations, using technology as appropriate. The course is designed to increase problem-solving abilities and data interpretation through practical applications of statistical concepts. This course is appropriate for students in a wide range of disciplines and programs. This course includes a weekly recitation session.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA3032 - (GM) Probability and Statistics for Engineers

General

Course Description
Prerequisite: MAC 2312. This course is a survey of the basic concepts in probability and statistics with applications in electrical, mechanical, and civil engineering. Topics include probability, common discrete and continuous probability distributions, estimation and hypothesis testing, and simple regression. (Cannot be used to satisfy degree requirements by mathematics and statistics majors).

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA3163 - (GM) Statistical Methods I

General

Course Description
Prerequisite: MAC 1105 or MAC 1147
This is the first in a two-term sequence in applied statistical methods. This course focuses on descriptive and inferential statistics for means and proportions in one and two groups, simple linear regression with its diagnostics, and the one-way analysis of variance. The course incorporates technology and uses SAS for analysis of statistical data.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ - Billing Hours
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

STA3164 - (GM) Statistical Methods II

General

Course Description
Prerequisite: STA 3163
This is the second in a two-term sequence in applied statistical methods. In this course, the focus is on more complex data models such as multiple regression, the higher-order analysis of variance, and logistic regression. Data analysis is carried out using the SAS program.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA4202 - (GM) Design of Experiments

General

Course Description
Prerequisite: STA 2014, STA 2023, STA 3032 or STA 4321. This course is an introduction to the statistical design and analysis of experiments. Topics covered will include single factor, multi-factor, randomized block, Latin square, incomplete block, factorial, fractional factorial, and nested designs.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA4222 - Design of Sample Surveys

General

Course Description
Prerequisite: STA 4321 or STA 2014. This course is an introduction to the techniques used to conduct sample surveys. Topics covered include simple random sampling, systematic sampling and cluster sampling.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA4321 - (GM) Probability and Statistics

General

Course Description
Prerequisite: MAC 2312 or the approval of the department
Description: This course will cover basic probability principles, random variables and univariate probability distributions, moments and an introduction to moment generating functions, introduction to sampling distributions and the Central Limit Theorem, and introduction to interval estimation and hypothesis testing.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

STA4322 - (GM) Statistical Theory

General
Course Description
Prerequisites: MAC 2313 and STA 4321
Description: This course will cover multivariate probability distributions, dependent and independent random variables, moment generating functions, sampling distributions and the Central Limit Theorem, the theory of estimation, and the theory of hypothesis testing.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
4

Number Of Repeats:
0

STA4502 - (GM) Nonparametric Methods in Statistics

General
Course Description
Prerequisites: STA 4321, STA 2014 or STA 2023. This course studies topics such as statistical inference when the form of the parent population is unknown. The course topics include one-sample and two-sample tests based on ranks; Kolmogorov-Smirnov type tests; and rank correlations.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA4504 - (GM) Categorical Data Analysis

General
Course Description
Prerequisite: STA 3163
Description: The Categorical Data course is an introduction to the methods used to analyze data that are categorical rather than continuous in nature. The topics include description and inference using proportions and odds ratios, contingency tables, Poisson regression, logistic regression, and multi-category logit models.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA4664 - Statistical Quality Control

General
Course Description
Prerequisite: STA 2014 or STA 2023 or STA 3032 or STA 4321
Description: This course provides an introduction to the methods of statistical quality control. Topics covered include control charts, acceptance sampling, and experimental design.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA4672 - Probability Models with Applications to Actuarial Science

General

Course Description
Prerequisite: MAC 2313, MAS 3105 and either STA 4321 or STA 3032
Description: Topics will emphasize applications to actuarial science and include: frequency and severity distributions, exponential distributions and Poisson processes, aggregate loss models, Markov chain models, Brownian motion. This course is recommended for students preparing to take the Society of Actuaries/ Casualty Actuarial Society Preliminary Examinations.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA4853 - Statistical Techniques for Time Series and Forecasts

General

Course Description
Prerequisite: STA 3163 or ECO 3411
Description: This course is an introduction to the analysis of time series data using time-domain techniques. It begins with simple graphical and weighted moving average analyses that yield commonly-used decompositions and forecasts. More complex autoregressive integrated moving average (ARIMA) statistical models will be developed for stationary and non-stationary series, and for regression with time-series errors. These techniques will be applied to examples in a variety of disciplines, ranging from meteorology to economics. This course is recommended for students interested in an actuarial career.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA4906 - Directed Individual Studies

General

Course Description
Prerequisite: Variable. Description: This course may be repeated for a total of 12 credits with permission of the department.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
3

STA4912 - Research Experience in Statistics - Independent Study

General

Course Description
Co-requisite: STA 4945
Description: Students will work with an advisor to complete their Capstone paper and presentation.

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

- Billing Hours
Min:
2

Other Hours

Other Hours Min:
2

Number Of Repeats:
0

STA4930 - Special Topics in Statistics

General

Course Description
Prerequisite: Permission of the department.
Description: This course will cover topics in statistics selected by the instructor.
Repeatability: The course may be repeated for a total of 12 credits with permission of the department.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
3

STA4935 - Seminar in Statistics

General

Course Description
Prerequisite: Permission of the department.
Description: This course may be repeated for a total of 12 credits with permission of the department.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
3

STA4945 - Capstone Experience in Statistics

General

Course Description
Prerequisite: STA 3163, STA 3164, and STA 4321 Co-requisite: STA 4322 and STA 4912Description: The instructor will determine the structure of the course, choosing among student-conducted course projects, student research, and/or seminars. The course will result in a student paper and presentation.

Credit Hours
Credit Hours:
1

Contact Hours
Contact Hours Min:
1

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Lecture Hours
Lecture Hours Min:
1

Number Of Repeats:
0

STA5126 - Statistical Methods for the Social Sciences

General
Course Description
This course covers the statistical methods most often used in social science research. Topics include regression and correlation analysis, analysis of variance, categorical data and nonparametric statistics. This course cannot be used to satisfy degree requirements by statistics and mathematics majors.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA5931 - Special Topics in Statistical Sciences

General
Course Description
Prerequisite: Permission of the department.
This is an introductory graduate level course in statistics, designed to support graduate programs in other departments in the University. This course may be repeated for 9 credits under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
8

STA6106 - Computer-Intensive Methods in Statistics

General
Course Description
Prerequisite: STA 4321. This course will cover a variety of statistical methods which are dependent on the availability of massive computational power. The course will include but is not limited to topics such as simulation techniques, randomization tests, Monte Carlo techniques, bootstrap methods, and numerical optimization methods. The course will involve extensive computer programming on the part of the students.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA6166 - Statistical Methods I

General
Course Description
Prerequisite: MAS 3105 and STA 4321. This is the first in a two-term sequence in statistical methods. This course is a blend of the theory and applications of regression analysis and of the design and analysis of data. It focuses on linear regression with one predictor variable, inferences involving regression coefficients and correlation analysis, diagnostics and remedial measures, multiple linear regressions and its diagnostics, and an introduction to the analysis of variance. Emphasis is placed on the application of these techniques to data and interpretation of the results. The course uses the statistical analysis software (SAS) for data analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA6167 - Statistical Methods II

General
Course Description
Prerequisite: STA 6166. This is the second in a two-term sequence in statistical methods. In this course, the focus is exploration of multiple regression (including model building, diagnostics, and remedial measures), multifactor studies using analysis of variance and covariance, and other topics in the analysis of categorical or multivariate data. The course uses the statistical analysis software (SAS) for data analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA6205 - Design of Experiments

General
Course Description
Prerequisite: STA 6166 or both STA 3163 and STA 4321
This course covers principles of design, single factor and multifactor design, randomized blocks, randomized incomplete blocks, Latin squares, factorial designs, split plot and related designs. It also covers random and mixed effects model for Analysis of Variance designs. The course uses the statistical analysis software SAS for data analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours Min:**
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA6226 - Sampling

General

Course Description
Prerequisite: STA 6166 or both STA 3163 and STA 4321. This course focuses on survey designs and covers simple probability samples, ratio and regression estimation, stratified sampling, and cluster sampling with equal and unequal probabilities. Some complex survey designs may also be included. The course uses the statistical analysis software SAS for data analysis.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA6326 - Mathematical Statistics I

General

Course Description
Prerequisite: MAA 4211 and STA 4321. This is the first in a two-term sequence in mathematical statistics. It covers topics such as probability, random variables, expected values, sampling distributions, Central Limit Theorem, estimation, properties of estimators, and order statistics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA6327 - Mathematical Statistics II

General

Course Description
Prerequisite: STA 6326 This is the second in a two-term sequence in mathematical statistics. It covers introductions to the theories of point estimation, interval estimation, and hypothesis testing. Topics on sufficiency, completeness, likelihood, and their applications to the exponential family are also covered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

STA6446 - Probability

General

Course Description
Prerequisites: MAS 3105, MAA 4211 and STA 4321
This is a course in advanced topics in probability. It covers probability distributions, conditional probability and conditional expectations. Some of the fundamental stochastic processes (Markov chains, the Poisson process, Renewal Theory, Brownian motion) will be covered.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA6505 - Categorical Data Analysis

General
Course Description
Prerequisite: STA 6166. This course is an introduction to the methods used to analyze categorical responses and contingency tables. Topics include models for binary response variables, logistic regression, logit models for categorical data, loglinear models and the estimation of model parameters.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA6666 - Statistical Quality Control

General
Course Description
Prerequisite: Permission of the department. This course covers the statistical properties, as well as the design, implementation, and operation, of various statistical process control (SPC) schemes including those based on Shewhart, cumulative sum, and moving average control charts. Methods appropriate for conducting a capability study will also be covered. The role of SPC in process improvement will be examined, as well as statistical models useful in quality control. Additional selected topics such as acceptance sampling will be presented as time permits. The statistical analysis software SAS will be used extensively.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

STA6703 - Statistical Learning with Big Data

General
Course Description
This course focuses on modern statistical learning concepts and methods for data science. We will delve into both supervised learning, covering classification and regression, and unsupervised learning, including dimension reduction and clustering. Throughout the course, we will examine a variety of techniques, including linear methods, model selection and regularization, tree-based methods, SVM, principal components, clustering, and ensembles.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA6707 - Multivariate Methods

General
Course Description
Prerequisite: MAS 3105, STA 6166. This course introduces a range of multivariate methods used for analyzing complex data sets with large numbers of variables. The following topics will be covered: multivariate analysis of variance, correlation, discriminant analysis, and factor analysis.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

STA6908 - Directed Individual Study

General
Course Description
Prerequisite: Permission of the department. May be repeated for 9 credits under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours
Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
8

STA6938 - Seminar in Statistics

General
Course Description
Various topics in statistics. May be repeated for 9 credits under different topics.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours
Operator:
TO

Number Of Repeats:
2

STA6940 - Statistical Consulting

General

Course Description
Prerequisites: Permission of instructor. The course is designed to give students hands-on experience with statistical consulting. The course covers problem formulation, statistical techniques, data analysis, and interpretation of the results of consulting problems. The course may be repeated for a total of 9 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours
Operator:
TO

Number Of Repeats:
2

STA6971 - Thesis

General

Course Description
Prerequisites: Permission of the department. May be repeated for 6 credits under different topics.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours
Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours
Operator:
TO

Billing Hours (Students)

● - Billing Hours
Min:
1

Billing Hours Max:
3

Billing Hours
Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours
Operator:
TO

Number Of Repeats:
1

SYA3300 - Sociological Research Methods

General

Course Description
This course is a general introduction to research methods in the social sciences, with emphasis on theory, measurement, research design, data collection and the ethics of research.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYA3310 - Qualitative Research Methods

General
Course Description
Prerequisite: SYA 3300. This course provides an overview of qualitative methods used in sociological research, including participant observation, interviews and archival research. Students will read exemplary studies, practice methods first hand, and learn how to use qualitative data to support an argument. Throughout the course we will discuss standards of ethical research.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYA3450C - Social Science Data Analysis

General
Course Description
Prerequisite: SYA 3300. This course introduces students to quantitative analysis of social scientific data. The course is designed to teach students how to manage, apply, interpret, and compute quantitative data from both primary and secondary sources. The course will involve substantial usage of computerized analytical techniques.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYA4010 - Sociological Theory

General
Course Description
A critical study of the development of sociological thought and theory, surveying the major conceptual, theoretical and methodological orientations from Auguste Comte to the present.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYA4654 - Sociological Approaches to Program Evaluation

General
Course Description
Prerequisite: SYA 3300 or SOW 3404Description: Program Evaluations are often required by government and private agencies to assess program processes and outcomes and used in decisions concerning whether programs should be continued, improved, expanded, or eliminated. In this class, we will explore the history of the program evaluation "movement" and the intersection of Evaluation Research and Applied Social Science. The course provides a framework through which the skill set developed in the basic research methods classes can be used to evaluate social programs in a variety of agencies, institutions and settings. Students will become familiar with a number of techniques and theoretical foundations utilized in Evaluation/Applied Sociology and provide hands-on experience working on an Evaluation/Applied Sociology project.

Credit Hours
Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

SYA4905 - Directed Individual Study

General

Course Description
Prerequisite: Ten hours of sociology. Selected topics for independent study under the guidance, direction and examination of a faculty member specializing in the particular area chosen by the student. May be repeated a total of 6 credits under different topics.

Credit Hours

Credit Hours:
2

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
2

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
1

SYA4914 - Sociological Research Experience

General

Course Description
Prerequisite: SYA 3300Description: This course provides advanced undergraduate students the opportunity to work with faculty on an active research project. Students will complete research tasks as assigned by their faculty mentor using skills developed in the sociology curriculum.Repeatability: This course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
2

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
2

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
2

SYA4930 - Special Topics in Sociology

General

Course Description
Exploration of topics of current importance in the field of social problems, social organization or the discipline of sociology. May be initiated by one or more faculty members or by students, in consultation with department chairperson. May be repeated a total of 15 credits under different topics.

Credit Hours

Credit Hours:
2

Credit Hours Max:
5

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
2

Contact Hours Max:
5

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
2

Billing Hours Max:
5

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
2

Lecture Hours Max:
5

Lecture Hours Operator:
TO

Number Of Repeats:
4

SYA4943 - Sociology Internship

General

Course Description
Prerequisite: SYA 3300Description: The Sociology internship is designed to give students a supervised pre-professional experience applying sociological knowledge and research methods in a community based organizational setting. Students will have the opportunity to identify projects and assess needs with the on-site supervisor, apply sociological skills of critical analysis and problem solving to organizational challenges, and develop their competencies navigating within a bureaucratic workplace setting. The internship experience will also assist students in identifying career paths, improving career skills, and developing a network of career professionals and mentors.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Other Hours

Other Hours Min:
3

SYA5933 - Special Topics in Sociology

General

Course Description
Description: This course provides an exploration of topics of current importance in the field of social problems, social organization or the discipline of sociology. This graduate course number is used in conjunction with an undergraduate course on the same topic.
Repeatability: This course may be repeated for up to 6 credits.

Credit Hours

Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
3

Lecture Hours Max:
6

Lecture Hours Operator:
TO

Number Of Repeats:
1

SYD3410 - Urban Sociology

General

Course Description
This course reveals how sociologists understand urban development and the impact of urbanization on social life. Specific topics include the role of power in urban growth, cities as sites of inequality, the provision of public services, and social control in the urban context. Students will also examine contemporary urban social problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYD3700 - Sociology of Race & Ethnicity

General

Course Description
This is an upper-level survey course that analyzes race and ethnicity through a sociological lens with attention to historical, political, and social contexts of racial issues. The course examines the formation and transformation of racial systems throughout US history, with a particular focus on colonialism, slavery, and segregation. Students will examine relevant sociological theories of race and ethnicity, including the social construction of race as well as the significance of structural racism across contemporary social institutions. The dynamics of race and ethnicity are also explored in relation to other social identities such as class, gender, and nationality.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYD3800 - Gender and Society

General

Course Description
This course is designed to explore the social meanings and political implications of gender in society. It will focus on gender as a taken-for-granted but problematic component of our lives, whether we are female or male. Sociologists now recognize that gender is a "social construction" which is open to re-definition and which has profound social implications. The course will explore topics such as: gender and sex role socialization; gender relationships; cross-cultural gender comparisons; and the effects of "the sex-gender system" on areas such as health, family life, religion, employment, crime, education, politics, and social change.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYD4237 - Sociology of Immigration

General

Course Description
This course focuses on a sociological understanding of historical and contemporary immigration to the United States along with modern global trends. Students will explore sociological theories that explain the causes and consequences of immigration, with an emphasis on the process of incorporation as shaped by social class, race/ethnicity, gender, and documentation status. Special attention is paid to current issues, including nativism through anti-immigrant policies, social inequalities faced by immigrants, and the social, cultural, and political impact of immigration.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYD4510 - Environment and Society

General

Course Description
This course provides a sociological approach to environmental problems. Specifically, the course examines four central issues surrounding environmental problems: (i) the nature, scope, and social consequences of environmental problems; (ii) the human causes of environmental problems; (iii) the human responses to environmental problems; and (iv) an alternative way of thinking about and responding to environmental problems.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYD4702 - Race, Place and Inequality

General
Course Description
Description: This course will examine place as a dimension of stratification in the United States. Increasingly, the places where we live shape our life chances: they determine the quality of schools we will attend, our access to economic opportunity, and even the cleanliness of the air we breathe. While all U.S. citizens are ostensibly free to choose their place of residence, we find that in actuality access to place is highly segregated both economically and racially, and that these two facets of stratification intertwine. Understanding the processes that lead to place stratification, and the means by which places produce or reproduce different life chances, is central to understanding inequality in the U.S.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

SYG2000 - Introduction to Sociology

General
Course Description
In this course, students will gain an understanding of the basic sociological concepts and vocabulary, including the methodological tools, sociological perspectives, and scientific procedures used by social scientists to collect data and conduct research. Topics generally include: society and culture, institutions, socialization, influences, crime, change, groups, sex, race and ethnicity, family, class, and population.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYG2010 - Social Problems

General
Course Description
This course surveys contemporary social problems with emphasis on their cause, impact and potential amelioration. Topics may include crime, inequality, prejudice, environmental degradation, mental health, and others. A range of theoretical perspectives are employed to analyze these issues.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYG2013 - Sex, Race and Social Class: A Sociological Examination of Culture and Diversity

General
Course Description
This class is designed to introduce students to the Sociological study of the issues of Race, Sex, and Social Class. In this class, we will examine a number of issues facing American society today and how these issues are inter-related. Special emphasis will be placed on discussing how those problems are (or are not) dealt with in our society.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYO3110 - Sociology of Sexualities

General
Course Description
Description: This course explores the relationship between sexualities and society. This includes how sexualities influence our lives, as well as how they are reflected in social norms, attitudes and beliefs. Sexualities will be analyzed as social and historical constructions, differing across time and space. Questions asked will include: Is there one sexuality or are there multiple sexualities? What are the theoretical approaches to sexuality/sexualities? What do sexuality/sexualities have to do with race, gender and social class? How are sexual identities constructed? Finally, the course will examine how the social construction of sexuality/sexualities influences our relationships, whether or not those relationships are primarily sexual.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYO3530 - Social Stratification

General
Course Description
An analysis of the economic, social, political and cultural dimensions of institutionalized social inequality, consequences for American social life and implications for social movements and social change.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYO4100 - Sociology of the Family

General
Course Description
A cross-cultural analysis of patterns of courtship, marriage and family life, focusing on the relationship between family and other social institutions and the consequences of these relationships for the individual in a changing industrial social order.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYO4200 - Sociology of Religion

General

Course Description
This course is an introduction to the sociology of religion. Students will read major works by leaders in the field, and examine the ways in which religion interfaces with and affects other social institutions. Particular attention will be given to current controversies in the social scientific study of religion.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYO4300 - Political Sociology

General
Course Description
A sociological analysis of political institutions viewed as constituent parts of the structure of society and of social processes, with special attention given to contemporary political movements and ideologies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYO4370 - Sociology of Work

General
Course Description
Work is a social phenomenon because it is done with a variety of other people - bosses, co-workers, and subordinates. In addition to examining workplace experiences, this course emphasizes the integration and juxtaposition of work with the rest of people's lives. Students will be introduced to theories and concepts dealing with interactions and relations between and among workers, their employers, and their subordinates.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYO4400 - Health, Illness and Society

General
Course Description
A critical analysis of the social context of health, illness, patient care and the practice of medicine. Of special interest are such issues as the distribution of health care, restraints and innovations in public policy pertaining to health and community health programs.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

SYO4461 - Media & Pop Culture

General

Course Description
This course will examine the role of media and popular culture in everyday life from a sociological perspective, using various sociological theories and concepts. There will be a particular emphasis on the globalization of society, the relationship between cultural consumption and identity, and postmodernism and hyperreality.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYO4536 - Social Inequality

General

Course Description
This course examines various axes of social inequality, including sex, race, and social class. It investigates the structural foundations of inequality and its impact on both individuals and societies. The course surveys classical and contemporary theories of inequality, and the policy interventions they inform.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYP3440 - Social Change and International Development

General

Course Description
This course analyzes social change in an increasingly interdependent world by comparing more developed countries to less developed countries. The course includes introductory information and perspectives on how social processes, relations and institutions within nations are affected by involvement in the modern world system.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYP3570 - Deviance and Social Control

General

Course Description
A critical analysis of the political and social process involved in the creation, maintenance, treatment and control of deviant behavior and an examination of selected deviant subcultures.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYP4013 - Sociology of the Body and Movement

General

Course Description
This course will examine embodiment, bodies, and movement from a sociological perspective, using various sociological theories and concepts. We will discuss how our bodies are shaped by social expectations and, in turn, shape how we view ourselves. Our bodies are not just vehicles for us to drive around. Our bodies affect our lived experiences and our mental health. Throughout the semester we will discuss and experience how movement impacts our bodies. As a class, we will experience movement and fitness in nature each week as it connects to the readings. Some of the movement-based activities will include but are not limited to walking the nature trails on campus, practicing yoga, and kayaking.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYP4050 - The Sociology of Human Interaction

General

Course Description
Focus is on contemporary sociological theories attempting to understand in terms of 1) the institutional context affecting the practical accomplishment of routine tasks and procedures in everyday life; and 2) the production of new institutional forms for example, role definitions, conventions, languages, codes.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYP4351 - Social Movements and Social Change

General

Course Description
An examination of contemporary social movements directed toward the acceptance of new definitions of social roles; the development of alternative priorities, life-styles and conceptions of the individual in relation to social institutions and commitment to basic social change.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYP4713 - Sociology of Childhood and Youth

General

Course Description
This course provides a theoretical and empirical understanding of the lives of children, adolescents, and young adults. It examines the socially constructed nature of childhood, as well as the social forces that impact the development of young people in our society. The curriculum considers variations in "childhood" across place, time, and social location, and examines how childhood experiences and socialization differ based on sex, race, and social class. Further, we will examine not just socialization at home, but also the socialization processes that take place as students interact with major social institutions, like schools and the media.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

SYP4730 - The Sociology of Aging

General

Course Description
An inter-cultural examination and analysis of 1) changes-in status, rights, roles, and circumstances which appear to come with age, 2) influences-of age-related biological and physiological factors on the individual's performance and behavior in society, and 3) adjustments-both societal and personal, to the events and processes of aging.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX3001 - Federal Income Tax

General

Course Description
Prerequisite: ACG 2071 with "C" or better
Description: This course focuses on the federal income tax law as it applies primarily to individuals.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX3011 - Income Tax for Corporations and Partnerships

General

Course Description
Prerequisite: TAX 3001 with "C" or better and ACG 3103 with a "C" or better
Description: This course focuses on the federal income taxation of corporations and partnerships.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX3721 - Tax Planning in Financial Decisions

General

Course Description
Prerequisite: ACG 2021 with a "C" or better
Co-requisite: FIN 3124
Description: This course is designed for those business students interested in a general understanding of the tax law and its implications for the planning and decision-making processes necessary for both individuals and business entities. Accounting majors may not take this course for credit.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX4901 - Directed Independent Study in Taxation

General

Course Description
Prerequisite: TAX 3001 with a "C" or better and permission of the instructor and department chairperson
Description: This course involves special studies undertaken independently by students under the supervision of an accounting department faculty member.
Repeatability: This course may be repeated with change of content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

TAX6045 - Tax Research and Writing

General

Course Description
Prerequisite: TAX 3001
Description: This course is designed to familiarize students with the various sources of federal tax law, to enable students to analyze tax problems, and to prepare tax briefs and memoranda to support their positions.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX6105 - Taxation of Business Corporations

General

Course Description
Prerequisite: TAX 3001
Description: This course involves an examination of federal tax issues of business corporations. Among other topics: the formation, the liquidation, and the sale of assets and enterprises will be considered.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX6405 - Federal Taxation of Gifts and Estates

General

Course Description
Prerequisite: TAX 3001 with a "C" or better
Description: This course involves an examination of the federal tax laws covering gifts and estates.
Availability: This course is usually offered only in the spring.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX6415 - Income Taxation of Estates and Trusts

General

Course Description
Prerequisite: TAX 3001 with a "C" or better
Description: This course involves the study of income tax problems associated with estate and trust planning.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX6505 - International Taxation

General

Course Description
Prerequisite: TAX 3011 with a "C" or better or TAX 6105 with a "C" or better
Description: This course involves a study of international taxation rules. Topics include a survey of the "source rules"; withholding tax issues; controlled foreign corporations; Subpart F and IRC n956 income; the foreign tax credit regime; utilization of tax treaties and executive agreements in tax planning; and transfer pricing rules. In addition, there will be a brief focus on foreign tax regimes as they affect the local activities of U.S. taxpayers.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TAX6905 - Advanced Studies in Taxation

General

Course Description
Prerequisite: TAX 6105 with "C" or better and permission of the instructor and department chairperson
Description: This course involves special studies in taxation undertaken independently under the supervision of an accounting department faculty member.
Repeatability: This course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
5

TAX6957 - Study Abroad in Taxation

General

Course Description
Prerequisite: Graduate standing in the Coggin College of Business and permission of the instructor
Co-requisite: ACG 6305 or equivalent
Description: In this course students will study a country's business practices, with a particular emphasis on taxation. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Credit Hours

Credit Hours:
1

Credit Hours Max:
9

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
9

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
1

Billing Hours Max:
9

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
9

Lecture Hours Operator:
TO

Number Of Repeats:
8

THE2000 - Theater Appreciation

General

Course Description
In this course, students will explore dramatic structure, techniques, and various organizational elements. The course provides an introduction to theatre as a collaborative art form through the critical analysis of its historical context, production, theory, and connections to theatrical literature, including the western canon.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

THE4904 - Independent Study in Drama and Theater

General

Course Description
Description: This course supports student-designed reading, research, or performance projects. Repeatability: The course may be repeated for up to 12 credit hours and requires departmental permission.

Credit Hours

Credit Hours:
1

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ - Billing Hours

Min:
1

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
6

Other Hours Operator:
TO

Number Of Repeats:
11

THE4935 - Special Topics in Drama and Theater

General

Course Description
Description: This course can be offered as a lecture, seminar, or studio course covering selected topics of interest in drama or theater.
Repeatability: This course may be repeated for up to 6 credits under different topics.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

TPP2100 - Acting I

General

Course Description
This is a beginning course in the fundamentals of acting. Students learn a working vocabulary and acquire basic skills of the acting process. Through formal and improvisational techniques for developing vocal, physical, and analytical skills associated with behavior-based acting, students explore the imagination as the actor's primary resource for building a character. Emphasis is on relaxation, trust, and mental agility. Some monologue and/or scene work may be required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
1

TPP3103 - Acting II

General

Course Description
Prerequisite: TPP 2100 or permission of instructor
This is an advanced course in acting that builds on skills learned in Acting I. Students gain a working knowledge of the analysis, rehearsal, and performance techniques associated with particular acting methods or styles. Different semesters focus on different styles depending on the semester's production schedule. Acting methods and styles include techniques associated with works in Realism and the American "Method" as practiced by Adler, Meisner, and Hagen; techniques associated with analysis and performance of the classical verse drama of Shakespeare and Moliere; techniques associated with Commedia, Expressionism, and Brechtian theater; techniques associated with more physically based systems such as Alexander and Suzuki. Students will read dramatic texts and theory. A commitment to substantial scene rehearsal is required. May be repeated for up to 6 credits.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ - Billing Hours

Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
1

TRA3035 - Foundations of Transportation

General

Course Description
Description: This course examines the development and the significance of transportation, economic characteristics of transportation modes, and the impact of regulation and deregulation. This course includes case analysis and current transportation management theory and practice.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TRA4132 - Purchasing Management

General

Course Description
Description: This course examines the policies and procedures pertinent to the acquisition of goods and services by public and private organizations. The course includes coverage of the purchasing, administrative, organizational, and continuing education functions of the NAPM's certified purchasing manager examination.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TRA4139 - Seminar in Purchasing and Materials Management

General

Course Description
Description: This course examines advanced concepts in purchasing and materials management with emphasis on recent research and current practices. This course is cross listed as MAN 4579.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TRA4202 - Logistics Systems Management

General

Course Description
Prerequistie: STA2023
Description: This course examines the design, operations and control of logistics systems for producing and servicing firms. Emphasis is placed on customer service in the management of all activities involved in moving products, services and information from point of origin to point of use and as a means of achieving a sustainable competitive edge.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TRA4210 - Logistics Subsystems Analysis

General
Course Description
Description: This course focuses on the components, functions and analysis of the logistics subsystem.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TRA4234 - Warehouse Management

General
Course Description
Description: This course covers warehousing functions, facility operations, and operational productivity improvements and measurements. With the inclusion of concepts from marketing, finance, statistics, operations management, and human resources, the course presents an integrated business approach to the detailed operational aspects of logistics facilities such as warehouse and distribution centers. The course will use real-world warehouse data to design the layout and operational requirements for a local warehousing facility.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TRA4721 - International Logistics

General
Course Description
Description: This course covers a variety of aspects of International Logistics for establishing and sustaining global operations. Issues addressed include the strategic and operational roles of logistics in the international arena; the role of shipping, air and other forms of international freight transportation in international logistics and their impact on world trade; international distribution and marketing channels; the logistics mix in an international context; and the management of import/export shipments including documentation requirements.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
● **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TRA4910 - Directed Individual Study

General
Course Description
Prerequisite: Permission of the department chair and a faculty supervisor
Description: This course is a study of special topics under faculty guidance.
Repeatability: This course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours
Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

TRA4935 - Special Topics in Logistics

General

Course Description
Description: This course is a study of special topics not offered in other logistics courses.
Repeatability: This course may be repeated with a change in content up to a maximum of 6 credits.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

- Billing Hours

Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Lecture Hours

Lecture Hours Min:
1

Lecture Hours Max:
3

Lecture Hours Operator:
TO

Number Of Repeats:
1

TRA4945 - Logistics Internship

General

Course Description
Prerequisite: MAN3504, MAR 3023, and TRA 3035 or TRA 4202, each with a "C" or better, GPA of 2.75 or better, and prior approval of the Logistics Program DirectorDescription: This internship is designed to provide the student with significant experience in transportation and logistics management. The internship provides the student with an opportunity to apply their educational background to logistical issues in firms.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours

Min:
3

Other Hours

Other Hours Min:
3

Number Of Repeats:
0

TRA4956 - Study Abroad in Logistics

General

Course Description
The same course was removed off the catalog due to not offering it for 5 years. However, we are starting to offer the course in Spring 2025.This course allows students to study a country's business practices, with a particular emphasis on logistics. During this course, the student will understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

- Billing Hours

Min:
3

Lecture Hours
Lecture Hours Min:
3

TRA5223 - Production, Marketing, Logistics Management

General
Course Description
Prerequisite: Graduate standing
Description: This course is an analysis of the production, marketing and logistics functions.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TRA6015 - Graduate Survey in Transportation

General
Course Description
Description: Students will individually and collaboratively review and address significant problems of practice in transportation planning, management, and policy.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TRA6137 - Strategic Sourcing

General
Course Description
This course is concerned with supply management strategies and activities from original planning through final delivery of finished goods and services. Among the topics to be covered are purchasing, relationships portfolios, negotiations, and ethics and social responsibilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TRA6157 - Supply Chain Management

General
Course Description
This course covers the integration, operations, management and strategic implications of electronic supply chain management for manufacturing and service firms. Emphasis is placed on the processes that span multiple firms within the supply chain from source to end-customer.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TRA6216 - Strategic Logistics Management

General

Course Description
This course covers a total system approach to managing all activities involved in moving material, products, services and information from point of origin to point of use. Emphasis is placed on customer service as a means of gaining a competitive advantage.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TRA6725 - International Logistics

General

Course Description
This course covers a variety of aspects of international logistics for establishing and sustaining global operations. Issues addressed include the strategic and operational roles of logistics in international trade; the role of shipping and air transportation in international logistics and its impact on world trade; international distribution channels; the logistics mix in an international context; and the management of import/export shipments including documentation requirements.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TRA6905 - Directed Individual Study

General

Course Description
Prerequisite: Permission of the department chair
Description: This course is a study of special topics under faculty guidance.
Repeatability: This course may be repeated for a total of 6 credits with different course content.

Credit Hours

Credit Hours:
1

Credit Hours Max:
3

Credit Hours Operator:
TO

Contact Hours

Contact Hours Min:
1

Contact Hours Max:
3

Contact Hours Operator:
TO

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Billing Hours Max:
3

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
1

Other Hours Max:
3

Other Hours Operator:
TO

Number Of Repeats:
1

TRA6906 - Research Project

General

Course Description
Description: Students will creatively address significant problems of practice in collaboration with others using inquiry informed by observation, multiple perspectives, research, and theory toward improving logistics and supply chain management.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL3080 - ESOL Foundations: Culture and Language

General
Course Description
Description: This course examines English for Speakers of Other Languages (ESOL) issues that are relevant to teaching English language learners (ELLs) in K-12 settings. The course covers basics to understanding four main sections: (1) culture as a factor in ELLs' learning; (2) language as a system to support ELLs' acquisition of English in order to learn and to read, write, and communicate orally in English; (3) language acquisition and development to support ELLs' learning; and (4) second language literacy development to support ELLs' learning.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL4240 - Applied Linguistics and Grammar in TESOL

General
Course Description
Description: The focus is on understanding modern Standard English usage in teaching English to speakers of other languages (TESOL). This class covers the major concepts in linguistics that relate to how languages work and how they can be described in TESOL. Students gain knowledge of the various components that make up the system of any language, but investigate the English language in depth. Topics covered include phonetics, phonology, morphology, syntax, semantics, etc. These concepts and concerns are studied with an eye toward their practical application to TESOL. This course also examines elements of English grammar, concentrating on parts of speech and sentence structure. A descriptive rather than a prescriptive approach is taken.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL4324 - TESOL for Secondary Content Area Teachers

General
Course Description
This course is designed to prepare secondary content area teachers (not including Secondary English teachers) and K-12 teachers, including Art Education, Music Education, and Physical Education, to teach and accommodate ESOL (English for Speakers of Other Languages) students in the mainstream secondary classroom. This course will include a 36-hour ESOL field component in a secondary school.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL4340 - TESOL Methods and Curriculum

General

Course Description
Prerequisite: TSL 3080 Description: This course is designed to assist students in integrating the theories and principles of second language learning and applying them to classroom instruction. ESOL methodology and curriculum will be emphasized as they relate to current best practice in ESOL instruction. A field experience requiring students to work in classrooms serving English language learners is required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lab Hours

Lab Hours Min:
3

Number Of Repeats:
0

TSL4441 - Assessment in ESOL Settings

General

Course Description
Description: In this course and in agreement with the conceptual framework, candidates will be prepared to impact English Language Learners (ELLs) by learning and developing various second language assessment practices. The course will examine the fundamental principles and various practices of second language assessment. It will also provide an overview of assessment techniques and instruments for four language skills (listening, speaking, reading, and writing) and opportunities to explore and develop creative assessment instruments. Assessment issues involving placement, diagnosis evaluation, use of traditional assessment instruments and procedures, and use of alternative assessment methods will also be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TSL4520 - ESOL Cross-Cultural Communication

General

Course Description
Description: The overall objective of this course is to prepare teachers to understand the background of ESOL students, to increase their success in content areas, and to create a positive learning environment for all students in the classroom. Participants will study culture and learn about their own culture to better understand their students' culture. Emphasis will be placed on the effect of culture on communication and learning. Participants will develop lessons and activities that will enhance cross-cultural communication among all peoples. This class will cover the standards for the domain of culture recommended by TESOL Cultural sensitivity. Culture will be discussed in a way that may appear to convey criticism or praise. However, all cultures have their strengths and weaknesses. No culture is in any way superior or inferior to any other, except as an adaptation to a specific environment.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TSL4944 - TESOL Practicum

General

Course Description
Students develop classroom teaching skills for teaching English to speakers of other languages (TESOL) through a supervised teaching practicum in an English language center or other provider of English language and literacy programs. Students develop a reflective approach to their development as English language teachers through the practicum placement, lectures, microteaching, and written reflection. Department permission required.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

Number Of Repeats:
0

TSL6142 - ESOL Curriculum Development

General
Course Description
A review of theories, principles, research, and instructional practices related to first and second language acquisition. Instruction of Limited English Proficient students will be emphasized and issues of curriculum development and evaluation will be applied to development and modification of curriculum materials.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL6245 - ESOL Language and Literacy Development

General
Course Description
Description: This course provides a comprehensive overview of the important theories and research in language and literacy development and their teaching implications for English language learners (ELLs) and English for speakers of other languages (ESOL), bi-/multi-lingual, or heritage language learners , with major emphasis on second language (L2) language and literacy development. It examines various factors that influence ESOL language and literacy development including first language (L1) influence. It explores various teaching and assessment strategies that will help teachers maximize the learning potentials of ESOL learners.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL6254 - Applied Linguistics and Grammar for Educators

General
Course Description
Description: This course examines elements of English grammar, concentrating on parts of speech and sentence structure. A descriptive rather than a prescriptive approach is taken. The focus is on understanding modern Standard English usage. In addition, attention is paid to the major concepts in linguistics that relate to how languages work and how they can be described. Students gain knowledge of the various components that make up the system of any language, but investigate the English language in depth. Topics covered include phonetics, phonology, morphology, syntax, and semantics. These concepts and concerns are studied with an eye toward their practical application to teaching students who are English language learners.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL6325 - TESOL Methods: Content Instruction

General

Course Description
Description: This course focuses on helping emergent bi-/multi-linguals construct meaning in classroom literacy and content-instruction activities in content areas in all grade-levels and beyond. In this course, candidates examine language teaching methods and models, and effective, integrative instructional practices in the teaching of content area subjects to the emergent bi-/multi-linguals. This course also explores curriculum standards, methods and practice of assessment for English language learners, including the in-depth discussion of language proficiency assessment, classroom-based assessment, and identification of English language learners; ESOL and special education; instructional design and classroom management appropriate for content specific classrooms in which emergent bi-/multi-linguals are participants. This course is required for all TESOL candidates. A minimum of 15 hours' fieldwork and community service activities in ESOL/bi-/multi-lingual settings is required.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TSL6345 - Methods of Teaching in ESOL and Bilingual Settings

General

Course Description
Prerequisite: Teaching certificate or admission to the COEHS. This course is an examination of issues and methods for teaching English as a second language in grades K-12 and adult education programs. Techniques and strategies for teaching the communication skills of listening, speaking, reading, and writing will be emphasized.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TSL6440 - Assessment in ESOL Settings

General

Course Description
Prerequisite: Teaching certificate or admission to the COEHS. This course is designed for teachers working in settings serving students whose native language is not English. Assessment issues involving placement, diagnosis evaluation, use of traditional assessment instruments and procedures, and use of alternative assessment methods will be explored.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TSL6525 - Cross-Cultural Communication and Knowledge

General

Course Description
This course is a study of multicultural issues for ESOL teachers. Emphasis is on developing cultural awareness, applying cross-cultural knowledge to classroom management and instruction, understanding sociocultural influences on identity development, and understanding values, beliefs, customs, lifestyles, and non-verbal communication of non-native and dialect speakers of English.

Credit Hours

Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL6700 - Issues in ESOL for School Counselors

General
Course Description
This course provides an overview of key issues related to the schooling of English Language Learners (ELLs) and struggling readers as they affect school counselors. Emphasis is placed on such dimensions of diversity as culture, ethnicity, race, language, social class, exceptionality, gender, age, sexual orientation and their implications for educational policy, curriculum, and methodology.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TSL6915 - Directed Individual Study and Research

General
Course Description
Prerequisite: EDF6480 or EDG6911
Description: During this course, teacher candidates analyze recent research literature and conduct research related to TESOL. Teacher candidates examine TESOL-related research to promote their construction of meaning in order to make informed instructional decisions that help English language and content learning of English language learners (ELLs). Students write a review of literature and/or conduct a research study in a chosen area. Department permission is required to take this class.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Other Hours
Other Hours Min:
3

TSL6940 - TESOL Practicum

General
Course Description
Description: This course requires teaching experience in the field with English Language Learners. Peer and instructor class observations and coaching sessions will be given during weekly seminar-style meetings and in the field. Practicum students' structured experiences in classroom observations, lesson planning, and assisting/facilitating lessons for ELLs, will be based on current research and practices in TESOL (Teachers of English to Speakers of Other Languages). Candidates and the practicum instructor collaborate with various ESOL programs in the community to facilitate the practicum for the candidates.

Credit Hours
Credit Hours:
3

Credit Hours Max:
6

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
3

Contact Hours Max:
6

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Billing Hours Max:
6

Billing Hours Operator:
TO

Other Hours

Other Hours Min:
3

Other Hours Max:
6

Other Hours Operator:
TO

TSL6945 - Professional Internship in TESOL

General

Course Description
Prerequisite: TSL6940
Description: This course provides teacher candidates with an opportunity to draw upon and integrate the knowledge, skills, and dispositions from coursework into a supervised teaching intership. The course is designed to offer knowledge that informs curricular and instructional decisions in order to plan supportive environments for English Language Learners (ELLs). Through this internship experience, candidates will be given the opportunity to examine the influences of the (a) curriculum and subject matters, (b) teachers, (c) ELLs, (d) parents, and (e) external influences on teacher decision-making. This course is recommended for students who want advanced, practical teaching experiences with ELLs beyond the TSL 6940 TESOL practicum. Department permission is required to take this class.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TTE4004 - Transportation Engineering

General

Course Description
Prerequisite: CGN 3322C and STA 3032
Description: This course offers an introduction to transportation engineering, including the characteristics of transportation modes, interaction between modes, facility design consideration, planning of transportation systems, economics, public policy, implementation and management.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TTE4106 - Transportation Planning

General

Course Description
Prerequisite: TTE 4004
Description: This course introduces the fundamental topics in urban transportation planning and forecasting. It provides the students with a thorough understanding of various transportation planning models including trip generation, trip distribution, mode choice, and traffic assignment. It also presents information about the process of transportation data analysis and model development.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

● **- Billing Hours Min:**
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

TTE4201 - Advanced Transportation Engineering

General

Course Description
Prerequisite: TTE 4004
Description: This course provides comprehensive coverage of the principles of traffic engineering with an emphasis on road and intersection analysis and design, including the following topics: volume and speed studies, traffic control devices, signal design and timing, and traffic simulation tools.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TTE4203 - Highway Geometric Design

General
Course Description
Prerequisite: TTE 4004
Description: This course encompasses the use of the American Association of State Highway and Transportation Officials (AASHTO) policy on Geometric Design of Highways and Streets. This course provides a detailed coverage of the principles and techniques necessary for the design of the highway geometric elements.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TTE4276 - Intelligent Transportation Systems

General
Course Description
Prerequisite: TTE4004
Description: This course is intended to increase student's understanding of the application of advanced computer and communications technologies to address improvements in transportation and in the areas of safety, productivity and general mobility. The student will learn the application of these technologies in the multimodal surface transportation infrastructure of highways and streets, as well as passenger cars, trucks, buses and trains.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TTE4314 - Traffic Operations

General
Course Description
Prerequisite: TTE 4004
Description: This course entails the use of the Highway Capacity Manual in evaluating the Level of Service for various transportation facilities.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TTE6205 - Operational Analysis of Transportation Facilities

General

Course Description
Description: This course provides a detailed coverage of capacity and level of service analysis of freeways, surface streets, signalized and unsignalized intersections using methodologies of the Highway Capacity Manual.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TTE6255 - Traffic Signal Systems

General
Course Description
Description: This course provides comprehensive coverage of the timing of coordinated traffic signal systems with an emphasis on computer analysis and simulation, including a treatment of the following topics: data collection, timing analysis via Synchro, time-space diagrams, controller functions for coordination, field implementation, traffic responsive operation, project evaluation, and system maintenance.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TTE6272 - Intelligent Transportation Systems

General
Course Description
Description: This course is intended to increase student's understanding of the application of advanced computer and communications technologies (Intelligent Transportation Engineering - ITS) to address improvements in transportation and in the areas of safety, productivity, and general mobility. The student will learn the application of these technologies in the multimodal surface transportation infrastructure of highways and streets, as well as passenger cars, trucks, and trains.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

TTE6315 - Highway Safety Analysis

General
Course Description
Description: This course provides a detailed coverage of safety analysis using methodologies of the Highway Safety Manual developed by the American Association of State Highway and Transportation Officials (AASHTO). Topics covers include; crash modification factors, safety performance functions, principles and techniques used in identification and evaluation of high crash locations, and corrective measures to enhance highway safety.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

TTE6607 - Transportation Demand Analysis

General

Course Description
This course presents the core topics in travel demand modeling with a focus on aggregate four-step models. It provides information about travelers' decision behavior in the context of daily travel choices in transportation networks. It also covers discussions on the impact of some of the current transportation planning policies.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

TTE6805 - Advanced Highway Geometric Design

General
Course Description
Description: This course provides a detailed coverage of the principles and techniques necessary for the design of the highway geometric elements. Emphasis will be on the design criteria and methods necessary to prepare a set of highway plans.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

UFLC0001 - FLC Group

General
Credit Hours
Credit Hours:
0

Credit Hours Max:
12

Credit Hours Operator:
TO

Contact Hours
Contact Hours Min:
0

Contact Hours Max:
12

Contact Hours Operator:
TO

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
0

Billing Hours Max:
12

Billing Hours Operator:
TO

Lecture Hours
Lecture Hours Min:
0

Lecture Hours Max:
12

Lecture Hours Operator:
TO

WOH1012 - (GW) World History I

General
Course Description
This course will provide a survey of world history from earliest human prehistory to the later middle ages. It will introduce students to the major civilizations and societies of Europe, Asia, Africa and the Americas. It will trace key developments in political organization, religion, culture and society in the different regions of the world, and will compare those developments in order to provide insight into the fundamental dynamics of human history. The course will also explore the interactions between the different regions, in order to assess the role of intercultural contacts in promoting change in human societies. Gordon Rule additional writing credit.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

WOH1022 - (GW) World History II

General
Course Description
This course will provide a survey of world history from the later middle ages to the present. It will introduce students to the major civilizations and societies of Europe, Asia, Africa and the Americas. It will trace key developments in political organization, religion, culture and society in the different regions of the world, and will compare those developments in order to provide insight into the fundamental dynamics of human history. The course will also explore the interactions between the different regions, in order to assess the role of intercultural contacts in promoting change in human societies. Gordon Rule additional writing credit.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ZOO3713C - Comparative Vertebrate Anatomy

General
Course Description
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2012C. This course will compare the evolutionary morphology of the Chordata. The lecture will be supplemented with the laboratory dissection of representatives including the shark, mudpuppy, and cat. Three hours lecture, four hours laboratory. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ZOO3733C - Human Structure and Function

General
Course Description
Prerequisite: BSC 2012C
Description: A systematic approach will be used to study the structural and functional anatomy of the human body. Tissues, organs, and internal processes of systems (i.e. circulatory, excretory, and reproductive) will be examined in a three hour lecture. Normal and abnormal functioning of body processes and associated disorders and diseases will be discussed. Case studies will provide opportunity for integration of studied material. A corresponding four hour laboratory will accompany the lecture to provide visual anatomical identification, including dissections and microscopic slides. This course includes dissection of preserved animals. NOTE: Students who have completed BSC2085C and BSC 2086C may not complete this course for upper-level credit towards a B.S. in Biology or B.S. in Biomedical Sciences degree.
Course Fees: A laboratory fee of $51.93 will be assessed

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ZOO4203 - Invertebrate Zoology

General

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
4

Number Of Repeats:
0

ZOO4208C - Coastal Invertebrate Biology

General

Course Description
Prerequisite: PCB 3043CThis course will include an examination of the diversity, ecology, and evolutionary history of aquatic invertebrates in coastal habitats. Current topics such as sea level rise and pollution of aquatic habitats will be discussed. This course includes experimentation with living and/or preserved animals. (A laboratory fee of $51.93 will be assessed.)

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ZOO4234C - Parasitology

General

Course Description
Prerequisites: BSC 1010C, BSC 1011C, BSC 2012C
Anatomy, physiology, life cycles, epidemiology and control of protozoan and helminth parasites that affect vertebrates. Three hours lecture, four hours laboratory. (A laboratory fee of $51.93 will be assessed.)

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
4

Lecture Hours

Lecture Hours Min:
3

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ZOO4407 - Biology of Sharks and Rays

General

Course Description
Prerequisite: BSC 2012C
Description: This course will introduce students to the diversity, taxonomy, evolution, anatomy, physiology, and ecology of sharks, skates, and rays. Course format will include presentations by the instructor and guest lecturers, discussion of current research, and student research projects.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ZOO4424L - Crocodilian Behavioral Ecology

General
Course Description
Prerequisite: BSC2012C
Description: This course introduces students to the ecology, conservation, anatomy, and evolutionary history of the crocodilians. The course includes lectures by the instructor, field trips, and student participation in ongoing crocodilian research projects in Florida and Georgia.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
● **- Billing Hours**
Min:
4

Lab Hours
Lab Hours Min:
4

Number Of Repeats:
0

ZOO4454C - Ichthyology

General
Course Description
Prerequisites: BSC 1011C, BSC 2012C
Ichthyology is the study of fishes. Topics covered during this course include anatomy, physiology, taxonomic diversity, life history, and ecology of fishes. Different techniques for the study of fishes will be introduced during the laboratory. The laboratory involves experimentation with living animals and/or dissection of preserved animals. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
● **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ZOO4462C - Herpetology

General
Course Description
Prerequisites: BSC 1010C, BSC 1011C, and BSC 2012C
This course focuses on the natural history of amphibians and reptiles with emphasis on systematics and evolutionary adaptations. The course includes three hours of lecture, two hours of laboratory and two hours of field work. This course includes dissection and experimentation on live and/or preserved animals.
(A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
● **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ZOO4485 - Biology of Marine Mammals

General

Course Description
Prerequisites: BSC 2012C and PCB 3043C
This course focuses on the biology and ecology of marine mammals, with an emphasis on understanding how marine mammals are adapted to their environment. Selected topics would include taxonomy, zoogeography, anatomy, physiology, behavior, conservation and management of marine mammals.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ZOO4513 - Animal Behavior

General

Course Description
Prerequisite: BSC 2012C
Description: This course emphasizes understanding animal behavior from an evolutionary and ecological perspective. Using a comparative approach, we will explore the basic questions of how and why animals behave in certain ways to survive, obtain resources and reproduce. Case studies, from both field and laboratory research, will be integrated throughout this course and examples will be drawn from a variety of animal groups to illustrate major concepts. Through this course learners will develop the conceptual framework to understand and appreciate the diversity and complexity of animal behavior.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

ZOO4513L - Animal Behavior Laboratory

General

Course Description
Prerequisite: BSC 2012CCo-requisite: ZOO 4513Description: his inquiry-based laboratory course in animal behavior will build upon the complementary lecture course. Laboratory sessions will incorporate two main components. First, skill development will be achieved through pre-designed exercises in both lab and field settings. Second, the primary component of the course will be the design and implementation of a semester-long original research project. Throughout the course, students will work collaboratively in small groups to design and implement an original observational research study on an animal and question of their choice. This research project will enable students to actively apply the scientific method from hypothesis generation through data interpretation and communication of findings.

Credit Hours

Credit Hours:
1

Contact Hours

Contact Hours Min:
1

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
1

Lab Hours

Lab Hours Min:
1

Number Of Repeats:
0

ZOO4551C - Dolphin Behavioral Ecology

General

Course Description
Prerequisite: BSC 2012CDescription: This course is a combined field- and seminar-based course that focuses on the behavior and ecology of dolphins. In addition to participating in a weekly series of seminars (lectures), students will receive hands-on experience performing boat-based field research via weekly participation in the UNF Dolphin Biology Program, which is focused on estuarine dolphins in northeast Florida waters.

Credit Hours

Credit Hours:
4

Contact Hours

Contact Hours Min:
4

Billing Hours (Students)
⚫ - Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
1

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

ZOO4559L - Shark Ecology

General
Course Description
Description: Permission of Instructor Required. This course is a combined field-based and seminar-based course that focuses on the ecology of sharks. Students will be introduced to the general ecology of sharks by participating in research seminars, field trips, and hands-on experience performing field research on shark ecology. This will be conducted with the UNF Shark Biology Program, which examines the abundance and distribution of sharks in northeast Florida waters

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lab Hours
Lab Hours Min:
3

Number Of Repeats:
0

ZOO4752 - Histology

General
Course Description
Prerequisite: BSC 2012C and PCB 3023C
Description: This course focuses on the structure and function of cells comprising healthy tissues and organs. Students will learn to identify all major cell types and their functions in the human body. Lecture material will include an organ system approach to the human body including molecules to organ systems.

Credit Hours
Credit Hours:
3

Contact Hours
Contact Hours Min:
3

Billing Hours (Students)
⚫ - Billing Hours
Min:
3

Lecture Hours
Lecture Hours Min:
3

Number Of Repeats:
0

ZOO4823C - General Entomology

General
Course Description
Prerequisites: BSC 1010C, BSC 1011C, BSC 2012C
This course will investigate the taxonomy, structure, physiology and ecology of the major evolutionary lineages of the insects. This course includes experimentation with living and/or preserved animals. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ - Billing Hours
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ZOO5206C - Advanced Entomology

General

Course Description
Description: Insects represent one of the most diverse groups of organisms on the planet. In this course we will investigate the evolution, taxonomy, anatomy, physiology and ecology of the major evolutionary branches of the insects. We will consider the interactions between insects and other groups of organisms with a special emphasis on their relationship to humans. This course has a required lab component where students create an insect collection from the wild. This process includes collecting, killing and preserving insects.

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ZOO5455C - Advanced Ichthyology

General
Course Description
Prerequisites: PCB 4713C or permission of the instructor.
Ichthyology is the study of fishes. Topics covered during this course include anatomy, physiology, taxonomic diversity, life history, ecology, and behavior of fishes. Different techniques for the study of fishes will be introduced during the laboratory section. Students will be required to do an independent research project in fish biology. The laboratory involves experimentation with living animals and/or dissection of preserved animals. (A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ZOO5463C - Advanced Herpetology

General
Course Description
Prerequisites: BSC 2020C, ZOO 3713C or permission of the instructor.
In this course we will study the biology of two vertebrate classes, the Amphibia and Reptilia. We will consider some critical evolutionary adaptations emphasizing anatomy and physiology of each of these groups, and then survey important members of various families. The first half of the course is devoted to amphibians, and the second half to reptiles. Students will read about a topic, plan a study, collect data, and write a term paper in the field of Herpetology. This course includes dissection and experimentation on live and/or preserved animals.
(A laboratory fee of $51.93 will be assessed.)

Credit Hours
Credit Hours:
4

Contact Hours
Contact Hours Min:
4

Billing Hours (Students)
⚫ **- Billing Hours**
Min:
4

Lecture Hours
Lecture Hours Min:
3

Lab Hours
Lab Hours Min:
1

Number Of Repeats:
0

ZOO5487 - Advanced Biology of Marine Mammals

General

Course Description
Co-requisite: ZOO 5487L
Description: This course is designed to provide students with an in depth understanding of the biology and ecology of marine mammals, with an emphasis on understanding how marine mammals are adapted to their environment. Selected topics would include taxonomy, zoogeography, anatomy, physiology, behavior, conservation and management of marine mammals.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ZOO5514 - Advanced Animal Behavior

General

Course Description
Description: This course focuses on developing an advanced understanding of animal behavior from an evolutionary and ecological perspective. Using a comparative approach, we will explore the basic questions of how and why animals behave in certain ways to survive, obtain resources and reproduce. Case studies, from both field and laboratory research, will be integrated throughout this course and examples will be drawn from a variety of animal groups to illustrate major concepts. Through this course learners will develop the conceptual framework to understand and appreciate the diversity and complexity of animal behavior.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ZOO5754 - Advanced Histology

General

Course Description
Co-requisite: ZOO 754L
Description: This course focuses on the structure and function of cells comprising healthy tissues and organs. Students will learn to identify all major cell types and their functions in the human body. Lecture material will include an organ system approach to the human body including molecules to organ systems. Graduate students will review current primary literature in histology. Requires graduate standing and permission of the instructor.

Credit Hours

Credit Hours:
3

Contact Hours

Contact Hours Min:
3

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
3

Lecture Hours

Lecture Hours Min:
3

Number Of Repeats:
0

ZOO5754L - Advanced Histological Techniques Lab

General

Course Description
Co-requisite: ZOO 5754
Description: This course focuses on the structure and function of cells comprising healthy tissues and organs. Lecture topics will be integrated into the laboratory through histological diagnostics at the light microscope-level. Students will analyze prepared microscope slides of tissues and organs. The laboratory also involves resection of murine tissues, comparative processing and preparation of microscope slides, immunohistochemistry, epifluorescent microscopy and digital photography and processing of final images. Graduate standing and instructor permission required.
Availability: Every other year

Credit Hours

Credit Hours:
2

Contact Hours

Contact Hours Min:
2

Billing Hours (Students)

⚫ **- Billing Hours**
Min:
2

Lab Hours

Lab Hours Min:
2

Number Of Repeats:
0