

Undergraduate Catalog 2008 - 2009



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Professional Accreditations/Approvals:

AACSB International — The Association to Advance Collegiate Schools of Business
(Undergraduate and Graduate — Business, Accounting)
American Association of Nurse Anesthetists, Council on Accreditation of Nurse Anesthesia Education Programs
(Graduate: Nursing - Nurse Anesthetist Concentration)
American Chemical Society (Undergraduate)
American Council for Construction Education (Undergraduate — Construction Management)
Association for University Programs in Health Administration (Undergraduate)
Commission on Accreditation of Allied Health Education Programs (Undergraduate — Athletic Training)
Commission on Accreditation for Dietetics Education (Undergraduate and Graduate)
Commission on Accreditation of Healthcare Management Education (CAHME)
Commission on Accreditation in Physical Therapy Education / American Physical Therapy Association
Commission on Collegiate Nursing Education (Undergraduate and Graduate)
Computing Accreditation Commission of the Accreditation Board for Engineering and Technology
(Undergraduate — Computer Science and Information Systems)
Council for Accreditation of Counseling and Related Educational Programs (CACREP)
Council on Education of the Deaf
Council on Rehabilitation Education (CORE)/Commission on Standards and Accreditation
Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology
(Undergraduate — Civil Engineering, Electrical Engineering, and Mechanical Engineering)
Florida Board of Nursing (Undergraduate)
Florida Department of Education (Undergraduate and Graduate)
National Association of Schools of Music (Undergraduate)
National Association of Schools of Public Affairs and Administration/Commission on Peer Review and Accreditation
National Council for Accreditation of Teacher Education (Undergraduate and Graduate)
National League for Nursing Accrediting Commission (Undergraduate)

This catalog contains a description of the various policies, academic programs, degree requirements, course offerings, and related matters intended to be in effect at the University of North Florida during the 2008 - 2009 academic year. However, any matter described in this catalog is subject to change. 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.

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Chartered as a state university in 1965, the University of North Florida opened its doors to its first class of students in 1972. That fall 2,000 juniors, seniors and master's degree students enrolled in the University's 21 undergraduate and four graduate degree programs. Twelve years later, in 1984, UNF admitted its first freshman class, and in 1990 the university enrolled its first doctoral students.

By the fall of 2007, UNF's student body had grown to more than 16,500 students, enrolled in 53 undergraduate, 27 master's, and three doctoral degree programs. Increasing numbers of these students come from all across Florida, as well as from throughout the country and beyond. These increases notwithstanding, the University continues to serve the educational needs of the region, with Northeast Florida residents constituting the majority of the UNF student body.

Since its inception, UNF has grown from 117 to more than 600 full-time faculty members teaching in the University's five colleges. These faculty members are teacher-scholars who engage their students in the process of discovery through transformational learning opportunities.

The University of North Florida provides its students with a broad array of quality undergraduate and graduate programs in the liberal arts and professional fields. Through these offerings, the University has earned a reputation for academic excellence. In addition, UNF plays a vital role in the cultural, economic and civic life of Northeast Florida.

BROOKS COLLEGE OF HEALTH 620-2810 Fax (Dean's Office)..... 620-1030	Art & Design 620-4037 Fax..... 620-4038	Academic Advising 620-2985 Fax..... 620-2988
Athletic Training & Physical Therapy *620-2841	Biology 620-2830 Fax..... 620-3885	Construction Management 620-2683 Fax..... 620-2573
Academic Advising 620-2812 Fax..... 620-1770	Chemistry & Physics 620-2729 Fax..... 620-1989	School of Computing 620-2985 Fax..... 620-2988
Public Health Department *620-2840	Communication 620-2651 Fax..... 620-2652	School of Engineering 620-1390 Fax..... 620-1391
School of Nursing 620-2684	Criminology & Criminal Justice 620-1724 Fax..... 620-1718	Distance Learning 620-2695 Fax..... 620-2694
COGGIN COLLEGE OF BUSINESS 620-2590	English 620-2273 Fax..... 620-3940	COLLEGE OF EDUCATION & HUMAN SERVICES 620-2520 Fax..... 620-2522
Accounting & Finance 620-2630 Fax..... 620-3861	History 620-2886 Fax..... 620-1018	Academic Advising *620-2530 Fax..... 620-1135
Career Management Center 620-2067	Mathematics & Statistics 620-2653 Fax..... 620-2818	Childhood Education 620-2611 Fax..... 620-1025
Center for Economic Education 620-2470	Music 620-2961 Fax..... 620-2568	Educational Field Experiences 620-3934 Fax..... 620-3936
Economics & Geography 620-2640 Fax..... 620-1300	Philosophy 620-1330 Fax..... 620-1840	Exceptional Student & Deaf Education *620-2930 Fax..... 620-3895
International Business Program 620-2395	Political Science & Public Administration 620-2977 Fax..... 620-2979	Foundations & Secondary Education 620-2610 Fax..... 620-1025
Center for International Business Studies 620-1694 Fax..... 620-2594	Psychology 620-2807 Fax..... 620-3814	Leadership, Counseling & Instructional Technology 620-2990 Fax..... 620-2982
Management 620-2780 Fax..... 620-2782	Sociology & Anthropology 620-2850 Fax..... 620-2540	Doctor of Education Program 620-2990
Marketing & Logistics 620-2780 Fax..... 620-2782	University Gallery 620-2534	Educational Leadership Master Program 620-2990
Professional Education 620-1515 Fax (Dean's Office)..... 620-2594	World Languages 620-2282 Fax..... 620-2288	School Counseling Program 620-1826
Small Business Development Center 620-2476 Fax..... 620-2567	COLLEGE OF COMPUTING, ENGINEERING & CONSTRUCTION 620-1350 Fax..... 620-2385	Technology Center 620-2991
Student Services *620-2575 Fax..... 620-2832		
COLLEGE OF ARTS & SCIENCES 620-2560 Fax (Dean's Office)..... 620-2929		
Academic Advising *620-2797 Fax..... 620-2799		

The Office of Enrollment Services (includes Academic Center for Excellence (ACE), One Stop Student Services) is normally open 8 a.m. to 6 p.m. Monday through Thursday, and 8 a.m. to 5 p.m. on Friday. University operating hours may vary during registration, holidays and spring break. Please contact the appropriate office or department for operating hours during these times.

Note: Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation (ADA/Section 504) If you are inquiring about obtaining an ADA/Section 504 reasonable accommodation for a student seeking admission or a student enrolled at UNF, please contact the Disability Resource Center at (904) 620-2769; employees, faculty members and general questions should be addressed to the UNF ADA Compliance Office, Portable 832B/1002, 1 UNF Drive, Jacksonville, FL 32224 or by phone at (904) 620-2870. This catalog is available in an alternative print format for those who may need it as a reasonable accommodation as related to ADA/Section 504; please contact the Vice President for Academic Affairs (904) 620-2700. For those individuals with hearing or speech impairments who may need access to the Florida Relay Service (TDD), the telephone number is 1-800-955-8771 or 7-1-1.

Cover illustration by UNF graphic design student Brittany Norris.

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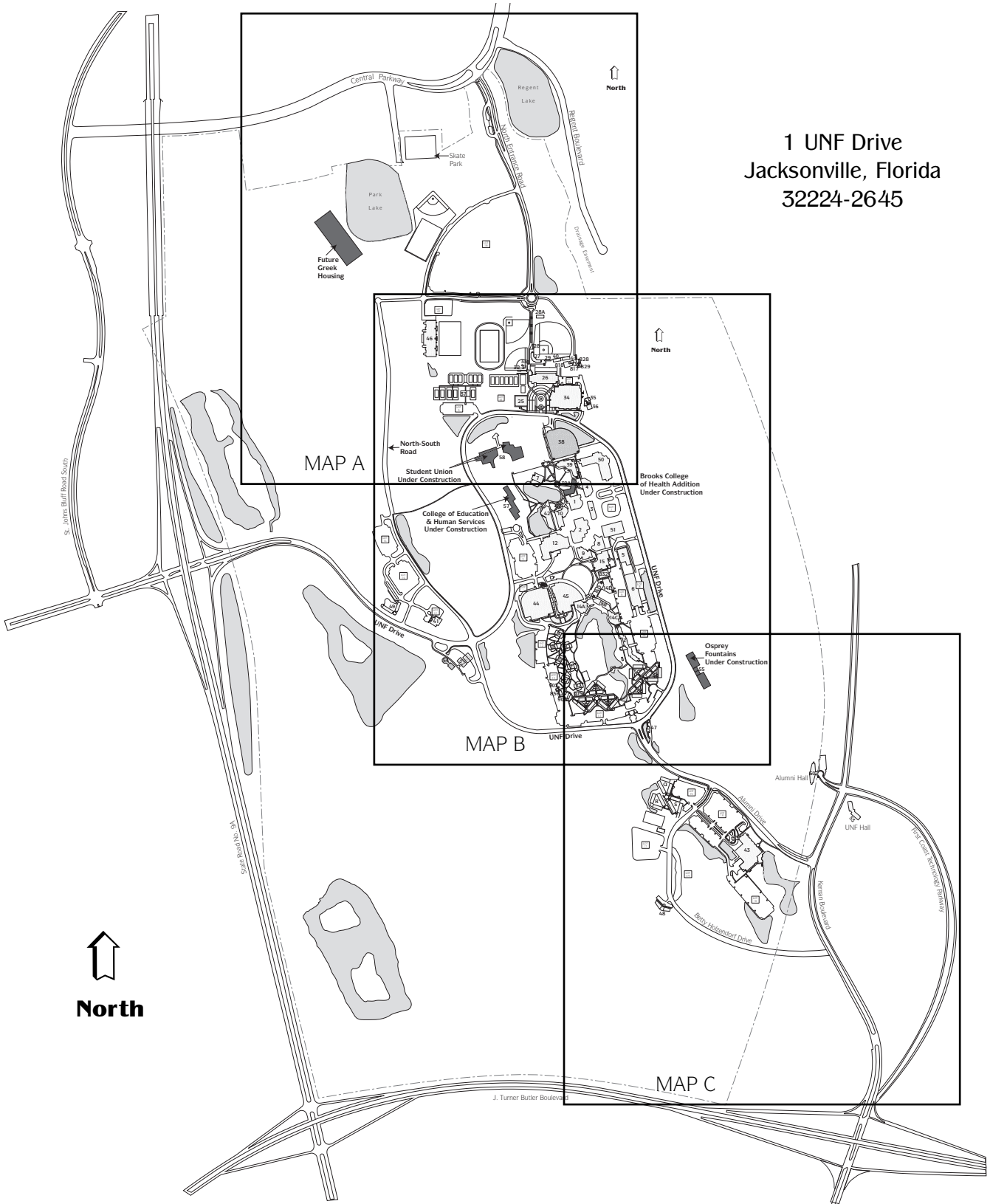
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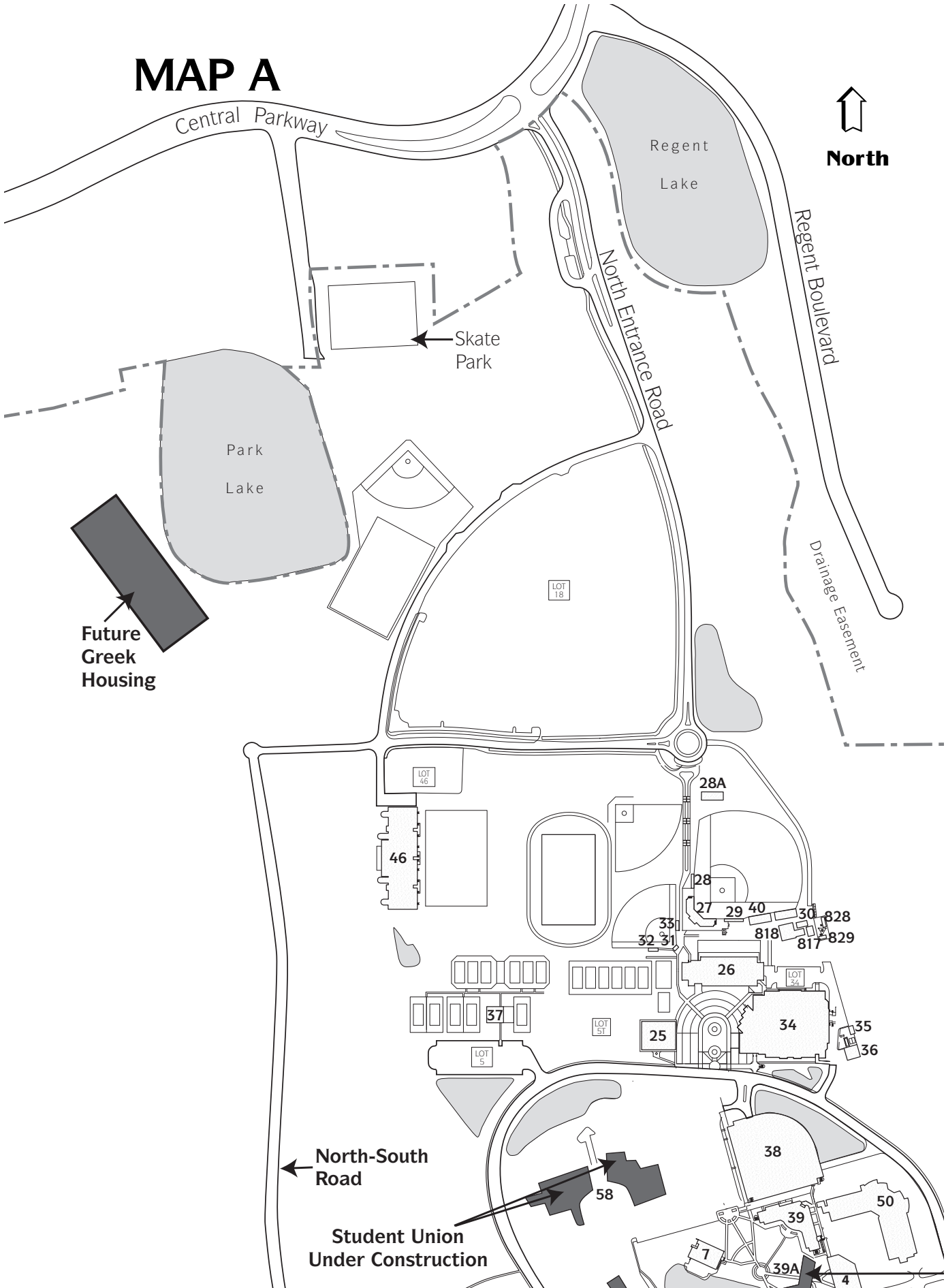
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Campus Maps

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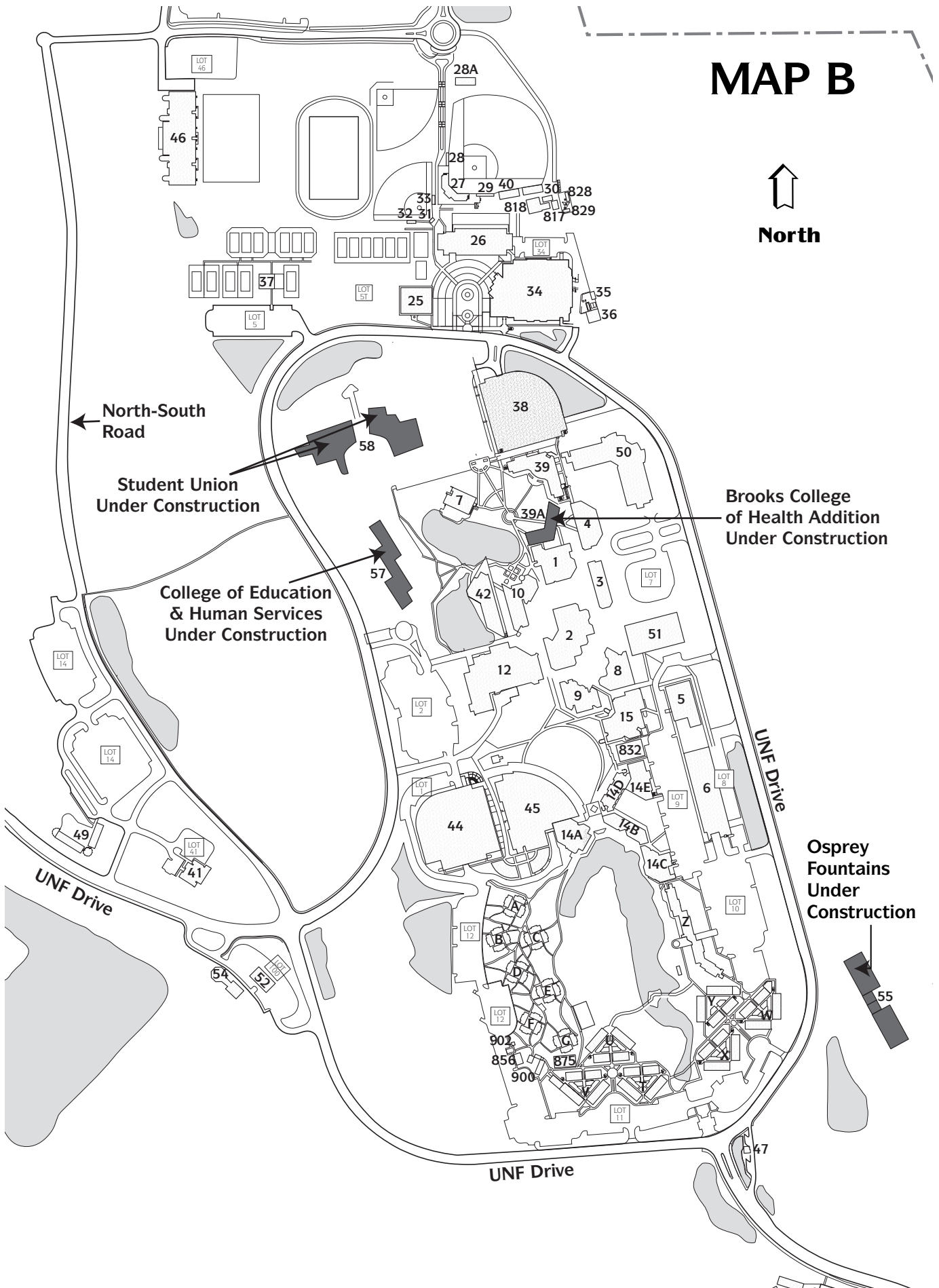
MAP A



MAP B



North



North-South Road

Student Union Under Construction

College of Education & Human Services Under Construction

Brooks College of Health Addition Under Construction

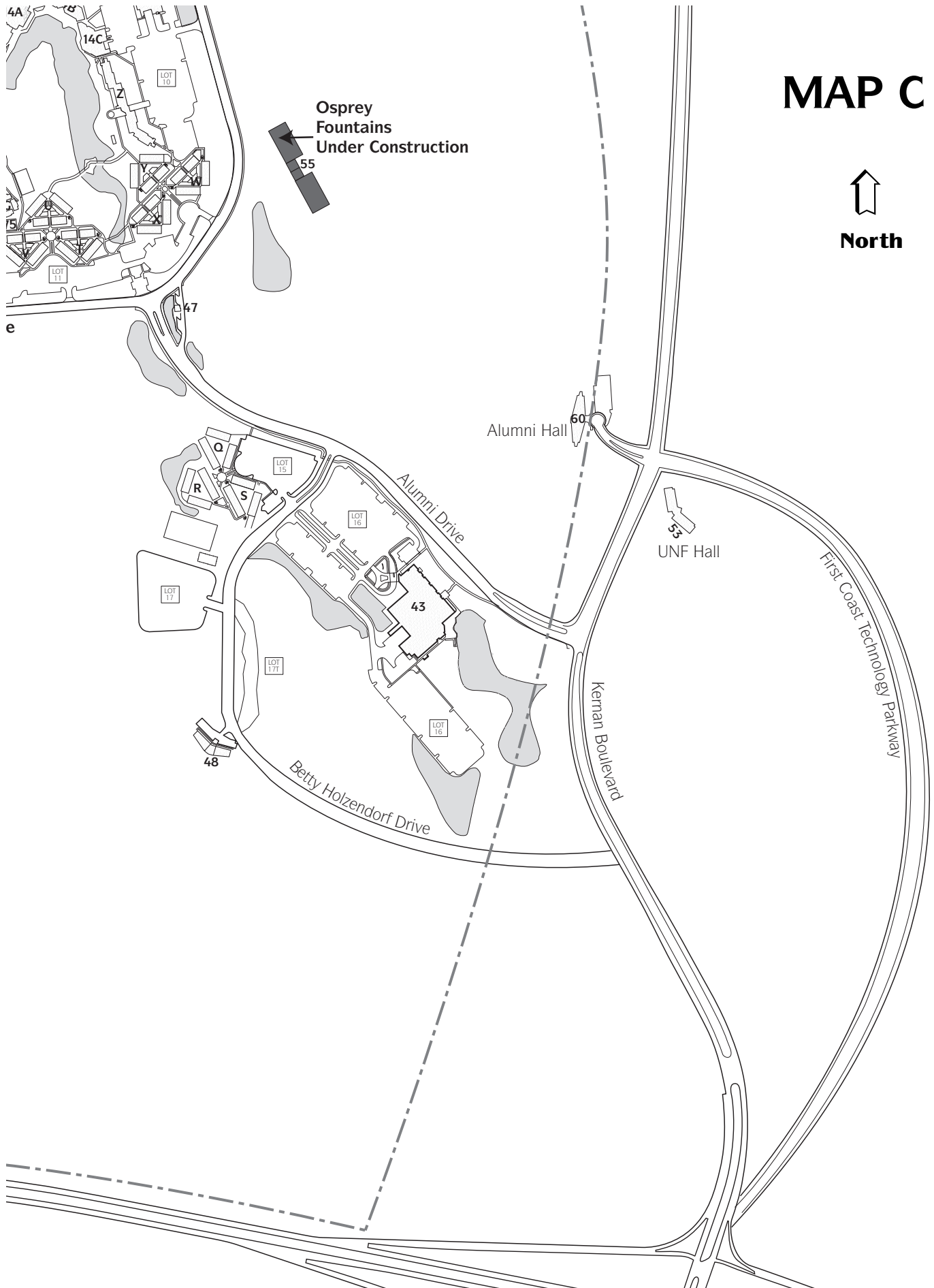
Osprey Fountains Under Construction

UNF Drive

UNF Drive

UNF Drive

MAP C



Campus Map Legend

Bldg. #	Building Name	Bldg. #	Building Name
1	J. J. Daniel Hall	45	Fine Arts Center
2	Founders Hall	45D	Photo Lab
3	Building 3	46	Hodges Soccer/Track Stadium
4	Biology	47	Information Booth (Alumni Drive)
5	Physical Facilities	48	Hayt Golf Learning Center
6	Building Services	49	Child Development Research Center
7	Boathouse Grill @ the Boathouse / Sub Generation (food service facility)	50	Science & Engineering Building
8	Arts & Sciences	51	Social Sciences Building
9	Frederick H. Schultz Hall	52	Parking Services
10	Honors Hall	53	UNF Hall
12	Thomas G. Carpenter Library	54	John M. Golden Environmental Education Pavilion
14	Andrew A. Robinson Jr., Student Life Center	55	Future - Osprey Fountains
15	John E. Mathews Jr., School of Computing	56	Future - Osprey Fountains Chiller
25	Dorothy S. "Dottie" Dorion Fitness Center	57	Future - College of Education & Human Services
26	Aquatic Center	58	Future - Student Union
27	Harmon Stadium	59	Future - Golf Maintenance Building
28A	Batting/Pitching Facility (Indoor)	60	Alumni Hall
31	Softball Complex	818	Duplicating
34	UNF Arena	832B	Administrative Offices
35	Electrical Substation	856	Student Conduct Office
36	Central Plant	857	Athletics Portable
37	Tennis Clubhouse	875	Housing Office
38	Parking Garage	900A	Residence Laundry
39	J. Brooks Brown Hall	903	Housing Mailboxes
39A	J. Brooks Brown Hall Addition	910	Housing Postal Facility
40	Osprey Nest (Baseball)	A-G	Osprey Village
41	Martin P. Garris Police Building	Q-S	Osprey Crossings
42	Coggin College of Business	T-V	Osprey Cove
43	University Center	W-Y	Osprey Landing
44	Parking Garage	Z	Osprey Hall

Departments with Building Location

Academic Advising, Office of COEHS (Bldg. 9)
 Academic Affairs, Vice President (Bldg. 1)
 Academic Center for Excellence (Bldg. 2)
 Academic Testing, Office of (Bldg. 2)
 Accounting & Finance, Department of (Bldg. 42)
 ADA Compliance Office (Bldg. 832B)
 Administration & Finance, Vice President (Bldg. 1)
 Admissions (Bldg. 2)
 Affirmative Action Office (Bldg. 1)
 African American Student Union (Bldg. 14)
 Alumni Cafe (Bldg. 9)
 Alumni Services (Bldg. 60)

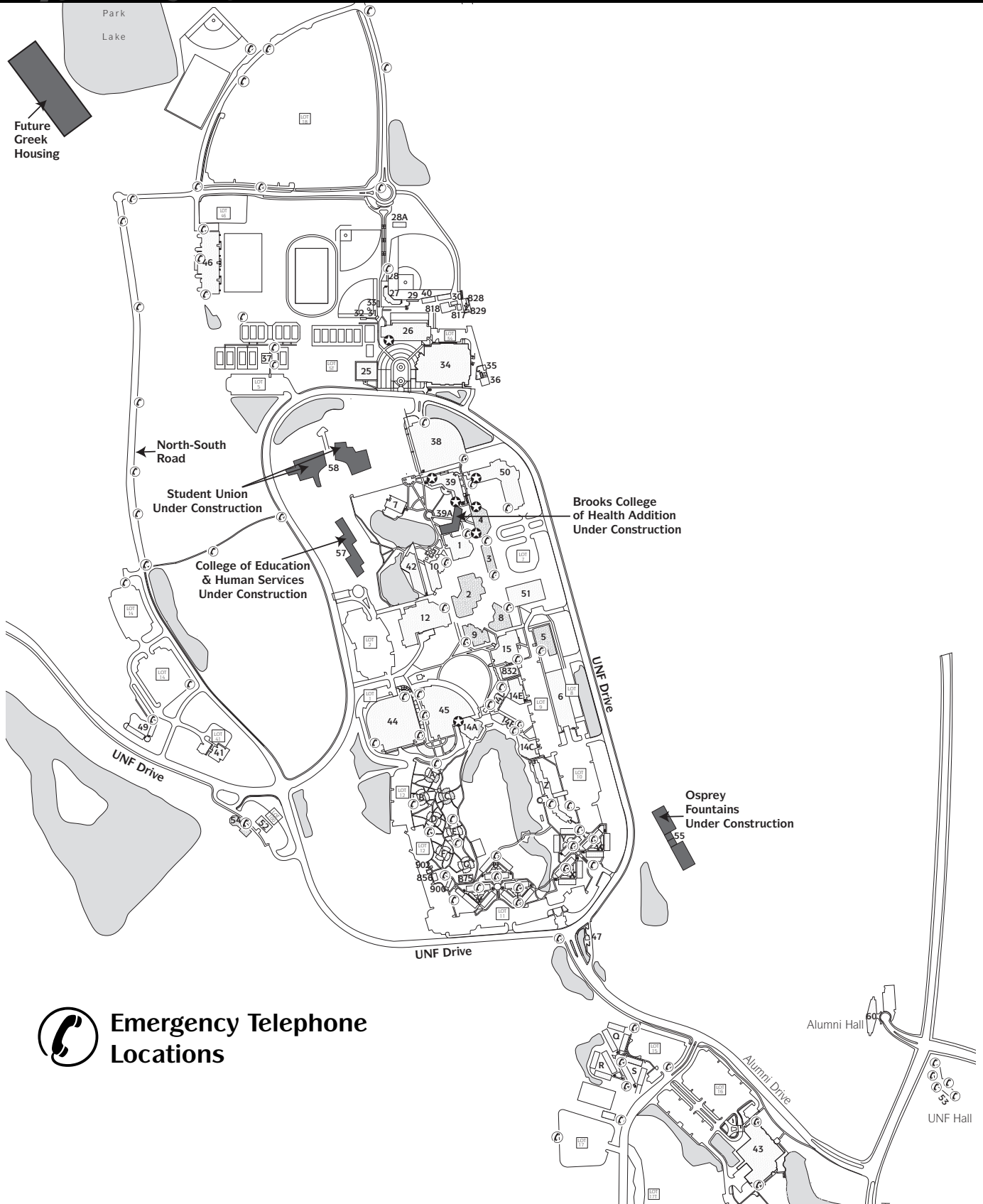
Aquatic Center (Bldg. 26)
 Arena (Bldg. 34)
 Art & Design, Department of (Bldg. 45)
 Art Studios (ceramics, drawing, painting, printmaking) (Bldg. 45)
 Arts & Sciences Advising Office (Bldg. 51)
 Assessment Room (Bldg. 25)
 Athletics (Bldg. 34)
 Athletic Training & Physical Therapy, Department of (Bldg. 39)
 Atomic Physics Laboratory (Bldg. 50)
 Auxiliary Services (Bldg. 1)
 Banquet Room/Meeting Rooms (Bldg. 14)
 Baseball Stadium (Bldg. 27)

Biology, Department of (Bldg. 3)
 Biology Laboratories (Bldg. 4)
 Bookstore (Bldg. 8)
 Brooks College of Health, Dean (Bldg. 39)
 Budget Office (Bldg. 53)
 Building Construction Management (Bldg. 50)
 Campus Alcohol & Drug Information Center (CADIC) (Bldg. 34)
 Campus Housing (Bldgs. A-G & Q-Z)
 Campus Housing Office (Bldg. 875)
 Campus Ministry Department of (Bldg. 14)
 Career Services (Bldg. 2)
 Cashier's Windows (Bldg. 1)
 Center for Competitive Excellence (Bldg. 10)
 Center for Economic Education (Bldg. 42)
 Center for Instruction & Research Technology (Bldg. 10)
 Center for International Business Studies (Bldg. 42)
 Center for Student Media, Adviser (Bldg. 14)
 Central Receiving (Bldg. 6)
 Chartwells Catering (Bldg. 43)
 Chemistry & Physics, Department of (Bldg. 50)
 Chemistry Laboratories (Bldg. 50)
 Child Development Research Center (Bldg. 49)
 Childhood Education, Department of (Bldg.9)
 Civil Engineering (Bldg. 50)
 CLAST: Office of Academic Testing (Bldg. 2)
 Club Alliance (Bldg. 14)
 Coggin College of Business, Dean (Bldg. 42)
 Coggin College of Business, Student Service Center (Bldg. 42)
 College of Arts & Sciences, Dean (Bldg. 51)
 College of Computing, Engineering & Construction, Dean (Bldg. 50)
 College of Education & Human Services, Scheduling Office (Bldg. 9)
 College of Education & Human Services, Dean (Bldg. 9)
 Communication, Department of (Bldg. 45)
 Computing, School of (Bldg. 15)
 Computer Laboratories (Bldgs. 14 & 15)
 Continuing Education (Bldg. 43)
 Controller's Office (Bldg. 53)
 Cooperative Education (Bldg. 2)
 Counseling Center (Bldg. 2)
 Counselor Education Program (Bldg. 9)
 Courtyard Cafe (Bldg. 9)
 Criminology & Criminal Justice, Department of (Bldg. 51)
 Disability Resource Center (Bldg. 10)
 Duplicating/Quick-Copy (Bldg. 818)
 Economics & Geography, Department of (Bldg. 42)
 Educational Field Experiences,
 Educational Technology Center, Office of (Bldg. 9)
 Electrical Engineering (Bldg. 50)
 Engineering, School of (Bldg. 50)
 English, Department of (Bldg. 8)
 English Language Program (Bldg. 53)
 Enrollment Services Office (Bldg. 2)
 Entrepreneurial Center (Bldg. 43)
 Environmental Health & Safety (Bldg. 832B)
 Equal Opportunity Programs Office (Bldg. 1)
 Ethics, Public Policy, & the Professions, Center for (Bldg. 10)
 Exceptional Student & Deaf Education, Department of (Bldg.15)
 Facilities Planning & Construction Office (Bldg. 832B)
 Faculty Association Office (Bldg.10)
 Faculty Enhancement Center (Bldg. 10)
 Financial Aid Office (see One Stop Student Services)
 Fine Arts Center, Office of the Executive Director (Bldg. 45)
 Fitness Center, Dottie Dorion (Bldg. 25)
 Florida Center for Public Policy & Leadership (Bldg. 43)
 Florida Engineering Education Delivery System (FEEDS) (Bldg. 50)
 Florida Institute of Education (FIE) (Bldg. 43)
 Florida/West Africa Linkage Institute (Bldg. 10)
 Foundation Board Conference Room (Bldg. 34)
 Foundation & Secondary Education, Department of (Bldg. 9)
 Gallery (Bldg. 2)
 Game Room (Bldg. 14)
 General Counsel (attorney) (Bldg. 1)
 Government Relations (Bldg. 1)
 Graduate School (Bldg. 1)
 Graphic Design Laboratory (Bldg. 3)
 Creek Life (Bldg. 14)
 Gym Equipment/Weights (Bldg. 25)
 Harmon Stadium (Bldg. 27)
 Harvest Moon Café (Bldg. 43)
 Hayt Golf Learning Center (Bldg. 48)
 Health Promotion, Office of (Bldg. 3)
 History, Department of (Bldg. 8)
 Hodges Stadium (Bldg. 46)
 Honors Program (Bldg. 10)
 Housing/Residence Life (Bldg. 875)
 Human Resources (Personnel) (Bldg. 1)
 IBM Laboratory (Bldg. 2)
 ID Osprey 1Card Office (Bldg. 1)
 Indoor Batting/Pitching Facility (Bldg. 28A)
 Information Technology Services (Bldg. 53)
 ITS Support Center (Bldg. 15)
 Institute of Police Technology & Management (Bldg. 43)
 Institutional Advancement, Vice President (Bldg. 60)
 Institutional Research (Bldg. 1)
 Intercultural Center for PEACE (Bldg. 10)
 Internal Auditor (Bldg. 10)
 International Business Program (Bldg. 42)
 International Center (Bldg. 10)
 International Students (Bldg. 10)
 Internships (Bldg. 2)

xiv Campus Map Legend

Kinesiology Laboratory (Bldg. 39)
 Lazzara Performance Hall (Bldg. 45)
 Leadership, Counseling & Instructional Technology, Dept. of (Bldg. 9)
 Lecture Auditorium (Bldgs. 9, 15 & 39)
 Lesbian, Gay, Bisexual & Transgender Resource Center (LGBT) (Bldg. 3)
 Library (Bldg. 12)
 Locksmith/Keys (Bldg. 6)
 Macintosh PC Laboratory (CVA) (Bldg. 45)
 Management, Department of (Bldg. 42)
 Marketing & Logistics, Department of (Bldg. 42)
 Marketing & Publications (Bldg. 60)
 Mathematics & Statistics, Department of (Bldg. 14)
 Mechanical Engineering (Bldg. 50)
 Media Relations & Events (Bldg. 60)
 Medical Compliance, Office of (Bldg. 14)
 Music, Department of (Bldg. 45)
 Music Studios (Bldg. 45)
 Natural Resource Manager (Bldg. 48)
 Nature Trail Office (Bldg. 48)
 Nursing Laboratories (Bldg. 39)
 Nursing, School of (Bldg. 39)
 On Campus Transition Program (Bldg. 3)
 One Stop Student Services (Bldg. 2)
 Osprey Café (Dining Hall) (Bldg. 14)
 OspreyCard Office (Bldg. 1)
 Osprey Cove (Bldgs. T, U, V)
 Osprey Crossings (Bldgs. O, R, S)
 Osprey Hall (Bldg. Z)
 Osprey Landing (Bldgs. W, X, Y)
 Osprey Nest (Bldg. 40)
 Osprey Productions (Bldg. 14)
 Osprey Village (Bldgs. A – G)
 Outtakes (Bldg. 9)
 Parent & Family Programs (Bldg. 2)
 Parking Services (Bldg. 52)
 Philosophy, Department of (Bldg. 10)
 Photographic Laboratory (Bldg. 45D)
 Physical Facilities (Bldg. 5)
 Physical Facilities Maintenance Shops (Bldg. 6)
 Physics Laboratories (Bldg. 50)
 Police Department (Bldg. 41)
 Political Science & Public Administration, Department of (Bldg. 51)
 Postal Services (Bldgs. 6 & 910; mailboxes also 903)
 Pre-Law (Bldg. 51)
 President's Office (Bldg. 1)
 Prudential Environmental Classroom (Bldg. 48)
 Psychology Animal Lab (Bldg. 10)
 Psychology, Department of (Bldg. 51)
 Public Health, Department of (Bldg. 39)
 Purchasing (Bldg. 6)
 Radio Station (Osprey Radio) (Bldg. 2)
 Receiving (Bldg. 6)
 Recreation, Department of (Bldg. 34)
 Recreational Equipment Checkout (Bldg. 34)
 Reentry Program (Bldg. 14)
 Records & Registration (Bldg. 2)
 Registrar's Office (see One Stop Student Services)
 Research & Sponsored Programs, Office of (Bldg. 3) Robinson Little
 Auditorium (Bldg. 14)
 Sbarro's (Bldg. 8)
 Showers/Lockers (Bldgs. 25 & 26)
 Small Business Development Center (Bldg. 43)
 Sociology & Anthropology, Department of (Bldg. 51)
 Softball Complex (Bldg. 31)
 Southern Technologies Application Center (Bldg. 43)
 Starbucks (Bldg. 12)
 Student & International Affairs, Vice President (Bldg. 2)
 Student Conduct Office (Bldg. 856)
 Student Government (Bldg. 14)
 Student Government Senate Chambers (Bldg. 14)
 Student Information Desk (Bldg. 14)
 Student Life, Division of (Bldg. 14)
 Student Lounge/Recreation Areas (Bldg. 14)
 Student Medical Services (Bldg. 39)
 Student Newspaper Office (Spinnaker) (Bldg. 14)
 Student Ombudsman, Office of (Bldg. 9)
 Student Services, Office of COEHS (Bldg. 9)
 Student Union (Bldg. 14)
 Study Abroad (Bldg. 10)
 Sub Generation @ the Boathouse (Bldg. 7)
 Swimming Pool (Bldg. 26)
 Telephone: Campus Operator (Bldg. 53)
 Tennis Clubhouse (Bldg. 37)
 Testing, Office of Academic: CLAST, CLEP, FTCE,
 GRE, PRAXIS, TOEFL (Bldg. 2)
 Theatre, Robinson (Bldg. 14)
 Ticket Box Office (Bldg. 45)
 TSI/Foundation Accounting (Bldg. 1)
 TV Laboratory/Studio (Bldg. 2)
 TV Station (Osprey TV) (Bldg. 14)
 Undergraduate Academic Enrichment, Office of (Bldg. 51)
 University Center (Bldg. 43)
 Veterans Affairs (see One Stop Student Services)
 Victim Advocate (Bldg. 14)
 Volunteer Center (Bldg. 14)
 Women's Center (Bldg. 14)
 World Languages, Department of (Bldg. 10)
 Writing Program (Bldg. 8)

Emergency Telephone Locations

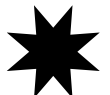
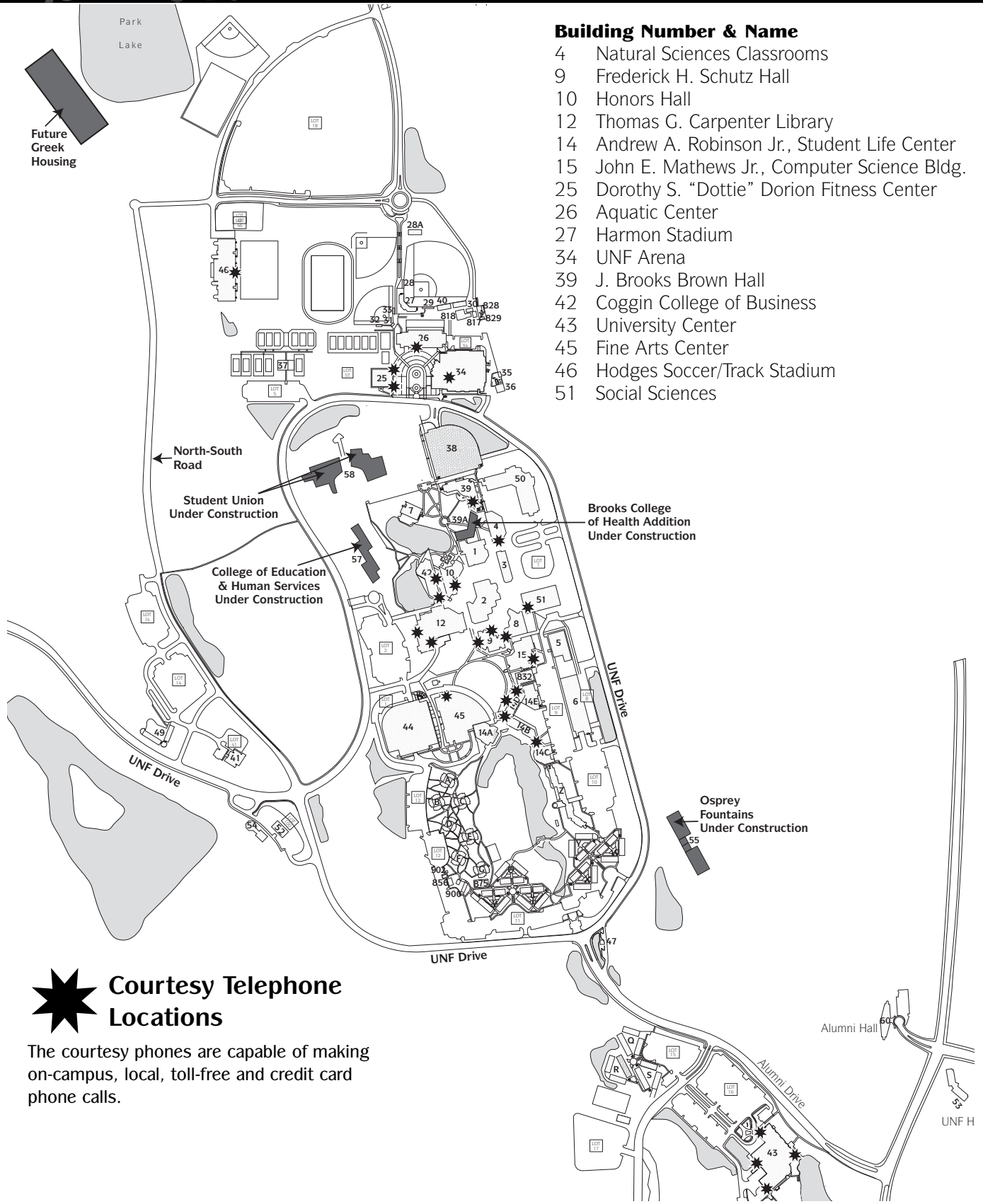


Emergency Telephone Locations

Courtesy Telephone Locations

Building Number & Name

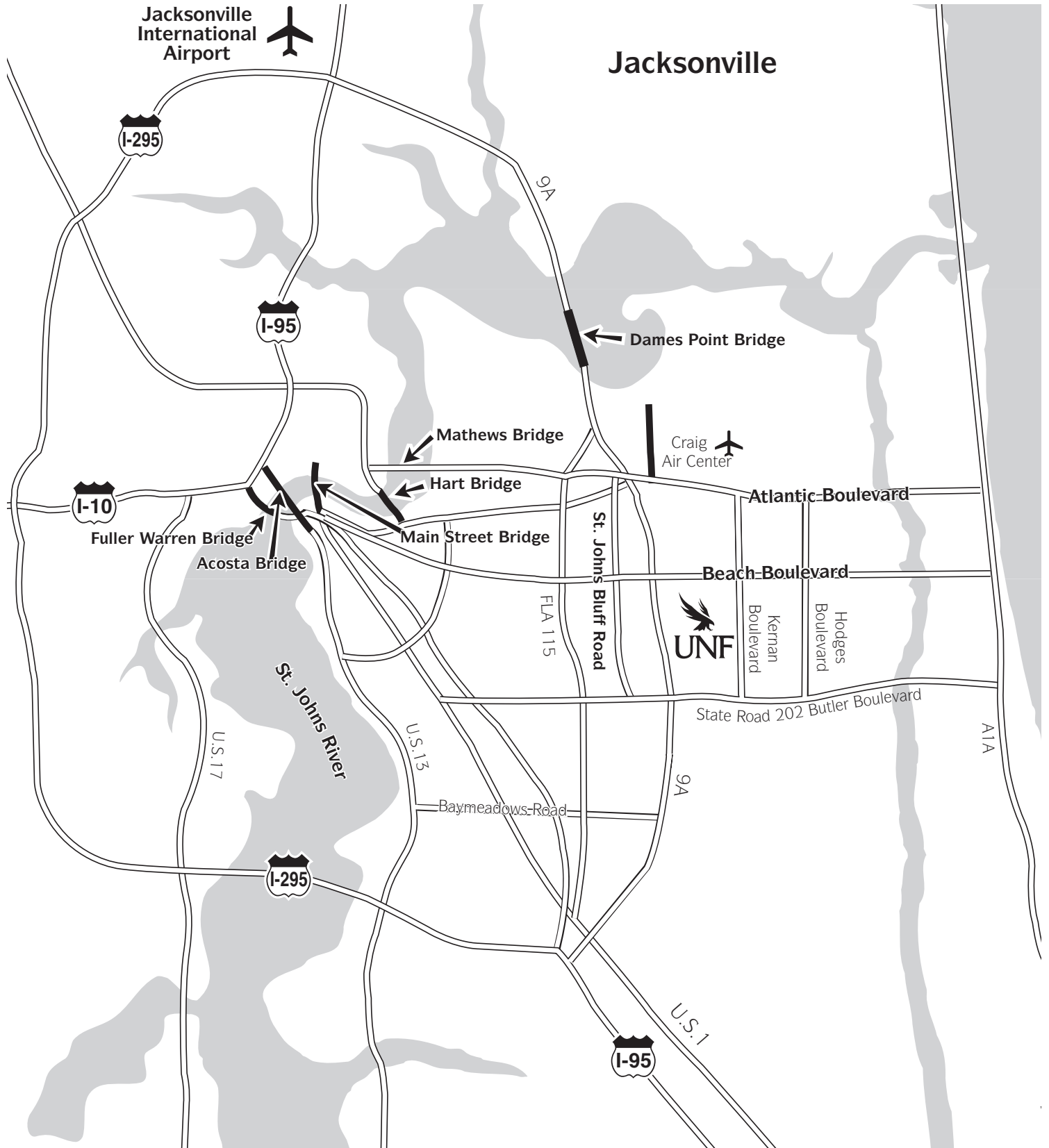
- 4 Natural Sciences Classrooms
- 9 Frederick H. Schutz Hall
- 10 Honors Hall
- 12 Thomas G. Carpenter Library
- 14 Andrew A. Robinson Jr., Student Life Center
- 15 John E. Mathews Jr., Computer Science Bldg.
- 25 Dorothy S. "Dottie" Dorion Fitness Center
- 26 Aquatic Center
- 27 Harmon Stadium
- 34 UNF Arena
- 39 J. Brooks Brown Hall
- 42 Coggin College of Business
- 43 University Center
- 45 Fine Arts Center
- 46 Hodges Soccer/Track Stadium
- 51 Social Sciences



Courtesy Telephone Locations

The courtesy phones are capable of making on-campus, local, toll-free and credit card phone calls.

Jacksonville Area Map



Academic Calendar 2008-2009

The official University calendar will appear on the website. This calendar is subject to change.

	Fall 2008	Spring 2009	Summer A 2009	Summer B 2009	Cross-term 2009	10 Week Term 2009	Fall 2009
Application deadline for admission for term*	May 2	Oct. 31	March 6	March 6	March 6	March 6	June 26
Application deadline for admission by international students*	May 1	Oct. 1	Feb. 1	Feb. 1	Feb. 1	Feb. 1	May 1
Deadline to request application for admission to Graphic Design / Multimedia majors	Feb. 1						Feb. 1
Deadline for Graphic Design and Multimedia applicants to submit portfolios for review	March 1						March 1
Application deadline to Master of Arts in Biology program	March 1						March 1
Application deadline to Master of Science in Biology program	March 1						March 1
Application deadline to Master of Arts in Practical Philosophy and Applied Ethics	March 1						March 1
Application deadline to Master of Arts in Counseling Psychology Program (MACP)	March 1						March 1
Application deadline to Master of Arts in General Psychology Program (MAGP)	June 1						June 1
Application deadline to Master of Science in Applied Sociology	May 1	Nov. 1	March 15	March 15	March 15	March 15	July 1
Application deadline for COEHS student teaching internships	Feb. 3	Sept. 16					Feb. 2
Application deadline to Master of Education Program in Counselor Education - School Counseling Track	April 21						April 23
Application deadline to Master of Education Program in Counselor Education - Mental Health Counseling Track	April 21						May 1
Application deadline to Athletic Training Education Program	May 1						May 1
Application deadline for MSH - Nutrition Internship	Feb. 15						Feb. 15
Application deadline for Physical Therapy Program	Feb. 15						Feb. 15
Application deadline for Pre-licensure BSN track	March 15		Jan. 15				March 15
Application deadline for Master of Science in Nursing Primary Care Nurse Practitioner Program (MSN)	May 1						May 1
Housing Check-in (tentative)	Aug. 23, 26-27	Jan. 6					
Classes begin	Aug. 25	Jan. 5	May 11	June 24	May 11	May 11	Aug. 24
Application for Graduation	Sept. 12	Jan. 23	June 5	June 5	June 5	June 5	Sept. 11
Registration deadline for CLAST paper-based	Sept. 7	Jan. 18	May 9		May 9		Sept. 7
Administration of CLAST paper-based	Oct. 6	Feb. 16	June 7		June 7		Oct. 6
Administration of CLAST computer-based: by appointment only. Contact the Office of Academic Testing 620-2927.							
Administration of CLEP: by appointment only. Contact the Office of Academic Testing 620-2927.							
Administration of GRE, PRAXIS, TOEFL: by appointment only. Contact the Office of Academic Testing 620-1973.							
Registration deadline for Florida Teacher Certification Exam (FTCE)	Aug. 24	Nov. 23 Jan. 11 Feb. 29	June 6	June 6	June 6	June 6	July 25 Sept. 5
Administration of FTCE	Oct. 13	Jan. 12 March 1 April 19	July 26	July 26	July 26	July 26	Sept. 13 Oct. 25
Classes end	Dec. 5	April 17	June 19	July 31	July 31	July 17	Dec. 4
Final examinations	Dec. 6-12	April 18-24					Dec. 5-11
Term ends	Dec. 12	April 24	June 19	July 31	July 31	July 17	Dec. 11

*The semester application for admission deadlines refer to completion of all application procedures including **RECEIPT** of all required credentials and the completion of department requirements, if any. *Applications for admission to limited access programs received after the deadline may be returned unprocessed.* Applications for admission to other programs received after the deadline will be reviewed by a committee and will be processed on a space-available basis.



Holiday Calendar 2008-2009

The official University calendar will appear on the website.

	Fall 2008	Spring 2009	Summer A 2009	Summer B 2009	Cross-term 2009	10 Week Term 2009
Labor Day Holiday	Sept. 1					
Veterans Day Holiday	Nov. 11					
Thanksgiving Holiday	Nov. 27-29					
Winter Break Holiday	Dec. 15 -Jan. 3					
Martin Luther King, Jr. Holiday		Jan. 19				
Spring Break Holiday		March 16-21				
Memorial Day Holiday			May 25		May 25	May 25
Independence Day Holiday				July 3	July 3	July 3

Religious Holidays commonly observed by UNF students/staff.

Christian Holidays:

December 25, 2008	Christmas
April 12, 2009	Easter

Hindu Holidays:

August 24, 2008	Janmashtami - Krishna's Birthday
September 3, 2008	Vinayaka Chaturthi
October 9, 2008	Vijaya Sashami
October 28, 2008	Deepavali - Festival of Lights
January 14, 2009	Sankranti - Harvest Festival
February 23, 2009	Maha Shiva Ratri
March 11, 2009	Holi - Spring Festival coincides with Hindu New Year
April 3, 2009	Sri Rama Navami

Islamic Holidays:

September 1 (Sundown), 2008	Ramadan begins
October 1 (Sundown), 2008	Eid-al-Fitr - three day holiday at the end of Ramadan
December 8 (Sundown), 2008	Eid-al-Adha - three day holiday which corresponds to the visit to Mecca
December 28 (Sundown), 2008	Hijra - Islamic New Year
March 9 (Sundown), 2009	Mawlid al-Nabi - Muhammed's Birthday

Jewish Holidays:

April 19 (Sundown) - April 21, 2008	Passover
September 29 (Sundown) - October 1, 2008	Rosh Hashanah
October 8 (Sundown) - October 10, 2008	Yom Kippur
December 21 (Sundown) - December 29, 2008	Chanukah
April 8 (Sundown) - April 10, 2009	Passover

Some students may observe other holidays and will request permission to be absent from class from their instructors.

Seal, Logo and Mascot

The Seal

The official seal for the University of North Florida incorporates a circle and a compass rose — a direction-finding device for mariners. These symbolize the University's role in providing direction for students. The placement of the symbol in the upper northeast quadrant of the circle describes the University's location in the northeast region of Florida. The Roman numerals MCMLXV refer to the year that the University was chartered, 1965. Use of the official University seal is reserved for official documents such as diplomas and other official certificates.



The UNF Logo



The University's graphic symbol is depicted at left. It consists of three elements. The initials UNF are referred to as the monogram. The words University of North Florida are referred to as the descriptor. The bird is the osprey image. The logo can appear with or without the descriptor. The osprey image should never be used alone. The logo appears on official University stationery, business

cards, envelopes, Web pages and external publications. Blue and gray are the official UNF colors. Visual Identity Guidelines, which explain the proper use of the UNF logos, are available at the Department of Marketing and Publications, or can be found online at www.unf.edu/ia/pr/marketing_and_publications/visualid/

The Athletics Logo

The Athletic teams' logos for use only by sanctioned teams and club sports. All use is governed by the UNF Athletic Business Office.

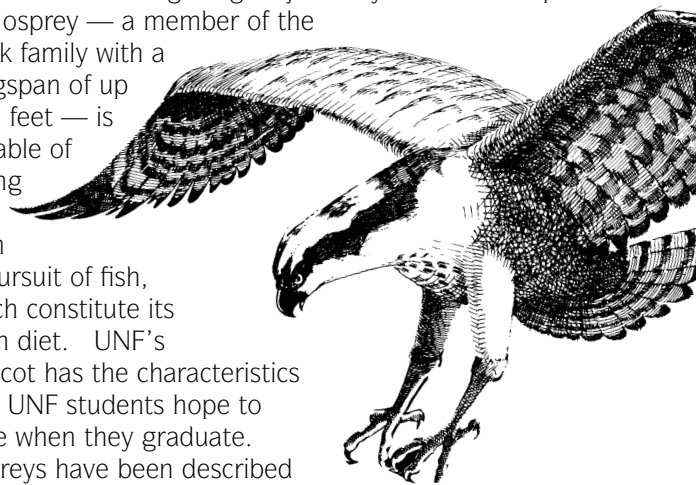


The Osprey Mascot

The osprey was adopted officially as the University of North Florida mascot in November 1979 in an election conducted by the Student Government Association. The osprey received 47 percent of the votes and won over the armadillo, seagull, manatee and shark. Ospreys can often be seen gliding majestically over the campus.

The osprey — a member of the hawk family with a wingspan of up to 6 feet — is capable of diving 80 mph in pursuit of fish, which constitute its main diet. UNF's mascot has the characteristics that UNF students hope to have when they graduate.

Ospreys have been described as seemingly inexhaustible, tenacious, opportunistic, cosmopolitan, loyal to their species, adaptable, resilient and fond of living near other ospreys. Described as "trendy birds" in National Geographic magazine for their success in adapting to suburban neighborhoods, ospreys also are into recycling. Children's toys, plastic foam containers, cork buoys and doormats are some of the items they use to construct their gigantic nests. Ospreys, like UNF alumni, reside on all continents, except Antarctica. To commemorate UNF's commitment to the environment and its adoption of the osprey as its mascot, the University of North Florida Foundation Inc. commissioned a watercolor painting of the osprey by noted ornithologist and wildlife artist Frederick William Wetzel of Jacksonville. The painting hangs permanently in the special collections of the Thomas G. Carpenter Library.



General Information

The University of North Florida (UNF) is one of eleven public colleges and universities within the State University System in Florida. It is a comprehensive, metropolitan University which offers degree programs at the baccalaureate, master's, and doctoral levels. Initially established as an upper division and master's degree granting institution, UNF began offering classes in 1972 to a 2,000-member student body. In 1984, freshmen and sophomores were admitted, in 1990 the University opened a doctoral program in educational leadership, and in 2007, UNF added a doctorate in nursing practice and a doctorate in physical therapy.

The University of North Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, masters, and doctorate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call (404) 679-4500 for questions about the accreditation of the University of North Florida. Individual contact to the Commission on Colleges about the University of North Florida accreditation status should occur only if there is evidence that appears to support significant noncompliance with a requirement or standard. The undergraduate music program in the College of Arts and Sciences is accredited by the National Association of Schools of Music. The College of Arts and Sciences chemistry program has American Chemical Society (ACS) approval. Baccalaureate and graduate programs in the Coggin College of Business are accredited by AACSB International – The Association to Advance Collegiate Schools of Business. In the College of Computing, Engineering, and Construction, the undergraduate computer science and information systems programs are accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). The undergraduate electrical, civil, and mechanical engineering programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET). The undergraduate building construction management program is accredited by the American Council for Construction Education (ACCE). In the College of Education and Human Services, teacher education programs are accredited by the National Council for the Accreditation of Teacher Education (NCATE), the counselor education program is approved by the Council for Accreditation of Counseling and Related Educational Programs (CACREP), and the deaf education program is approved by the Council on the



John A. Delaney, *University President*

Education of the Deaf (CED). All teacher education programs at UNF leading to teacher certification are approved by the Florida Department of Education. In the Brooks College of Health, the baccalaureate nursing program is accredited by the National League for Nursing Accrediting Commission, and both the baccalaureate and graduate nursing programs are accredited by the Commission on Collegiate Nursing Education. The nutrition and dietetics program has accreditation from the Commission for Accreditation for Dietetics Education. The baccalaureate health administration program has national certification from the Association for University Programs in Health Administration. The athletic training education program is accredited by the Commission on Accreditation of Allied Health Education Programs.

UNF remains one of the most selective comprehensive universities in America. In fall 2007, approximately 1 out of every 4 freshman applicants enrolled in the fall class. With a mean SAT score of 1177 and grade point average of 3.6, UNF's 2007 fall freshman class reflected the University's commitment to high-quality undergraduate

education. The minimum scores typically expected for admission to a four year University such as UNF are a sliding scale equivalent of 1000 on the SAT (or the ACT equivalent) and a GPA of 3.0.

The University is also committed to diversity with the belief that exposure to an extraordinary blend of students offers a rich and rewarding educational experience. Of the more than 16,500 students enrolled at UNF for the 2007 fall term, about 58 percent were women, more than 22 percent were minorities, and nearly 90 percent were undergraduates. Three groups of students comprise the undergraduate student body:

1. students who enter as freshman, which includes an increasing number of National Merit and National Achievement Finalists;
2. community college students who transfer to the University with associate in arts or other degrees; and
3. a non-traditional group of students who combine responsible professional positions in the First Coast region with part-time study.

This diversity gives classes at UNF a distinctive character and provides for stimulating, thought-provoking discussions and perspectives.

These students, coupled with an increasing number of international students and a core of graduate students, enable UNF to provide a unique environment. The students themselves challenge and stimulate each other in ways that foster cooperation, competition, and understanding of diverse traditions and cultures. Academic programs at UNF are built on a strong foundation in the traditional arts and sciences. UNF offers 53 undergraduate degree programs with 82 areas of concentration and 27 master's degree programs with 62 areas of concentration through its College of Arts and Sciences, Coggin College of Business, College of Computing, Engineering, and Construction, College of Education and Human Services, and Brooks College of Health. In addition to the Ed.D. offered through the College of Education and Human Services, the Brooks College of Health offers a D.P.T. in the department of Athletic Training and Physical Therapy and a D.N.P. in the School of Nursing.

Since its founding, UNF has demonstrated its continuing commitment to excellence in teaching, research, and service, with an emphasis on high-quality instruction. Members of the faculty simultaneously engage in and produce a level of creative scholarship that demonstrates a determination to remain at the cutting edge of intellectual inquiry and practice in their respective disciplines. Through its centers and institutes, lecture series, continuing education programs, and staff volunteer activities, UNF reaches thousands of community members. It has more than 570 faculty and more than 1,040 full-time and part-time staff members. The total UNF budget exceeds \$180.5 million annually.

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The University has been strengthened significantly by its public-private partnerships. Through the strong support of the University of North Florida Foundation Inc. and the generosity of corporate leaders and dedicated residents of Florida's First Coast region, UNF has four fully funded eminent scholar chairs, valued at more than \$7 million: the Andrew A. Robinson Jr. Chair in Educational Policy and Economic Development; the Ira M. Koger Chair in American Music; the Prime F. Osborn Chair in Transportation; and the Paper and Plastics Education Research Foundation Endowed Chair in Supply Chain Management. The University also has more than 30 endowed faculty positions.

Statement of Vision

The University of North Florida aspires to be a preeminent public institution of higher learning that will serve the North Florida region at a level of national quality. The institution of choice for a diverse and talented student body, UNF will provide distinctive programs in the arts and sciences and professional fields. UNF faculty will excel in teaching and scholarship, sharing with students their passion for discovery. Students, faculty, staff, alumni, and visitors will enjoy a campus noteworthy for its communal spirit, cultural richness, and environmental beauty.

Statement of Mission

The University of North Florida fosters the intellectual and cultural growth and civic awareness of its students, preparing them to make significant contributions to their communities in the region and beyond. At UNF, students and faculty engage together and individually in the discovery and application of knowledge. UNF faculty and staff maintain an unreserved commitment to student success within a diverse, supportive campus culture.

Fulfilling its Mission

UNF cultivates a learning environment that supports intellectual curiosity, academic achievement, and personal growth. This goal is supported by a strong academic curriculum comprised of 53 undergraduate, 27 master's, and three doctoral degree programs in the liberal arts and professional fields. These degree programs prepare UNF graduates to make vital contributions within their fields of study and to their respective communities. UNF proudly points to the fact that a growing number of its degree programs have been recognized nationally.

The University of North Florida seeks to recruit and support a diverse and talented student body of men and women who have demonstrated the capacity to excel in college. While enrolled in the University, UNF students are encouraged to work directly with faculty mentors and to participate in various transformational learning opportunities including international travel, community-

based internships, faculty and student-initiated research, and other similarly enriching experiences.

UNF's faculty is composed of more than 500 teachers and scholars who are focused on the education of the UNF student. As such, these faculty members help students build a foundation for life-long learning. Through their own scholarship and creative work, UNF faculty members remain engaged with the larger academic community. This scholarship informs the faculty's teaching. Often the faculty's research addresses local and regional concerns. Student participation in this research adds to the depth of their educational experiences.

Members of UNF's faculty have been recipients of Fulbright awards and earned regional and national recognition in their professional fields. UNF faculty have received their academic degrees from more than 110 American and foreign universities. Through participation in the governance processes of their respective colleges and the UNF Faculty Association, they exercise responsibility for the University's academic programs.

UNF carries out its public responsibility by providing significant opportunity for civic engagement and community-based learning. The University's relevance to the community is evidenced in the institution's myriad contributions to the betterment of the region it serves.

The University uses accountability as a guide to continuous improvement. UNF seeks to assess the strength of its academic programs by measuring them against national professional standards, and by measuring student outcomes and faculty performance. The University also evaluates the performance of its nonacademic functions.

Colleges

The University of North Florida's academic programs are offered through five academic colleges: The Brooks College of Health, the Coggin College of Business, the College of Arts and Sciences, the College of Computing, Engineering and Construction, and the College of Education and Human Services. The colleges' graduate programs are coordinated through the University of North Florida Graduate School.

The Brooks College of Health includes the School of Nursing, the Department of Athletic Training and Physical Therapy, the Department of Public Health and the Department of Nutrition and Dietetics.

The Coggin College of Business includes the Departments of Accounting and Finance, Economics and Geography, Management, and Marketing and Logistics.

Within the College of Arts and Sciences are the Departments of Art and Design, Biology, Chemistry and Physics, Communication, Criminology and Criminal Justice, English, History, Mathematics and Statistics, Music, Philosophy, Political Science and Public Administration, Psychology, Sociology and Anthropology, and World Languages.

The College of Computing, Engineering and Construction includes the School of Computing, the School of Engineering, the Department of Construction Management, and the Florida Engineering Education Delivery System (FEEDS) consortium.

The College of Education and Human Services includes the Departments of Childhood Education; Foundations and Secondary Education; Leadership, Counseling and Instructional Technology; and Exceptional Student and Deaf Education.

In addition to the academic programs offered through the colleges, some credit and non-credit learning opportunities are provided through the Division of Continuing Education. UNF's academic programs are supported by the Thomas G. Carpenter Library.

Support Services

In addition to its strong academic programs, UNF offers its students an array of support services and student-life activities. Various support services help ensure that students maintain uninterrupted university attendance, make suitable course selections, successfully complete degree requirements, and timely graduation or successful achievement of other academically related career goals. Student-life activities contribute to academic, social, cultural and personal development.

Campus

Designated as a wildlife sanctuary, UNF's campus is located seven miles from the Atlantic Ocean and twelve miles southeast of downtown Jacksonville. It is situated on more than 1,300 acres of wooded ridges, interspersed with small lakes.

Taking advantage of its natural ecosystems, the campus offers students, employees and visitors a series of nature trails that cross virtually every type of terrain found in northeast Florida and showcase an amazing diversity of animal and plant life.

The core of the campus is relatively compact, with most of the academic buildings connected by a two-story, covered, pedestrian walkway. Parking areas surround the campus, with a shuttle service providing easy transportation from the remote lots to University buildings.

Serving as a point of pride for the University, the natural environment on the campus provides opportunities for faculty and student research. As the University continues to expand its academic and nonacademic facilities, it has pledged to use ecologically responsible technologies to protect the quality of the campus environment.

Access to the UNF campus is provided through three entrances: the west entrance at 9A, the east entrance at Kernan Boulevard, and the north entrance off of Central Parkway. These roadways can be reached from Beach Boulevard and J. Turner Butler Boulevard. Interstate 95 and the 295/9A beltway serve as major arteries for students commuting from surrounding communities.

The Community

Located in a metropolitan area of more than one million people, the University of North Florida has established collaborative relationships with various sectors of the surrounding community. Through these partnerships, the University provides an invaluable resource to the economic, social, civic and cultural development of northeast Florida. At the same time, local industries and agencies serve as living laboratories where UNF students can participate in internships, cooperative education programs and other firsthand experiences.

The city of Jacksonville and the surrounding areas provide an exceptionally diverse economy including financial services, transportation and logistics hubs, and various health care facilities such as the Mayo Clinic and Shands Teaching Hospital. The region also serves as the home to two U.S. Naval bases, with a large contingency of active and retired military members.

The region offers a variety of cultural and entertainment opportunities for its residents, visitors, and college students: museums, art galleries, theaters and a symphony orchestra are all available. Sports fans can also find a variety of professional and college athletic events.

With 68 miles of Atlantic Ocean coastline, the St. Johns River, and the Intracoastal Waterway, Northeast Florida offers unparalleled facilities for water sport enthusiasts.

Public and private golf courses and tennis courts are also available in and around the city, as are numerous state and municipal parks. And many of Florida's major tourist attractions and theme parks are within easy driving distance of the city.

Northeast Florida is also an area rich in history. America's oldest city, St. Augustine, with its restored old quarter and imposing Castillo de San Marcos, is less than an hour away. Fort Caroline, built by the French in 1564 and America's oldest European settlement, is on the south bank of the St. Johns River, just minutes from UNF. Fort Clinch, where English soldiers guarded the southern approaches to the Georgia colony, stands only a few miles north in Fernandina Beach.

An Invitation

The University of North Florida invites you to visit its campus. You are encouraged to evaluate its academic programs; to meet its faculty, students, and staff; and to participate in the vision and development of an outstanding University dedicated to the highest standards and goals. Individuals who need an accommodation because of a disability should notify the Disability Resources Center at (904) 620-2769 at least 48 hours in advance.

Equal Opportunity/Equal Access/Affirmative Action

The University of North Florida complies with both the philosophy and the practice of equal opportunity for all citizens in academic life and employment as specified in the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act (ADA) of 1990. The president of UNF has designated a director to ensure compliance with policies regarding affirmative action, equal opportunity, sexual harassment (see Appendix H of this catalog), and nondiscrimination against disabled persons. Inquiries about UNF policies and practices in regard to relevant institutional policies, Title VI, Title VII, Title IX, or ADA/Section 504 should be referred to the Director of Equal Opportunity Programs, (904) 620-2507.

Admissions

General Policies

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's 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 Programs (EOP). Inquires about policies and practices may be directed to the EOP Office at (904) 620-2507, Building 1/Room 2400.

General Procedures

Applicants for admission are required to submit the following:

1. An application for admission must be submitted by the deadline specified in the official University schedule on the Web. Applicants may apply for admission up to one year in advance of the term

in which enrollment is sought. UNF's application is available on the website at <http://csdweb.unf.edu/access/htdocs/onlineapp.htm>. Applications may also be obtained from UNF's One Stop Student Services by telephoning (904) 620-5555 or by e-mail at onestop@unf.edu. In order to be considered for admission, applications must be received in One Stop Student Services by the published deadlines. (Deadlines subject to change.)

2. An application fee payment of \$30 by check, credit card or money order (not cash) must be attached to the application for admission. This is not refundable. **Applications received without the fee will not be processed.**
3. Official transcripts and test scores, if applicable, are required of applicants seeking formal admission to UNF. Transcripts must be submitted by the same deadline as applications specified in the official University schedule on the Web. It is the applicant's responsibility to have the required documentation forwarded to One Stop Student Services in order for the application to be processed.
4. Applicants should refer to the appropriate section in this catalog to determine if additional materials such as letters of recommendation, financial statements or other test scores are required.
5. Applicants who matriculate at Florida public universities are required to provide proof of immunization against rubeola (measles) and rubella (German measles) prior to the initial registration. The policy applies to students who attend classes taught at the main campus. Questions concerning this policy should be directed to the Medical Compliance Office, (904) 620-2175, Building 14, Room 1522.

The Office of Admissions may be contacted by telephone at (904) 620-5555 or online at www.unf.edu/contactonestop/.

Beginning Freshmen

Because UNF's freshman class is limited in size, admission is selective. The University is interested in applicants who have demonstrated strong academic ability and who will bring diverse interests and talents to the campus.

All prospective freshmen are required to submit an official copy of their high school transcript and an official score report from at least one of the required college entrance tests. Scholastic Assessment Test (SAT) and American College Test (ACT) scores reflected on the high school record are considered official.



Academic Requirements

Applicants who meet or exceed the following minimum academic requirements are encouraged to apply for admission to UNF as freshmen. (This does not guarantee that admission will be granted.)

1. A high school diploma or G.E.D. or students participating in a home school program are required to submit a transcript of completed courses and verification from the appropriate district school superintendent or designee stating that the student is participating in an approved home education program. Students who do not submit acceptable transcript and program verification documentation may be required to submit evidence of passing scores on the subtests of the G.E.D. exams and a G.E.D. diploma, in addition to the SAT or ACT.
2. Nineteen academic units in college preparatory courses: four in English (at least three with substantial writing requirements), three in mathematics (Algebra I or above), three in natural science (at least two with laboratory), three in social science, two in foreign language (must be sequential levels in the same foreign language), and four approved electives, preferably academic.
3. An overall recalculated grade point average in academic course work as computed by UNF (additional points are assigned to honors, dual enrollment, Advanced Placement, International Baccalaureate, and Cambridge AICE courses) 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. The summer Academic Potential Program (APP) is designed to provide an opportunity for a limited number of applicants who do not meet the established criteria but who bring other important attributes or special talents. Please contact the Admissions Office for more information about this program.

If a student's recalculated grade point average is less than 3.0, the sliding scale may be used to determine academic eligibility. This sliding scale represents the Florida Board of Governors' minimum standards. Each university may establish higher admissions requirements beyond these minimum standards. Admission is competitive. Eligibility for admission does not guarantee admission to the University.

State University System Sliding Admission Scale

If GPA in academic core courses is:

One of the following composite admission test scores must equal or exceed:

HS GPA	SAT or	Recentered	
		SAT-I*	ACT
2.0	1050	1140	25
2.1	1020	1110	24
2.2	990	1090	24
2.3	960	1060	23
2.4	930	1030	22
2.5	900	1010	21
2.6	890	1000	21
2.7	880	990	21
2.8	870	980	21
2.9	860	970	20
3.0	**	**	**

In order to be considered for admission, applicants must have minimum SAT scores of 440 verbal and 440 math or minimum ACT scores of 17 on English, 18 on reading and 19 on math subtests.

* SAT taken after March, 1995.

** Academic eligibility for admission is determined by a recalculated 3.0 or better grade point average and submission of admission test scores.

Dual Enrollment/Early Admission

Talented students in high school may accumulate college credits through two special, non-traditional programs: dual enrollment and early admission. Students who wish to apply to either of these programs must be recommended by appropriate high school officials. Eligibility for participation is set by written agreement between the school district and UNF.

Dual enrollment is a program in which an academically talented student receives permission from the high school to take one or more college courses on the UNF campus while currently enrolled in high school. Dual enrollment students are limited to taking courses required for their high school graduation. All UNF courses to be taken by the student must be approved by the appropriate high school official.

UNF offers a limited number of dual enrollment courses. Home, public or private school students who plan to participate in dual enrollment should do so in close consultation with their high school guidance counselor to ensure the courses will either:

- a. meet UNF general education requirements
- b. meet prerequisite or lower division requirements for the student's intended major, or
- c. substitute for elective hours in the student's intended major. In addition, comparable high school courses should be unavailable and the university must have space available in the requested class.

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The Dual Enrollment Program at UNF is available to high school students enrolled in a home education program. The Dual Enrollment Program is in compliance with Florida Statute 232.02 which regulates home education programs. The appropriate district school superintendent or designee must verify that the student is participating in an approved home education program. Home school students must meet the dual enrollment admission criteria outline below.

Eligibility for participation in the Early Admission and Dual Enrollment programs is set by written agreement between the school district and UNF. The UNF early admission/dual enrollment application which is available from the Office of Admissions should be submitted:

- a. If the student is a public or private school student, the appropriate district school superintendent or designee must verify enrollment in a school in that district or in the private school
- b. If the student is a home school student, the appropriate district school superintendent or designee must verify if the student is participating in an approved home education program.

To qualify for dual enrollment, a student must:

- possess a 3.0 unweighted high school GPA
- submit ACT or SAT scores taken within the last two years (minimum 24 ACT or 1100 SAT).
- submit passing scores for the appropriate subsections of the Florida College Entry Level Placement Test, if the student is requesting an English or mathematics course
- satisfy any course prerequisites
- have permission from high school principal, counselor and parent
- have at least 18 high school credits
- submit a UNF Dual Enrollment application
- have a waiver of any course that can be used for high school graduation. (UNF can only waive tuition for in-state residents for courses required for high school graduation)
- register during open registration

For additional information, contact your high school guidance counselor.

The Early Admission Program provides opportunities for talented students to be admitted as a degree seeking college freshman prior to high school graduation. Superior students who wish to apply for early admission at UNF must be recommended by the appropriate high school officials.

To qualify for early admission, a student must:

- have completed a minimum of six semesters at the high school level in grades 9-11 and 18 high school credits
- have demonstrated ability to excel in advanced level coursework
- achieve a 1200 on the SAT or a 28 on the ACT and a 3.5 minimum weighted GPA

- have submitted a Terms of Agreement form provided by UNF with all of the necessary signatures and specific courses listed as to what courses the high school will accept for high school graduation
- complete a freshman application, health form (immunizations proof), and submit a high school transcript with SAT and/or ACT test scores

The student who is accepted for the Early Admission Program completes the first year in college and the senior year of high school at the same time. Credit earned through this program with grades of “C” or higher may be used in degree programs at UNF. The University waives the cost of tuition and fees (excluding textbooks) for in-state residents for each course that the high school will accept for graduation.

For additional information, contact your high school guidance counselor.

Honors Program for Entering Freshmen

The Honors Program at UNF is designed to provide creative ways for students to explore their academic talents through seminars and mentor programs with major professors. Admission to the program is based on high school GPA and test scores of entering freshmen and on the college GPA of sophomore and junior applicants. Generally, entering freshmen are admitted to the Honors Program (space available) if they graduate in the top 10 percent of their high school classes and present scores of 1200 SAT-I or 26 composite ACT; or are National Merit, National Hispanic, or National Achievement finalists. For further information, refer to the Honors section of this catalog.

Transfer Admission

Due to unprecedented demand for enrollment and a simultaneous budget reduction from the state, the University of North Florida will no longer accept any transfer students except for those students earning articulated associate degrees from Florida community colleges and SUS institutions. Specifically, we will continue to honor statewide articulation agreements including the statewide Associates of Arts agreement as well as the series of career ladder AS-BS statewide articulation. We understand that this is a dramatic shift from our past admissions practices; however, this change is necessary in order for the University of North Florida to maintain the high academic standards and personalized services that we promise to our students.

The University of North Florida will continue to accept transfer students who have earned their associate of arts degrees from Florida community colleges and SUS institutions within curriculum, space and fiscal limitations. Students seeking to transfer under this provision must meet the following criteria:

1. Earn an AA degree from a Florida community college or SUS institution demonstrating at least 60 semester hours of academic work exclusive of occupational courses
2. Must have completed an approved general education program of at least 36 semester hours internal of the AA degree
3. Must have earned a cumulative grade point average of at least 2.0 on a 4.0 system on all college level academic courses attempted
4. Must have completed two years of one foreign language in high school or the equivalent of such instruction at the postsecondary level as defined below

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:

- a. the successful completion of two years of sequential foreign language (sequential levels of the same foreign language) or two years of American Sign Language study in high school, or
- b. the successful completion of 8-10 semester hours of sequential foreign language (sequential levels of the same foreign language) or American Sign Language at the postsecondary level, or
- c. proficiency through a satisfactory score on the College Entry-Level Assessment (CELA), formerly (MAPS) test, for Latin or the College-Level Examination Program (CLEP) foreign language examination.

Foreign Culture Substitutions for Disabled Students

Students must comply with the Florida Board of Education foreign language admission requirement. However, nine semester hours of foreign culture courses, offered in the College of Arts and Sciences, may be substituted for the foreign language admission requirement for students with hearing or visual impairments, dyslexia or special learning disabilities. A formal request for a course substitution must be filed on the ADA Course Substitution Request form available in the Disability Resource Center. This request must be approved by the Foreign Language Course Substitution Committee upon the recommendation of the director of the Disability Resource Center. All students requesting this substitution must be registered with the Disability Resource Center. Appropriate medical documentation to substantiate the request, in the form of a physician's statement, vocational rehabilitation records or other appropriate documentation must accompany the course substitution request form.

CLAST

The College-Level Academic Skills Test (CLAST) has been developed by the state of Florida so students may demonstrate that they have mastered certain academic competencies prerequisite to upper-division undergraduate instruction. Florida law requires students to demonstrate mastery of essential communication and computation skills prior to admission into upper-division and for awarding of associate in arts and baccalaureate degrees. Please refer to the Academic Policies and Regulations section "CLAST Exemptions" in this catalog, and the online Course Schedule and Registration information for the applicable semester. **Students pursuing teacher education majors in the College of Education and Human Services must satisfy the CLAST requirement prior to admission to these majors.**

UNF/Military Policy Agreement

As part of the University's continuing commitment to provide educational opportunities for active-duty military personnel, their spouses and retired military personnel, a policy facilitating the transfer of academic credit was adopted in October 1987. This policy allows active-duty military personnel, their spouses and retired military personnel stationed in Florida, who hold associate in arts degrees from regionally accredited institutions, to transfer as juniors to UNF. To determine eligibility, applicants must provide documentation of an acceptable associate in arts degree and verification of their military status.

Special Admission Requirements/Limited Access Programs:

Bachelor of Arts in Education Programs

The following are the two categories of admission criteria by which students will be directly admitted into all undergraduate teacher education programs in the College of Education and Human Services:

1. Students who have earned a minimum of 60 semester hours or have earned an A.A. degree from a Florida Community College and have a cumulative GPA of 2.5 or better and have passing scores on all four parts of the CLAST or corresponding components of the General Knowledge Test or the Praxis I: Pre-Professional Skills Tests*
2. Students who have completed a bachelor's degree from a regionally accredited institution with a minimum GPA of 2.5 and have passing scores on all four parts of the CLAST or corresponding components of the General Knowledge Test or of the Praxis I: Pre-Professional Skills Tests*

*** All teacher education majors entering the College of Education and Human Services must satisfy the CLAST requirement by passing or exempting all four parts and must demonstrate mastery of general knowledge in reading, mathematics, writing, and computing by passing the FTCE**

General Knowledge Test (GK), CLAST, or Praxis I. Having passing scores on all four parts of CLAST satisfies both of these entrance requirements. But students who are CLAST-exempt may satisfy the general knowledge requirement with passing scores on a combination of tests. However, passing the FTCE General Knowledge Test is also a graduation requirement.

Transferring students, students changing majors, or students who have not satisfied the CLAST requirement and have not presented passing scores on all parts of the CLAST or GK exam will be permitted to earn up to 14 semester credit hours of upper level education course work during which time they must satisfy this requirement as a tentatively admitted student. Students who have earned 14 credits of upper level education course work and have not presented passing scores on all parts of the CLAST or GK tests will be blocked from further registration until such scores are received.

Students not meeting the minimum admissions requirements for the College of Education and Human Services may apply for admission under the College's Exceptions Policy.

Students not meeting the College of Education and Human Services' admissions criteria after being tentatively admitted will be changed to a non-degree seeking student status. This tentative admission exception is not applicable to students with fewer than 60 transferable semester hours of undergraduate credit.

For additional information, refer to the College of Education and Human Services section of this catalog.

Graphic Design and Digital Media Program

The Graphic Design and Digital Media Program at UNF is designed to offer the student an in depth vision into the field of Graphic Design. Students will be exposed to unique learning opportunities and industry standard software packages in order to provide them with a competitive edge when entering the workforce or further education pursuits.

Course work will focus on the students acquiring several portfolio-building pieces. The work will consist of, but will not be limited to: page design, web design, posters, packaging, corporate identification systems and time-based motion graphics. The development of problem solving skills and critical thinking will be stressed in all aspects of the program. Each course will emphasize the creative process as it relates to Graphic Design and Digital Media.

To be accepted into the Graphic Design and Digital Media track students must be admitted into the University and

successfully pass the Limited Access review. All students that have taken and passed the prerequisite courses or approved equivalents are eligible to apply. UNF students should have completed ART2605C BCI and enrolled in, or have completed GRA2190C Introduction to Graphic Design in order to review. Transfer students may apply in either term.

Limited Access reviews will be conducted in October (approximately week 9 of Fall term) for students who desire to enroll in spring classes, and March (approximately week 9 of spring term) for students who desire to enroll in Fall classes.

Instructions for Applying: *Complete the application form and mail or hand deliver to the Department of Art and Design office, before the scheduled deadline.*

Graphic Design & Digital Media Limited Access
Department of Art and Design, Building 45/2416
University of North Florida
1 UNF Drive
Jacksonville, FL 32224

Applications hand delivered to the Department of Art and Design office must be received before 4 p.m. on the deadline. Applications sent by mail must be postmarked on or before the deadline date. DEADLINES WILL BE POSTED ON THE APPLICATION.

Candidates must have the following status to be considered for admission into the Limited Access program in Graphic Design & Digital Media:

- a. Be accepted to the University of North Florida
- b. Have completed ART2605C Basic Computer Image or approved state equivalent, AND be enrolled in, or have completed GRA2190C Introduction to Graphic Design. Transfer students must see an advisor or faculty member to discuss transfer credits and status before reviewing.

Review Day: Students will be notified of their scheduled time by e-mail prior to the review date. Signs will also be posted in the Art and Design office and Graphic Design labs on campus. If a student needs to be removed from the schedule for any reason, it must be done 48 hours prior to the review by contacting the Art and Design office.

Students are required to attend an on-campus review in a Graphic Design lab [2501, 2502 or 2503]. A faculty reviewer will call students into the lab.

Dress is business casual for the review, and participants are encouraged to be prompt and conduct themselves in a professional manner during the review.

Admission into the Limited Access program will be granted or denied after the review is completed. Students will receive notification in the mail within

approximately one week. Feedback will be provided to each applicant on the approval/denial form. The committee's decisions are final.

If Approved: It is recommended that students follow the recommended course of study made available through the department. Students will be allowed to register for Limited Access classes for the following term (students reviewing and admitted in the Spring are eligible for Fall enrollment.) Admission into the Limited Access program does not guarantee enrollment in any given class during a specific term.

If Denied: Students will have one additional chance to review. Review the denial form for suggestions on what needs to be improved upon.

The Portfolio: Submit eight visual arts pieces for the committee to consider. At least four works must be graphic design based (typography and image). No more than two photograph/digital illustration and two hand rendered works, i.e. drawings, paintings. All work must be on a CD as a PDF presentation or PowerPoint or JPG Photoshop image [a PDF presentation is recommended.] Images should not exceed 2 MB each [10x7@96PPI is an appropriate format.] Make sure the CD works on a Macintosh computer prior to the review time. You may design the presentation, but the work should be the main focus. A small amount of descriptive text may also be included for each design piece, including: title or project name, date, and medium. Be sure image quality is clear and the color is accurate.

Reviewers will be considering the following criteria for evaluation:

Creativity: originality in concept and sense of imaginative thought

Exploration: looking into various mediums and materials

Motivation: a desire to work outside of school and interest in the field of graphic design and digital media

Overall Design and Composition: arrangement of visual elements on the page, which shows consideration for space, form, color, line and typography

Technical Proficiency: being able to use the computer, digital camera, scanners and other relevant technology as an effective tool in the execution of design work

Bachelor of Science in Nursing

The Bachelor of Science in Nursing degree program has three tracks: the R.N.-B.S.N. track, the traditional Prelicensure B.S.N. track, and the Accelerated Prelicensure track. The traditional Prelicensure track and the R.N.-B.S.N. track require a 2.9 GPA for admission and the Accelerated Prelicensure track requires a 3.0

GPA for admission. In addition to the GPA requirement, each track has other special admission requirements. For additional information, refer to the Brooks College of Health section of this catalog.

Bachelor of Science in Athletic Training

Students admitted to the program leading to the Bachelor of Science in Athletic Training must meet special requirements and technical standards, and are selected through a competitive admission process. Students considered most competitive for admission will be required to participate in an interview. An additional application for admission is required for this area of study and may be obtained in the program office and on the program website. The application deadline is May 1 of each year. For additional information, refer to the Brooks College of Health section of this catalog and/or contact the program director.

Bachelor of Arts in Music, Bachelor of Music in Jazz Studies, and Bachelor of Music in Performance Music

The Bachelor of Arts in Music, the Bachelor of Music in Jazz Studies, and the Bachelor of Music in Performance Music (offered only in: Voice, Piano, Woodwinds, Brass, Percussions, Piano Pedagogy, Harp and Strings) require applicants to have a performance audition. Prior to applying to UNF, applicants should contact the Department of Music to make arrangements for an audition. For additional information, refer to the College of Arts and Sciences section of this catalog.

Post-Baccalaureate Students

Within curriculum, space and fiscal limitations, the University of North Florida will continue to accept applications for students pursuing post-baccalaureate admissions. Generally, this option will be limited to students whom require additional classes for continuation of their professional licensing such as teachers seeking to become certified or to extend their current certification. To be considered, all students must submit official transcript from all postsecondary institutions attended and must meet all relevant deadlines for the term to which they seek admissions. This option is subject to change and students are encouraged to contact the One-Stop Student Services office at (904) 620-5555 to ensure that this is a viable option for them to pursue.

Message for International Students

The University of North Florida is pleased to welcome you. We recognize that you and your fellow international students, representing over 100 different countries, bring with you perspectives that enrich our campus. We are committed to offering you educational programs and experiences that will enhance your professional development.

We are very aware of the challenges before you and hope to be able to provide you the best possible

10 Admissions

support as you pursue your undergraduate studies at UNF. This support includes our International Student Orientation, which is offered at the beginning of every semester. Required of all new international students, this program reviews your rights and responsibilities and also provides an opportunity for you to meet with your fellow international students.

We wish you well in your time at UNF.

Both the Office of Admissions and the International Center will be happy to help you with the admissions process, described below. If you have any questions or concerns, please do not hesitate to contact either office. You may contact the Office of Admissions by telephone at (904) 620-5555 or by e-mail at onestop@unf.edu. The phone number for the International Center is (904) 620-2657, and the e-mail address is intlctr@unf.edu.

The International Student Application Procedure is made up of two parts, the Admissions portion and the Immigration portion. **Both sets of requirements must be completed and all necessary documentation must be submitted by the posted admissions deadlines.**

The Application Procedure — UNF Admissions Requirements for International Students

- 1. Application Forms:** International students must complete and submit a printed application form or submit an online application. Further information is available at www.unf.edu.
- 2. Application Deadlines:** Applicants should submit their completed application forms and all other required material well in advance of the date they wish to begin at UNF. “First Time In College Students” (freshmen) are accepted in the fall and summer semesters. The deadlines for freshman applications for the fall semester are November 1 with a decision date of December 15; February 1 with a decision date of March 15; and April 1 with a decision date of May 15. The deadline for freshman applications for the summer semester is February 1. Deadlines for undergraduate transfer students for fall semester is May 1, for spring semester it is October 1, and for the summer term it is February 1. Applicants should understand that getting credentials and transcripts evaluated can take a considerable amount of time. In addition, sending or receiving official application material can often take a very long time. Therefore, applicants should complete their applications as far ahead of the deadline as possible.
- 3. Application Fee:** The application fee is \$30. The application fee must be in U.S. currency only (check or money order) drawn from a U.S. bank.
- 4. Academic Records and Credentials Evaluation:** Applicants must submit official academic credentials in

the form of original documents bearing the seal of the institution and the signature of their institution’s Registrar, or exact copies that have been legally certified. The UNF International Center may provide the applicant with the following academic records and credentials evaluations services only if the original documents have literal and complete translations in English:

- a. Document-by-document evaluation (degree, diploma, GPA)
- b. College level course-by-course evaluations (with GPA, course levels, and credits)

Please note that due to the complexity of certain foreign credential evaluation requests, the UNF International Center reserves the right to ask applicants to contact an external evaluation agency directly and provide UNF with an original evaluation of all academic credentials. Transcripts or credentials not in English or records for which U.S. course equivalency is not readily available must undergo a course-by-course evaluation by a reputable foreign transcript and credentials evaluator. A list of acceptable credentials evaluators can be found at the Web pages of NACES (National Association of Credential Evaluation Service) at www.naces.org/members.htm.

- 5. SAT and ACT Test Scores:** First Time In College applicants must submit official test scores of the required admission tests – the SAT (Scholastic Assessment Test) or the ACT (American College Test). Test scores of one of these standard college entrance exams are required of any student who applies for admission to UNF as a freshman.
- 6. English Proficiency:** All applicants, except those from countries where English is the only official language, are required to furnish satisfactory evidence that the applicant’s competency in English is adequate. Most applicants to the University take the Test of English as a Foreign Language (TOEFL); for those applicants, a minimum score of 500 for paper-based, 173 for computer-based, and 61 for Internet-based is required for admissions consideration. However, there are other proofs of English competency that may be used. Alternative methods of proving English proficiency may be found online at the UNF website.

The Application Procedure — United States Immigration 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” on the UNF website 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 out” the applicant to UNF in the SEVIS program.

Registering for Classes — UNF Preregistration Requirements

Before you can enroll in classes at UNF, you must supply the following health certifications. These certifications are not necessary in order for you to apply for admission to UNF; however, once you have been admitted they are necessary in order for you to be able to register for classes.

- a. **Statement of Good Health:** This form can be found on the Immunization Form (Medical Compliance). (See (c) Certification of Immunization listed below.)
- b. **Certification of Health Insurance:** If you have an immigration status of F1 or J1, before you may register for classes you must show proof that you have health insurance. If you currently have insurance coverage, please have your insurance company fill out the form available from the UNF Student Health Services at (904) 620-2175 or from their web page. If you do not have such insurance, you can purchase insurance through the UNF Student Health Services. **Beginning with the fall term of 2008:** 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.
- c. **Certification of Immunization** All students born after 1956 must meet immunization requirements of two doses of Measles and one dose of Rubella. Beginning July 1, 2008, 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 “Immunization Documentation” form. This form is available from the UNF Student Health Services Web page.

Estimated Student Expenses

The following are estimated expenses for international students enrolled in undergraduate programs during the 2008-2009 academic year (fall 2008 and spring 2009). The costs for summer are additional. The estimated costs provided below are subject to change.

tuition and fees (<i>12 credit hours each term</i>)	\$11,996
books and supplies.....	800
room and board	6,834
miscellaneous expenses	4,366
Estimated Total.....	\$23,996

Re-Admission

Any degree seeking student who has not earned his/her degree, who has not enrolled at the University in any of the last three consecutive terms and who wishes to re-enroll in the University must apply for re-admission. In order to be considered for re-admission, a former student must file a new application or update form for admission with One Stop Student Services by the appropriate deadline for the term of requested reentry. An application fee is not required unless the student intends to seek a degree and has not previously paid an application fee. Students who must reapply are subject to any new admissions requirements and to the program requirements published in the catalog for the academic year in which they reinitiate enrollment at UNF.

Admissions offers are made for the term requested by the applicant. If the applicant does not matriculate, he or she must re-apply for the particular term in which they plan to enroll. Supplemental documentation for non-matriculated applicants is kept for up to one year, but applications are term-specific and must be updated for admissions consideration.

Non-Degree Seeking/ Special Students

Due to unprecedented demand for enrollment, we are unable to accept applications from non-degree seeking students at this time. Exceptions to this policy are limited to senior citizens wishing to enroll in the Learning for a Lifetime program and applications to the Teacher Certification program.

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.

Financial Information

Tuition and Student Fees

Florida Residency for Tuition Purposes

Tuition and fees at each public institution in Florida are set by the Florida Legislature with limited flexibility given to 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. Please refer to the FACTS.org homepage, www.facts.org/html_sw/residencyguidelines.html, for further information.

The law allows U.S. citizens and lawful permanent residents to be classified as a Florida resident 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.

If a student meets all of the following criteria, they will be classified as a Florida resident at the time of their application:

Students requesting Florida resident status as an **independent person** must meet all of the following criteria to receive Florida residency status at the time of application:

1. The student’s nation of citizenship is the United States;
2. The student is twenty-four (24) years of age or over;
3. The student’s permanent address is a Florida address;
4. The high school from which the student graduated is a Florida high school;
5. Every institution the student attended is located in the state of Florida; and
6. The student provides written or electronic verification that he or she has been issued two (2) of the following three (3) Florida documents that are dated more than twelve (12) months old:
 - a. a voter’s registration,
 - b. a driver’s license, or
 - c. a vehicle registration.

Students requesting Florida resident status as a **dependent person** must meet all of the following



criteria to receive Florida residency status at the time of application:

1. The student is eligible to be claimed by his/her parent or legal guardian as a dependent under the federal income tax code;
2. The student’s nation of citizenship is the United States;
3. The student is under 24 years of age;
4. The student’s mother, father or legal guardian is the person claiming Florida residence;
5. The student’s mother, father or legal guardian claiming Florida residence has a Florida permanent legal address; and
6. The student’s mother, father or legal guardian claiming Florida residence provides written or electronic verification that he or she has been issued two of the following three Florida documents that are dated more than 12 months old: a voter’s registration, a driver’s license or a vehicle registration.

If the student requesting Florida residency does not meet all of the criteria listed above, he or she must be evaluated further to determine his or her residency status. The student will need to provide clear and convincing evidence that establishes that he or she, or if dependent, the student’s mother, father, or guardian, has been a Florida resident for the preceding 12 months.

The documentation may include, but is not limited to, the following: driver's license, voter's registration card, vehicle registration, declaration of domicile, proof of purchase of a permanent home, transcripts from a Florida school for multiple years, proof of permanent full-time employment, a professional or occupational license, Florida incorporation, documents evidencing family ties, proof of membership in organizations, and any other documentation that supports the student's request for resident status.

Dependent or independent status will be based on a copy of a student's or his or her parents' most recent tax return. A dependent person will be one for whom 50 percent or more of his or her support has been provided by another as defined by the Internal Revenue Service. An independent person will be one who provides more than 50 percent of his or her own support.

A student, or if a dependent his or her father, mother or guardian, must maintain legal residence in the state of Florida for at least 12 months immediately prior to the first day of classes of the term for which residency status is sought in order to be considered a Florida resident. The burden of providing the documentation, which justifies the classification of a student as a resident for tuition purposes, rests with the applicant. The university may establish submission deadlines for all documentation that will be used to determine residency for tuition purposes. All determinative documents must be dated at least 12 months before the first day of classes for the term in which residency is sought. Students who are dependent on out-of-state parents or who come to Florida solely for educational purposes are generally ineligible for classification to Florida status.

If Florida residency for tuition purposes is denied, the student may file an appeal in writing to the Enrollment Services Appeal Committee for a final decision. Students will be notified in writing of the classification decision following an appeal.

Reclassification

All requests for change of residency with supporting documentation should be submitted to One Stop Student Services within the deadline period noted in the University Calendar during registration for any term. Requests will be reviewed and approved if documentation meets SUS Florida residency reclassification requirements. If the reclassification request is denied, the student may file an appeal, in writing, through the Enrollment Services Appeal Committee. Students must provide copies of all documentation with their appeal. Students will be notified in writing of the final reclassification decision.

Tuition and Student Fee Schedule

Fees subject to change without prior notice. Contact the Cashier's Office at (904) 620-2472 or refer to their

website for current tuition information at www.unf.edu/dept/controller/cashier.htm.

Application Fee: (non-refundable; each applicant) \$30

Tuition Fees: (per credit hour; includes Student Fees) for 2008-2009 are:

Undergraduate	Resident	Non-Resident
1000-4000 level courses	\$116.37	\$504.44
Graduate	Resident	Non-Resident
5000-7000 level courses	\$266.27	\$857.61

Please refer to the Cashier's website at www.unf.edu/dept/controller/cashier.htm for 2008-2009 tuition.

Repeat Hour Assessment: In accordance with House Bill 1545 § 240.124 and effective fall of 1997, students enrolled in the same undergraduate college credit course more than two times shall pay matriculation at 100 percent of the full cost of instruction. The first-time enrollment in a class shall mean enrollment in a class beginning fall semester 1997. Courses repeated more than two times to increase grade point average or meet minimum course grade requirements will be included in the repeat hour calculations. The individualized study, courses repeated as a requirement of the major, courses that are intended as continuing over multiple semesters, courses taken for audit, co-op courses, military science, and waivers will be excluded from the repeat hour assessment.

Material Fee: Various fees may be assessed for certain courses: \$15 certain art courses; \$15 painting courses; \$30 all graphic design courses; \$20 printmaking courses; \$40 all ceramics and sculpture courses; \$50 all photography courses; \$35 certain music courses; \$15 or \$20 certain psychology courses; \$15 certain nursing courses; \$19 Wall Street Journal fee.

Laboratory Fee: Various fees may be assessed for certain courses: \$15 certain nursing courses; \$30 all biology, chemistry and physics classes; \$15 or \$20 certain physical therapy courses; \$15 or \$20 certain health science courses; \$30 certain computer science and engineering courses.

Distance Learning/FEEDS: A fee of \$50 will be assessed for students enrolling in distance learning sections (including FEEDS) of video-based courses conducted in the Donald D. Farshing Video Production Classroom to help supplement the additional costs involved in delivering these classes.

Orientation Fee: First-time in college and transfer students will be assessed a one-time, non-refundable fee of \$35.

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Late Registration Fee: A fee of \$100 will be assessed for failure to register within prescribed periods.

Reinstatement Fee: A fee of \$100 will be assessed when students reinstate into courses from which they were purged for non-payment.

Late Payment Fee: A fee of \$100 will be assessed for failure to pay or pend within the prescribed payment period.

Returned Check Fee: Payments made by check which are returned for any reason (i.e. insufficient funds, stop payment, account closed, etc.) will be assessed a service fee based on the following schedule:

- \$25 If face value of check is \$.01 to \$50
- \$30 If face value of check is \$50.01 to \$300
- \$40 If face value of check is \$300.01 to \$800
- 5% of face value if check exceeds \$800.00

Restitution must be made by cash, money order or certified check. If the University has received one returned check, future payments must be made with certified funds (cash, money order, credit card). Personal checks will not be accepted.

Duplicate Diploma Fee: There is a \$10 fee for duplicate diplomas.

Transcript Fee: There is a \$8 fee per transcript. Students will receive two official copies free when they receive their baccalaureate and/or graduate diplomas.

Identification Card: The OspreyCard is a multipurpose services card that students are required to carry. It serves as a student identification card, library card, debit card for meal plan and flexbucks, vending card, and a membership card for currently enrolled students. The OspreyCard is required for students to access a variety of campus services such as the Fitness Center, pool, intramural sports, Student Health, athletic events and SG events. Students can use the prepaid debit function and receive vending discounts for beverages and snacks, and in laundry facilities in Housing. Discounts are offered by some local merchants for students presenting their OspreyCard. The OspreyCard Office is located in Daniel Hall, Bldg. 1, Room 1600. An annual charge of \$7 will be placed on the student account for card services. Replacement cards are \$15. For more information and details, call the OspreyCard Office at (904) 620-4000.

Parking Permit Fees: All vehicles parking on campus must display a valid UNF parking permit. Students who do not buy an annual or term permit should park in lot 18 or lot 53 and purchase a Day Permit from the permit dispensers for \$2.80 plus sales tax = \$3 total per day. All other permits can be purchased on-line via myWings Web portal or at the Cashier's Office.

Fees for permits that are available to students August 2008 - August 2009

1st floor garages annual	\$261.68 + sales tax = \$280	total
Premium annual	\$149.53 + sales tax = \$160	total
Premium term	\$88.78 + sales tax = \$95	total
Housing annual	\$191.58 + sales tax = \$205	total
Housing term	\$116.82 + sales tax = \$125	total
Discount annual	\$88.78 + sales tax = \$95	total
Discount term	\$51.40 + sales tax = \$55	total
Motorcycle annual	\$60.74 + sales tax = \$65	total

Permits are available as hanging or as affixed decals (except for motorcycle permits which are only available as affixed decals).

Please refer to the Parking Services website www.unf.edu/parking or call (904) 620-2815 for general parking information.

Shuttle Bus Service: An on-campus shuttle bus service is available providing easy access around UNF. Operating hours are usually Monday through Friday 7 a.m. to 3 a.m. and Sunday evenings from 6 p.m. to 12 a.m. There is no service on Saturdays. A transportation access fee of \$3.85 per credit hour will be charged to all students. Students are not required to show ID nor pay any additional amount when utilizing the shuttle service. For more information on the shuttle and route maps, please go to www.unf.edu/shuttle or call (904) 620-1186.

Fee Payment

All fees must be paid or pended in the Cashier's Office by the date listed in the University Calendar online unless you are automatically pended. Failure to pay or pend may result in registration cancellation, but not necessarily fee liability. A \$100 late payment fee will be assessed on all fees not pended or paid in full by the date listed in the University Calendar. If your tuition bill is deferred against pending financial aid, your aid must be disbursed to your account prior to the expiration date or you will be assessed a \$100 late fee. FINANCIAL AID IS NOT AUTOMATIC. You should check your myWings account on the status of your aid and to ensure that you've completed all documents, signed promissory notes for loans, etc. NOTE: You must be enrolled in at least six credit hours to qualify for Bright Futures and student loans.

A fee transaction, regardless of amount, confirms a student's intention to attend all courses for which he/she is still registered at the close of the drop/add period, and grades will be assigned unless the student officially withdraws. Students are fee liable for all courses they register for (unless they drop the course by the published deadlines to do so) regardless of attendance in the class.

A fee payment check returned for any reason (i.e.,

insufficient funds, stop payment, account closed) does not cancel the student's fee liability. A service charge and a \$100 late payment fee will be assessed and the payment must be made by cash, money order or certified check. If the University has received one returned check, future payments must be made with certified funds (cash, money order, credit card). Personal checks will not be accepted.

Florida Prepaid

There are two main types of tuition prepaid contracts—tuition or tuition and local fees. Tuition accounts cover the matriculation, financial aid, building & capital improvement fees (at the undergraduate rate—currently \$86.01 per credit hour). The students with tuition only accounts will have to pay the local fees (currently \$34.22 per credit hour) by the tuition due date to avoid a \$100 late payment fee assessed to their account. Students who have tuition and local fee accounts have most of their fees covered, but will have the transportation access fee (currently \$3.85 per credit hour) and other nominal charges (such as ID card fee) to pay.

The Cashier's Office automatically defers the 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. Students who do not want the University to bill Prepaid for a particular semester, must submit an **opt-out** form to the Cashier's Office by the end of the second week of the semester. The opt-out form is valid for one semester only, and must be completed every semester you wish to opt out. The form is available in the cashier's office and online at www.unf.edu/dept/controller/cashier/student_forms/htm.

Students who have Florida Prepaid for residence hall charges must submit a copy of their Prepaid card to housing by the due date. Student's accounts are not credited until the payment is received by Florida Prepaid.

Reinstatement of Registration

Students whose registrations are cancelled due to failure to pay or pend fees may apply for reinstatement by submitting a reinstatement petition to One Stop Student Services prior to the reinstatement deadline (which is the end of the third week of classes as noted in the University Calendar that appears online). Students must reinstate in all courses for which they were originally registered. If reinstatement is approved, the student must pay all delinquent financial liabilities and will be charged a \$100 reinstatement fee and a \$100 late payment fee.

Fee Refunds

Full refunds will be issued for each course dropped before the close of the drop/add period indicated in the University Calendar online. Students can drop courses

in person, or online via the myWings Web portal. A full refund will be made 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 drop/add period, students who **completely** withdraw from the University will receive a 25 percent refund (less building / capital improvement fees). This refund is dependent on the University's approval of a student's written notice of withdrawal from the University. Such written notice should be made in person at One Stop Student Services by the date indicated in the University Calendar as the last day to receive a 25 percent refund; however, written notice of withdrawal may be given by mail postmarked by the 25 percent refund deadline. This 25 percent refund applies only to fall, spring, and cross-term summer.

Fee Petitions

To request a full refund after the drop/add period, a student may file a petition if one of the following conditions are met and documentation is provided:

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)
3. Incapacitating illness of such duration or severity, as confirmed in writing by a physician, that completion of the term is impossible
4. A situation in which the University is in error

To file a fee petition, a student, or someone acting on the student's behalf with written authorization, must:

- a. officially withdraw from the course(s) or the University;
- b. complete a fee petition available in the lobby of the Cashier's Office (Building 1, Room 1230) and attach documentation supporting one of the conditions indicated above;
- c. submit the fee petition with appropriate documentation to the Controller's Office for processing.

The petitioner will be notified of outcome after committee review. Students have six months from the assessment of the fees in question to file a fee petition. Petitioning for a refund is not a guarantee that a refund will be approved. The decision of the Fee Committee is final. **Students may not petition for a refund of the third attempt repeat surcharge.**

Tuition fee refunds provided to students will be processed against any outstanding charges prior to remitting a check to the student.

Financial Holds

Failure to pay outstanding amounts due UNF will result in a financial hold being placed on the student's records and the registration process. A financial hold prohibits

processing of requests for transcripts, registration, reinstatement, enrollment verification, release of grades, and receipt of diploma until the debt is cleared by the Cashier's Office.

Waiver of Tuition

Florida Residents over 60 Years of Age

Waivers are available to Florida citizens over the age of 60. Citizens using these waivers are restricted to registering in certain courses on a space-available basis and must register as auditing (seating privilege). Registration may be done in person or via myWings on the date(s) listed on the website. No waivers will be processed after this date. The University will automatically pend Senior Citizen Waivers if properly registered in One Stop Student Services. Waivers do not waive late registration, reinstatement fees, or miscellaneous fees.

Children of law enforcement officers and firefighters who are unlawfully and intentionally killed while performing their duties

Florida statutes provide that the state shall pay certain educational expenses for the children of law enforcement officers and firefighters who are unlawfully and intentionally killed while performing their duties. Additionally, any dependent child of a Special Risk member of the Florida Retirement System may receive a full waiver of undergraduate fees at a state university if the Special Risk member was killed in the line of duty. Check for all registration and deadline information at One Stop Student Services, (904) 620-5555.

Student Employment at UNF

For the purpose of employment at the University of North Florida and in order to consider a student exempt from the payment of the Federal Insurance Contributions Act (FICA), student workers must be enrolled at least half-time and regularly attending classes at UNF.

For the purpose of employment at the University of North Florida, a half-time undergraduate student is defined as a degree-seeking student enrolled in a minimum of six credit hours in fall and spring semesters (four credit hours for summer). Graduate students must be enrolled in four credit hours in fall and spring (three credit hours during the summer).

Student workers participating in the Federal College Work Study Program (FWSP) at the undergraduate and graduate level are required to be enrolled in a minimum of six credit hours in each semester (fall, spring and summer) and are limited to 20 work hours per week while classes are in session.

Student workers, except FWSP and international students, are allowed to work up to 40 hours per week and retain FICA exemption. International students must be enrolled

full-time and are limited to 20 work hours per week during fall and spring semesters. These student workers should check with The International Center for further information, (904) 620-2657.

Any student not meeting the above criteria or not showing sufficient legal documentation approving exemption from FICA shall be required to have FICA deducted from all wages earned during the period of ineligibility. If a student's status changes from non-exempt to exempt from FICA, none of the FICA previously withheld shall be refunded.

Students interested in employment opportunities other than Federal Work Study are urged to refer to the job listing maintained by the Office of Human Resources and the Career Services Office, or to seek employment independently.

Student Financial Aid Application Procedures

The financial aid program 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. Educational opportunities should not be limited by the financial resources of the students and their families, although the University expects students and/or their families to make a maximum effort to help with University expenses.

UNF provides a comprehensive student financial aid program. All aid is based on individual need, educational costs, and availability of funds. Awards may consist of scholarships, loans, grants, and/or employment. Funds are limited; therefore, students are encouraged to complete their file by the April 1 priority date for early consideration. Applications after April 1 are considered on a funds-available basis only. Inquiries concerning financial aid should be directed to One Stop Student Services. To apply for aid the following steps must be met:

1. Complete and process the Free Application for Federal Student Aid (FAFSA). You may complete your FAFSA at www.fafsa.ed.gov.
2. If selected for verification, students will be required to provide copies of relevant federal income tax returns (1040, 1040A, 1040EZ, and W2 Forms). Dependent students must also provide parents' tax information. Independent married students must provide spouse tax information. Other information may also be requested to meet federal verification regulation requirements.
3. To be awarded financial aid, a student must be accepted into a degree-seeking major and be enrolled in a sufficient number of credit hours. Courses taken in an audit status are not eligible for financial aid, nor can they be considered when determining sufficient enrollment for financial aid.
4. For financial aid purposes, full-time enrollment is de-

fined as a minimum of 12 semester credit hours per semester for undergraduate and post baccalaureate students and a minimum of nine semester credit hours per semester for graduate students. Students who enroll less than full time may have their awards reduced or, in some cases, cancelled.

Types of Financial Aid

Federal Pell Grant: The Federal Pell Grant is a federal aid program designed to provide financial aid to undergraduate students. Pell Grants are intended to be the “floor” of a financial aid package and may be combined with other forms of aid in order to meet the cost of education. The amount of the grant is determined on the basis of the student’s and the family’s resources. The maximum award is \$4,731 per academic year.

Federal Supplemental Educational Opportunity Grant Program (SEOG): Federal SEOG grants are federal grants designed to assist undergraduate students demonstrating an exceptional financial need who qualify for a Federal Pell Grant. Award amounts are based on the amount of need and availability of funds.

Florida Student Assistance Grant (FSAG): The Florida Student Assistance Grant Program was established to provide awards to qualified undergraduate students who are Florida residents attending accredited colleges, universities, and community/junior colleges in Florida and demonstrate a need for a Federal Pell Grant. Students must also demonstrate exceptional financial need and be enrolled full-time (12 hours or more) at UNF. Limited funding is available to eligible applicants enrolled in six to 11 hours.

Students may apply by completing the Free Application for Federal Student Aid (FAFSA) by our priority deadline of April 1.

Academic Competitiveness Grant Program: An eligible student may receive an Academic Competitiveness Grant (ACG) of \$750 for the first academic year of study and \$1,300 for the second academic year of study. To be eligible for each academic year, a student must

- Be a U.S. citizen;
- Be a Federal Pell Grant recipient;
- Be enrolled full-time in a degree program;
- Be enrolled in the first or second academic year of his or her program of study at a two-year or four-year degree-granting institution;
- Have completed a rigorous secondary school program of study (after January 1, 2006, if a first-year student, and after January 1, 2005, if a second-year student);
- If a first-year student, not have been previously enrolled in an undergraduate program; and

- If a second-year student, have at least a cumulative 3.0 grade point average on a 4.0 scale for the first academic year.

National SMART Grant Program: An eligible student may receive a National SMART grant of \$4,000 for each of the third and fourth academic years of study. To be eligible for each academic year, a student must:

- Be a U.S. citizen;
- Be a Federal Pell Grant recipient;
- Be enrolled full-time in a degree program;
- Major in physical, life or computer science, engineering, mathematics, technology, or a critical foreign language; and
- Have a least a cumulative 3.0 grade average on a 4.0 scale in the coursework required for the student’s major;
- Be currently enrolled in the coursework required for the student’s major.

UNF Institutional Grants: The University of North Florida offers a variety of grants for undergraduate students who demonstrate financial need. Awards range in value from \$300 to \$1,500 per academic term.

Federal Stafford Loan Program: A federal loan program supported with dollars from banks and other lending institutions is available to eligible students. There are two types of Federal Stafford Loans. The need-based “subsidized” Federal Stafford Loan and the non need-based “unsubsidized” Federal Stafford Loan.

Federal Subsidized Stafford Loan: First-year undergraduate students may borrow up to \$3,500 per academic year. Second-year undergraduate students may borrow \$4,500 per year. Third- and fourth-year undergraduate students may borrow \$5,500 per year. There is an aggregate maximum of \$23,000 for undergraduate studies. Interest rate vary based on Federal regulations.

Federal Unsubsidized Stafford Loan: Students who feel that it is necessary to borrow additional funds through the “unsubsidized” Federal Stafford Loan should contact One Stop Student Services for additional information.

Federal Plus Loans: The Federal Parent PLUS loan program enables parents of undergraduate dependent students to borrow directly from lending institutions to assist in defraying the cost of attending eligible post-secondary institutions. An eligible parent may borrow up to the cost of education minus other aid. This amount is in addition to amounts borrowed under the Federal Stafford Loan Program.

Federal Work-Study

The Federal Work-Study Program is a federal program supported with matching funds from UNF. This employment program is designed to assist students by providing employment opportunities and work experience while attending school. Students are paid an hourly rate on a bi-weekly basis. Students must demonstrate financial need through completion of a FAFSA and be enrolled in at least six credit hours.

Out-of-State Tuition Waivers

Out-of-State tuition may be waived for certain full- and part-time enrolled non-residents who have skills or abilities which will contribute to the academic environment of the University. UNF attracts a great majority of its students from Northeast Florida. In an effort to create a diversified student body, the University actively seeks a limited number of students who reside outside of Florida. Non-resident students should contact the individual college to apply. Awards are made based on the availability of funds.

Appeals Procedure

An appeal is a request for re-evaluation of your offer of financial assistance based upon changes in the circumstances reported on your application for financial aid. If you think some aspect of your financial situation was overlooked during the award process that would affect an evaluation of your need, you are entitled to an appeal. To have your award reevaluated, you should contact One Stop Student Services. Appeals of financial aid offers will be considered subject to federal, state and university regulations, as well as available funds.

Satisfactory Academic Progress Policy

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 to be eligible to receive financial aid, students must maintain specified grade point averages and proceed through the program at a pace leading to completion within a specified time frame. Satisfactory academic progress will be measured at the end of each semester.

Required Grade Point Averages

Undergraduate and post-baccalaureate students must achieve a minimum term grade point average of 2.0 to be considered making satisfactory progress.

Required Completion Rate

Undergraduate and post-baccalaureate students are required to complete 67 percent of all credit hours attempted.

Requirement of Maximum Time Frame

The Higher Education Act requires that institutions establish a maximum time frame in which students receiving Title IV funds are expected to complete their program of study. To remain eligible for financial assistance, the students must complete their degree as follows:

Undergraduate: students' eligibility for financial aid ends when they have exceeded 180 attempted hours for all college work.

Post-Baccalaureate: students' eligibility for financial aid ends when they have exceeded 90 attempted hours for post-baccalaureate work.

Probation & Reinstatement Procedures

When a student fails to meet any of the standards outlined above for a specified period, the student will be placed on warning after the first occurrence, probation after the second occurrence, and suspension after the third occurrence. During the warning and probation terms, the student is allowed to continue to receive financial aid. If the student fails to meet the requirements at the end of the probation period, the student will no longer be making satisfactory progress and will be ineligible for financial aid.

Reinstatement of Aid

Students who have been terminated can reestablish eligibility by successfully completing the required number of hours and by attaining the overall cumulative grade point average by the end of the next period. The student must then submit a copy of the new transcript and follow the appeal process listed below.

Policy for Student Appeals

If a student is ineligible for financial aid based on the satisfactory academic progress requirements, the student may appeal this decision by completing the Satisfactory Progress Appeal form and submitting the form to the One Stop Student Services. A review of the appeal will determine whether suspending financial aid is justified. The student will be advised in writing of the decision. If appeals are denied at this level, the student may appeal to the Enrollment Services Appeal Committee.

The following steps are required when submitting an appeal:

1. Submit the Satisfactory Progress Appeal Form
2. Clearly state the circumstances that affected your academic performance
3. Provide written documentation of your special circumstances
4. Attach supporting documentation that validates your statements
5. Identify the steps you have taken to ensure that you will not fall below satisfactory academic progress standards in the future

6. For students who have exceeded the maximum time frame requirement, submit the Special Graduation Contract that the student and the academic advisor must sign.
7. Sign and date your petition

Some examples of acceptable reasons that must be validated are listed below:

1. A student's serious illness or accident that must be documented from a medical or mental health professional
2. Death in the student's family that must be documented by providing a copy of the death certificate
3. Other unforeseeable circumstances beyond the control of the student that caused the student to fall below the satisfactory progress standards

Appeal Deadline

Appeals must be submitted to One Stop Student Services within three weeks of the date of written notification of unsatisfactory progress. It is the responsibility of the student to decide when an appeal is appropriate and to initiate an appeal before the specified deadline.

Withdrawals and Incompletes

Students who withdraw from courses after the drop/add period are not considered to be making satisfactory academic progress and may be required to repay a proportionate amount to financial aid programs.

Withdrawals and incompletes are not considered completed courses. It is the responsibility of the student to provide information on changes made after the normal grading periods.

Return of Title IV Aid

For all financial aid students who withdraw or stop attending classes before completing more than 60% of the term, a portion of the total federal aid received, excluding Federal Work Study earnings, may need to be repaid. The amount of federal aid that you must repay is determined by the Federal Formula for Return of Title IV funds (Section 484B of the Higher Education Act). If you never attended classes, then all the funds disbursed would have to be repaid. The steps taken to determine the repayment are as follows:

- Step 1:** Determine the percentage of the enrollment period the student attended before withdrawing. (days attended divided by total days in the period minus break days.)
- Step 2:** Determine the amount of Title IV aid earned by multiplying the total Title IV aid (other than Federal Work-Study) for which the student qualified by the percentage of time enrolled.
- Step 3:** Compare the amount earned to the amount disbursed. If more aid was disbursed than was earned, determine the amount of Title IV aid that must be returned by subtracting the earned amount from the disbursed amount.

Step 4: Allocate the responsibility for returning unearned aid between the school and the student according to the portion of disbursed aid that could have been used to cover institutional charges and the portion that could have been disbursed directly to the student once the institutional charges were covered.

Step 5: Distribute the unearned funds back to the appropriate Title IV program.

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. 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. This process can be completed online. Visit the Department of Education's website at www.fafsa.ed.gov for detailed information on completing a FAFSA.

Institutional Scholarships

All students who apply and are admitted to UNF are automatically considered for freshman scholarships based on their admissions application information. Scholarships are awarded based on a variety of factors, including high school course selection, grade point average, and SAT or ACT test scores.

Transfer students may also be considered for institutional scholarships based on their admissions application information, transfer grade point average, and major.

Foundation Scholarships

Foundation scholarships are contributions made to the University from private donors. These awards have specific eligibility requirements and stipulations regarding the awarding and monitoring of the scholarships that have been established by the donor and the University. Please visit the UNF Financial Aid website for detailed information concerning these scholarships at www.unf.edu/finaid/scholarships/index.html.

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 during their last year in high school. To learn more about the Florida Bright Future Scholarship Program visit their website at www.floridastudentfinancialaid.org/ssfad/home/uamain.htm. For other information concern-

ing state-sponsored scholarships, visit the website at www.floridastudentfinancialaid.org.

Private Scholarships

Private scholarships are funded by private organizations such as clubs or businesses. These organizations establish the eligibility and renewal criteria for their own scholarships and choose recipients. You may research private scholarship opportunities by using a Web search.

Tuition Deferment

If a student accepts a financial aid award, the University will automatically defer the payment of tuition for approximately five weeks after the semester begins. The deferment of tuition and fees against anticipated financial aid will expire several weeks into the semester. If a student's anticipated aid has not disbursed by the time the deferment expires, the student may have a late payment fee assessed. In these situations, the financial aid is not necessarily lost or cancelled; it simply indicates the tuition deferment has expired. Students should proactively monitor their myWings account for financial aid requirements and/or messages. Some types of aid are excluded from tuition deferment including Federal Work Study Program and Florida Prepaid Program.

A student who cannot automatically defer the tuition must make payment online via myWings or in person at the Cashier's Office by the end of the first week of classes.

A student whose aid has not disbursed by the fourth week of classes must make payment online via myWings or in person at the Cashier's Office by the end of the fifth week of classes to avoid late fees and registration holds.

Any questions concerning this process should be referred to One Stop Student Services or the Cashier's Office.

Financial Aid & Scholarship Check Disbursement

The first disbursement of financial aid disbursements occurs after the third week of classes. As students' files are cleared, financial aid disbursements are issued to eligible students on a weekly basis throughout the term. First time in college students cannot receive their loan funds until 30 days into the term. If you are a first time borrower at UNF under the Federal Stafford Loan Programs, you must complete a loan entrance interview before your funds will be released. Allowable institutional charges owed to the University will be deducted from the first available financial aid or scholarship source. If funds remain after institutional charges have been deducted, a check for the remainder will be mailed to the student or deposited via direct deposit on established disbursement dates.

NOTE: All Financial Aid recipients should be prepared to purchase textbooks and to meet their living expenses during the first three weeks of class.

Estimated Expenses Per Academic Year

UNF has developed profiles of average budgets for students in various dependent and independent categories. Each budget, of course, depends upon the individual student. Students who are in need of financial counseling should specifically request this assistance through One Stop Student Services.

Financial Planning Worksheet: The following worksheet is provided to help students in financial planning at UNF.

Expenses

Tuition/Registration Fees \$ _____

Books/Supplies
(\$400 average per term) \$ _____

Housing
(Apartment costs range from \$270-\$540 monthly; single students are expected to share apartments.) \$ _____

Food \$ _____

Misc. expenses, including medical/personal \$ _____

Transportation expenses, including auto/commuter expenses \$ _____

Total Expenses \$ _____

Resources

Student Savings \$ _____

Scholarship \$ _____

Parents/Relatives \$ _____

Employment \$ _____

G.I. Bill, Social Security, etc. \$ _____

Total Resources \$ _____

Your Financial Need
(Expenses Less Resources) \$ _____

Veterans Assistance-Certifications

One Stop Student Services is available to assist veterans eligible for any of the educational benefit programs

administered by the Veterans Administration. Students who believe that they are eligible for benefits may receive assistance in applying for them through the One Stop Student Services Center.

All degree programs at UNF are approved for VA purposes by the state approving agency for veterans training.

Types of Programs, Eligibility & Benefits

Chapter 30 - Montgomery G.I. Bill: First entered active duty July 1, 1985 or later and completed initial obligated period of active duty of two years or more or who completed two years of active duty and enters the selective reserve for four or more years. Certain Chapter 34 eligibles are entitled after December 31, 1989.

Chapter 31 - Vocational Rehabilitation: Must have a service-connected disability rated at 10 percent or more which causes a demonstrable employment handicap, and signed up prior to April 1, 1987 to make contributions.

Chapter 32 - Veterans Educational Assistance

Program: Served on active duty for at least 181 continuous days and enlisted for the first time between January 1, 1977 and June 30, 1985 inclusive, and signed up prior to April 1, 1987 to make contributions.

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.

Chapter 1606 - Educational Assistance for the Selected Reserve:

Enlisted: enlisted, re-enlisted, or extended enlistment for a six-year period after June 30, 1985. Officer: added six years to current obligation after June 30, 1985.

Students must expect a possible delay of 60 days for receipt of benefits during their first term at UNF to allow for processing of forms at the regional level. Veterans report their anticipated annual enrollment by term (fall, spring & summer) to One Stop Student Services for certification of enrollment. Any course load changes must be reported immediately.

Recommended schedule for the submission of forms:
First application 10 weeks before term

Transfer from out-of-state	10 weeks before term
Transfer from school in Florida	6 weeks before term
Return to UNF after two semester absence	6 weeks before term

Initial certification can be made for one semester during which time the student may be waiting for transcripts or test scores (e.g., GMAT, GRE or SAT). However, undergraduates may not be certified for a second term until fully admitted into a degree program. For information about career advisement and placement services, see the Student Services section of this catalog.

Veterans who plan to attend UNF under any of the veterans training laws must contact One Stop Student Services. The office will assist veterans with completing all forms necessary for transferring and initiating educational benefits.

Certification of School Attendance

Veterans Affairs certifies school attendance to the appropriate Veterans Administration office

	Undergraduate	Graduate*
Full-Time	12 hours or more	9 hours or more
Three-Quarter	9-11	7-8
Half-Time	6-8	4-6
Less than Half-Time	1-5	1-3

* Graduate students who enroll in 3000 or 4000 level courses may have their level of certification lowered as a result of enrollment in such courses.

To expedite processing of certification, students receiving VA education benefits must report to One Stop Student Services at UNF after registering for course work. Students are responsible for notifying One Stop Student Services whenever their course load changes.

In order to be eligible for benefits, veterans 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 3.0 during the term following probation status. All veterans should consult One Stop Student Services for specific information about requirements for benefits. Call the One Stop Student Services Center at (904) 620-5555 located in Building 2, Founders Hall.

VA Work-Study

Veterans receiving VA educational benefits, who are enrolled at three-quarter training time or more, are eligible for VA Work Study programs. If you are interested in these programs, contact the One Stop Student Services Center at (904) 620-5555.

Academic Policies and Regulations

Mark E. Workman, Provost and Vice President for Academic Affairs
(904) 620-2700

General Policies and Regulations

University Classification: Students entering the University of North Florida as freshmen will not be classified within a department or division, but will be assigned to an academic advisor in the Academic Center for Excellence. Students must declare a major after they have completed 48 semester hours.

After completion of 60 hours, students must be admitted to an upper-level college and must establish an official program of study. When junior-level students are admitted to UNF, they enter a department within one of its 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 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. This program of study may be amended to accommodate waivers and/or substitutions of courses as well as additional courses. The programs in this catalog show the generally accepted courses necessary for completion of basic requirements for each degree program.

If a student's academic objectives change, an application for change of major must be submitted to One Stop Student Services. If the request is approved, it will be processed promptly.

Upon recommendation of the faculty and the chair of a department, the dean may deny a student's continued registration in the department.

Credit Transfers: 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 their completion, relevancy to the present degree objective, accreditation status of the institution where earned or other significant factors. In general, credits earned by correspondence or extension are not transferable in excess of 30 semester hours, no more than 10 hours of which may be upper-level credits.

The University will accept a combination of 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 - Proficiency Examination Program (PEP)
- Military service school credit as evaluated by the American Council on Education Guide to the evaluation of educational experiences in the armed services. (A maximum of 15 hours)
- Correspondence/Extension coursework credit from a regionally accredited institution. (A maximum of 30 hours of which no more than 10 may be upper-level hours)
- International Baccalaureate (IB)

Up to 45 total credit-by-exam credits may be awarded including up to 30 credits for the IB diploma.

Credit by Examination (CLEP): 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 in Appendix L. 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 drop/add 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 semester hours of credit. The applicability of these credits toward completion of general education requirements will be determined by One Stop Student Services. 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 One Stop Student Services.

Advanced Placement: Credit will be granted for satisfactory scores on the Advanced Placement Examinations. Generally, a score of three (3) or higher is sufficient. Please refer to Appendix J in the back of this catalog.

International Baccalaureate: UNF recognizes the International Baccalaureate and may award up to a maximum of 30 semester hours of credit. Charts which can be used as a guide to determine the type and amount of credit are found in Appendix K in the back of this catalog.

General Education Program

The three traditional components of undergraduate education are: 1) the General Education program; 2) the academic major; 3) a minor and/or electives. A key purpose of General Education is to provide the components of a liberal education that develop and cultivate the capacities required for effective social, intellectual, and cultural engagement in a diverse democratic society and global environment. The General Education program provides the opportunities to gain skills, knowledge and values that support full social participation and citizenship. One must have the critical analytical and communication skills, as well as knowledge of the natural, social, and quantitative sciences to understand and argue the important issues of the day. Furthermore, these issues call for aesthetic and ethical values and reflection that are developed most profoundly through the arts and humanities. In the major, the principles of liberal education are further developed as students examine a specialized field in depth and develop knowledge in preparation for a career. By their choice of a

minor and electives, students are able to pursue additional or supplemental areas of intellectual interests

General Education Curriculum

Given the purpose of general education, the success of the program depends on realizing a concrete set of expected outcomes. Those outcomes are as follows:

I. Skills:

Students should be able to

think critically, reason soundly, and argue effectively, as demonstrated by the ability to:

- analyze arguments according to standard criteria
- assume and defend a position on a given topic
- use systematic processes, including the collection and analysis of evidence, to form and support conclusions,
- read and analyze complex texts, including the analysis of rhetorical devices and modes of inference.

Students should be able to

demonstrate competence in the use of information technology, as demonstrated by the ability to:

- locate, retrieve, and filter information using appropriate resources,
- use appropriate software for developing written and graphic materials and for organizing, analyzing, and presenting data,
- use appropriate network communications software.

Students should be able to

communicate effectively, as demonstrated by the ability to:

- write coherent analytical and persuasive papers using effective expression,
- speak with clarity and organization of thought address diverse audiences.

II. Knowledge:

Students should know

the natural and designed world,

- demonstrating a general knowledge of current scientific understanding of the history and nature of the universe, the earth, and of life forms
- demonstrating a general knowledge of the methods and traditions of analysis in the natural sciences

Students should know

the social, political, economic, and psychological world,

- demonstrating a general knowledge of scholarly understanding of the range of social, political, geopolitical, and economic organization
- demonstrating a general knowledge of human development, behavior, and health
- demonstrating a general knowledge of American politics and society, including the experience of significant minority groups
- demonstrating a general knowledge of the methods and traditions of analysis in the social sciences.

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Students should know

history, literature, art, music, and philosophy,

- demonstrating a general knowledge of the nature, origins, and contributions of major civilizations
- demonstrating a more detailed knowledge of formative influences in the recent past
- demonstrating a general knowledge of the methods and traditions of analysis in the humanities

Students should know

mathematical and quantitative reasoning,

- demonstrating general knowledge of the breadth, power, development of major areas of mathematics
- demonstrating proficiency in solving problems using mathematical concepts and quantitative reasoning

III. Values:

Students should value

the creative arts,

- responding aesthetically in a sufficiently sophisticated way to both contemporary and past works from several cultures, including American

Students should value

the other,

- demonstrating an appreciation of the Other sufficient to motivate an understanding of individuals and groups who differ in significant ways from the Self, such as differences generated by race, gender, class, and culture in both domestic and international contexts

Students should value

ethical behavior,

- acquiring knowledge and skills necessary for ethical judgment and its application to everyday life
- developing the habit of reflecting on their own values and fulfilling their ethical and civic responsibilities

The skills, knowledge and values that are the aims of general education are objects of life-long pursuits. The general education curriculum that follows is designed to facilitate that pursuit and encourage the dispositions of minds that will sustain it.

English Composition: 9 Credit Hours

Required: ENC 1101 G(W)	College Writing*	3
LIT 2000 G(W)	Introduction to Literature**	3
LIT 2932 G(W)	Themes & Types in Lit.	3

All three courses focus on textual analysis and written reasoned argument. ENC 1101 addresses a variety of non-literary texts in an introductory course in critical reading and writing. LIT 2000 provides a general introduction to literature and makes of literary texts in three genres — fiction, poetry, and drama — the subject of analysis, the occasion for argument. LIT 2932 provides a focused investigation of a particular theme or type of literature and advanced practice in analysis and argument. These courses often include readings with a multicultural or gender emphasis. Each course requires college-level writing and must be completed with a grade of “C” or higher.

* ENC 1101 is a prerequisite for LIT 2000 and LIT 2932.

** LIT 2000 is a prerequisite for LIT 2932.

Mathematics: 6 Credit Hours

Choose 2:	MGF 1106 G(M)	Finite Math	3
	MGF 1107 G(M)	Explorations in Math	3
	MGF 1113 G(M)	Mathematics for Teachers I	3
	MAC 1105 G(M)	College Algebra	3
	MAC 1147 G(M)	Precalculus	4
	MAC 1990 G(M)	Intensive College Algebra	3
	STA 2014 G(M)	Elementary Statistics for Health & Social Sciences	3
	*MAC 2233 G(M)	Calculus for Business	3
	*STA 2023G(M)	Elementary Statistics for Business	3
		*(Prereq. MAC 1105 or 1147)	
	**MAC 2311 G(M)	Calculus I	4
		***(Prereq. MAC 1147)	
	MAC 2312 G(M)	Calculus II	4

At least one course must have a mathematical prefix. G(M) Courses must be completed with a grade of “C” or higher.

Humanities: 9 Credit Hours

a. Choose 1:	EUH 1000 G(W)	Freshman Core I	3
	EUH 1001 G(W)	Freshman Core II	3
b. Choose 1:	PHI 2010 G(W)	Introduction to Philosophy	3
	PHI 2100 G(W)	Reasoning and Critical Thinking	3
	PHI 2630 G(W)	Contemporary Ethical Issues	3
<i>G(W) Courses in Part A and B will have evaluated college-level writing and must be completed with a grade of “C” or higher.</i>			
c. Choose 1:	ARH 2000	Art Appreciation	3
	MUH 2012	Enjoyment of Music	3
	MUH 2017	The History and Appreciation of Rock	3
	MUH 2018	The Evolution of Jazz	3
	ARH 2050	Art History Survey I	3
	ARH 2051	Art History Survey II	3
	*MUT 1111	Theory I	3

* Music department permission required.

Additional ARH/HUM/MUH courses may be taken to fulfill the non-applied fine art requirement.

Social Sciences: 6 Credit Hours

Part A: Introductory Social Science. Choose 1:			
	AMH 2020	U.S. History since 1877	3
	CCJ 2002	Crime in America	3
	ECO 2013	Principles of Macroeconomics	3
	POS 2041	Intro. to American Government	3
	PSY 2012	Introduction to Psychology	3
	SYG 2000	Introduction to Sociology	3

Part B: CD - Cultural Diversity. Subject different from Part A. Choose 1:

	* ANT 2000	CD-Introduction to Anthropology	3
	* GEO 2420	CD-Cultural Geography	3
	ANT 2303	CD-Kinship and Family	3

ASN 2003	CD-Introduction to Asia	3
MMC 2701	CD-Communicating Across Cultures	3
PUP 2312	CD-Race/Gender/Politics	3
REL 2300	CD-Comparative Religion	3
SYG 2013	CD-Sex, Race and Social Class	3

* Can satisfy either Part A or Part B but NOT BOTH.

A complete list of CD courses are listed with the online schedule each semester.

Natural Sciences: 6 Credit Hours

Some majors require specific courses. Consult your advisor. Select two Sciences for a total of six credit hours. At least one must be a lab science (courses including a lab are designated with a "C" in the course number).

Introductory Lab Sciences:

AST 2002	Astronomy	3
AST 2002L	Astronomy Lab	1
BSC 1005C	Principles of Biology	4
BSC 1010C	General Biology	4
BSC 1930	Current Applications in Biology	2
CHM 1025C	Introduction to Chemistry	3
CHM 2045C	General Chemistry I	4
ESC 2000C	Earth Science	3
* HUN 1001	Introduction to Nutrition Science	2
ISC 2074	Colonizing Space	2
PHY 1020C	Introduction to Physics	3
PHY 2053	Algebra Physics I	3
PHY 2053L	Algebra Physics I Lab	1
PHY 2048	Calculus Physics I	4
PHY 2048L	Calculus Physics I Lab	1

* Prerequisite BSC 1005C

Total 36 Credit Hours

Lower-level students will have at least 24 semester hours available as electives within the first 60 hours. These electives should enable the interested student either to broaden his/her horizons or take the initial steps toward the major field of specialization.

This curriculum was planned to complement the special requirements of the University's existing majors and to provide a solid foundation for pre-professional programs. Successful completion of the 36 semester hours of the general education requirements, especially English Composition and Mathematics courses should enable the student to do well on the College-Level Academic Skills Test (CLAST). All the tested skills will be covered in the designated curriculum.

College-Level Academic Skills Test (CLAST)

Students must pass or be exempt from the College-Level Academic Skills Test (CLAST) for admission to upper-level degree programs. All teacher education majors must in addition satisfy a general knowledge test requirement before admission to the College of Education and Human Services. Refer to the College-Level Academic Skills Test section on the next page.

General Education Program for Transfer Students

Transfer students must complete a general education program at a Florida public community college or university or they must complete the UNF transfer general education program:

• Associate in Arts Degree Transfer Students

An associate in arts (A.A.) degree from a Florida public community college or university satisfies the **general education** program requirements at UNF including **College-Level Communications and Computation Skills (Florida Gordon Rule)**.

The State of Florida Foreign Language Requirement

must be met before graduation from UNF. Refer to Appendix F and the foreign language requirement in the Admissions section.

• Transfer Students with 60 or More Transferable Semester Hours

Transcripts of applicants who have not earned an A.A. degree from a Florida public community college or university will be reviewed individually to determine whether sufficient work has been completed in the following **general education** areas:

English Composition:	9 Hours
Mathematics:	6 Hours
Humanities:	9 Hours
Social Sciences:	6 Hours
Natural Sciences:	6 Hours
Total	36 Hours

Refer to Appendix B for UNF courses which will satisfy these **general education** categories.

The State of Florida Foreign Language Requirement:

must be met before graduation from UNF. Refer to Appendix F and the foreign language requirement in the Admissions section.

The College-Level Communications and Computation Skills (Florida Gordon Rule):

requirement must be met before graduation from UNF. Refer to Appendix C.

College-Level Academic Skills Test (CLAST):

Students must pass or be exempt from the College-Level Academic Skills Test (CLAST) for admission to upper-level degree programs. All teacher education majors must in addition satisfy a general knowledge test requirement before admission to the College of Education and Human Services. Refer to the College-Level Academic Skills Test section on this page.

• **Transfer Students with Fewer Than 60 Transferable Semester Hours**

These students must satisfy the same **general education** requirements as a first-time-in-college student. Refer to Appendix B for UNF courses which will satisfy these general education categories.

The State of Florida Foreign Language

Requirement: must be met before graduation from UNF. Refer to Appendix F and the Foreign Language requirement in the Admissions section.

The College-Level Communications and Computation Skills (Florida Gordon Rule):

requirement must be met before graduation from UNF. Refer to Appendix C.

College-Level Academic Skills Test (CLAST):

Students must pass or be exempt from the College-Level Academic Skills Test (CLAST) for admission to upper-level degree programs. All teacher education majors must in addition satisfy a general knowledge test requirement before admission to the College of Education and Human Services. Refer to the College-Level Academic Skills Test section on this page.

College-Level Academic Skills Test: *(See CLAST Exemptions): The College-Level Academic Skills Test (CLAST) is an achievement test measuring communication and computation skills. CLAST has four parts, or subtests: Essay, Reading, English Language Skills, and Mathematics.

The CLAST requirement is prescribed by Florida Statutes and State Board of Education Rules (Rule 6A-10.0316). Since August 1, 1984, Florida's public institutions have required passing scores on all four CLAST subtests for the award of an associate in arts or baccalaureate degree, and for admission of all degree-seeking students to upper-level status in Florida's state universities. Students who have satisfied CLAST standards on three subtests are required to pass the fourth subtest by the time they register for 90 semester hours.

Students may take the CLAST only after completing 18 hours of credit applicable to a degree. Currently-enrolled, degree seeking students should plan to meet CLAST requirements as soon as possible in their degree program unless they are exempt. After 60 credit hours, including those being taken in the current semester, a registration hold will disallow further upper-level course registration unless three parts of the CLAST requirement have been satisfied. After registering for 90 credit hours, the hold will disallow further upper-level course registration until the CLAST requirement is completely satisfied. Students with CLAST-related registration holds may complete a CLAST plan or petition in the Office of

Academic Testing for a one-semester release of the hold. Students who transfer from an institution where CLAST is not required have one semester to satisfy the CLAST requirement.

Prior to admission to upper division, teacher education majors must satisfy the CLAST requirement, including by exemption, and in addition demonstrate mastery of general knowledge in reading, writing and computing by passing the FTCE General Knowledge Test, CLAST, or Praxis I. Having passing scores on all four parts of CLAST satisfies both the CLAST requirement and the general knowledge requirement. But students who are CLAST-exempt may satisfy the latter with passing scores on a combination of tests.

Students who received an A.A. degree prior to September 1, 1982, and who earned upper-level credit before August 1, 1984, are exempt from the CLAST. However, students in this category who were not admitted to an upper-level instructional program prior to August 1, 1984, are required to pass the CLAST as a condition of admission to upper-level status and receipt of a baccalaureate degree.

Students seeking a second baccalaureate degree are exempt from the CLAST requirement except that if the second degree is in teacher education students must pass all four parts of CLAST or corresponding components of the General Knowledge Test or PRAXIS I. Contact the College of Education and Human Services for alternative methods of satisfying this requirement.

CLAST scores become a part of the individual's permanent record and will be included on official transcripts. Students may register for CLAST when they register for courses. In 2008-2009, CLAST (paper and pencil test) will be administered on October 4, 2008, February 21, 2009, and June 6, 2009 for first-time test takers as well as those needing to retake the Essay subtest only. A computer-based CLAST is available to students taking English Language Skills, Mathematics, and/or Reading subtests by making appointments in Founders Hall, Room 2056. Students are eligible to retake subtest(s) every 31 days. The Essay subtest can only be taken on the regularly scheduled CLAST administration dates in October, February, and June. For registration and appointment information, please see the University website and the Web Guide.

Rule 6A-10.0311 (5), FAC, provides for the adaptation of test materials and conditions so that a person with a record of a physiological disorder which substantially impairs visual, auditory, manual or speaking abilities, or who has a record of a learning disability, is afforded an opportunity to demonstrate achievement of the CLAST skills being measured. If special testing accommodations are required, students must register in the Disability Resource Center and the Office of Academic Testing

must be notified by the deadline for CLAST registration. To assist students in passing the CLAST, the Academic Center for Excellence (ACE) provides CLAST preparation workshops and individual tutoring. Students failing any part of the CLAST must retake that section or satisfy exemption criteria. Any failed part of CLAST may be retaken no sooner than once every 31 days. Students who fail any part of the CLAST are encouraged to seek assistance from the Office of Academic Testing and the Academic Center for Excellence. Under extraordinary circumstances, CLAST waivers may be considered.

CLAST Fees: Students registering for the CLAST for the first time using the paper and pencil version will not be charged a fee. All others will pay a \$25 fee each registration period until the CLAST is passed. This fee is non-refundable and nontransferable. Students may retake the computer-based CLAST subtests every 31 days by paying the \$25 fee each time and rescheduling the required test(s).

CLAST Exemptions: All students regardless of major may exempt one or more parts of the CLAST if they satisfy the requirements stated below. However, exempting the CLAST does not exempt the general knowledge requirement for teacher education majors.

In the spring of 1995, the Florida State Legislature modified Section 9 of Chapter 1008.29, of Florida Statutes, to provide alternatives for fulfilling the passage of the College-Level Academic Skills Test (CLAST). Effective November 25, 1997, State Board of Education Rule 6A-10.0311 Assessment of Student Attainment of College-Level Communication and Computation Skills was amended to read:

(14) Pursuant to Section 240.107(9)(a), Florida Statutes, any student fulfilling one or more of the following requirements before completion of the associate in arts degree requirements or baccalaureate degree requirements is exempt from the testing requirements of this rule:

(a) Students may present scores from the Scholastic Achievement Test (SAT-I) as follows:

1. Quantitative. Students who have earned a Quantitative score of 500 or above on the recentered score scale of the Scholastic Achievement Test (SAT-I), or its equivalent on the original score scale, shall be exempt from the Computation section of the College-Level Academic Skills Test.
2. Verbal. Students who have earned a Verbal score of 500 or above on the recentered score scale of the Scholastic Achievement Test (SAT-I), or its equivalent on the original score scale, shall be exempt from the Reading, English Language Skills, and Essay sections of the College-Level Academic Skills Test.

(b) Students may present scores from the American College Testing Program (ACT) as follows:

1. Mathematics. Students who have earned a score of 21 or above on the Enhanced American College Testing Program in mathematics, or its equivalent on the original ACT, shall be exempt from the Computation section of the College-Level Academic Skills Test.
2. English. Students who have earned a score of 22 or above on the Enhanced American College Testing Program in Reading, or its equivalent on the original ACT, shall be exempt from the Reading section of the College-Level Academic Skills Test. Students who have earned a score of 21 or above on the American College Testing Program in English, or its equivalent on the original ACT, shall be exempt from the English Language Skills and Essay sections of the College-Level Academic Skills Test.

(c) Students who have earned a grade point average of 2.5 or above on a 4.0 grade scale in selected postsecondary level courses shall be exempted from one or more sections of the College-Level Academic Skills Test, as specified below. Each postsecondary institution shall establish its own policies for the evaluation of students' coursework when that student earned credits from an institution other than a Florida public community college or university. Students can pick up an exemption worksheet in Founders Hall, Building 2, Room 2056.

1. To exempt the English Language Skills, Reading, and Essay sections of the College-Level Academic Skills Test, the student must have earned a 2.5 grade point average in two courses for a minimum of six semester hours of credit from: ENC 1101, College Writing, ENC 1102, The Informed Writer, LIT 2110 Introduction to Literature, LIT 2932 Themes and Types in Literature, ENC 3250 Professional Communications, and ENC 3310 Writing Prose, or other equivalent college-level English course.
2. To exempt the Computation section of the College-Level Academic Skills Test, the student must have earned a 2.5 grade point average in two courses for a minimum of six semester hours of credit from: MAC 1105 College Algebra or any other MAC course with the last three digits being higher than 102; MGF 1106 Finite Mathematics, 1107 Explorations in Math, or any other MGF course with the last three digits being higher than 202; or

STA 2014 Statistical Methods or any other STA course.
(15) Students who do not initially earn passing scores on the Scholastic Achievement Test (SAT-I) or the American College Testing Program may submit scores earned on other administrations of the tests as long as subsequent scores are not earned within 30 days of the preceding score.

(16) Pursuant to Section 240.107(9), Florida Statutes, any student denied a degree based on the failure of at least one subtest of the CLAST may use any of the alternatives specified in this rule for receipt of a degree if such student meets all degree program requirements at the time of application for the degree under the exemption provisions of this rule. This provision does not require a student to take the CLAST before being given the opportunity to use any of the alternatives specified in this rule. The exemptions provided herein do not apply to requirements for teacher certification as provided in s. 231.17, F.S.

(17) For purposes of evaluating student grade point averages to implement the provisions of paragraph (14) of this rule, each postsecondary institution may determine how to make allowances for students who have earned credits in Advanced Placement, College-Level Examination, and International Baccalaureate Programs.

Waiver of CLAST Subtests for Students with

Disabilities: Students with disabilities may request reasonable accommodations while taking the CLAST. Those who are unable to pass a subtest of the CLAST due to a specific learning disability may request that a subtest of the CLAST be waived. The CLAST Waiver Committee reviews all requests for waivers on a case by case basis. To apply for a CLAST waiver due to a disability:

1. The student must be registered with the Disability Resource Center and have on file documentation of the specific learning disability.
2. The student must have attempted the CLAST at least once with reasonable accommodations, if appropriate.
3. The student must have completed Gordon Rule course requirements in the same subject area or been approved for course substitution.
4. The CLAST waiver form may be obtained in the Office of Academic Testing, Building 2, Room 2056.

Other Waivers of CLAST Subtests: Any student who has taken any subtest at least four times and not passed may apply for a waiver of that subtest provided:

1. The student has completed Gordon Rule course requirements in the same subject area.
2. The student has met the general education requirements defined in Rule 6A-10.030, F.A.C.
3. The student has demonstrated sufficient effort to pass the subtest and has satisfactorily completed remediation studies related to the failed subtest.
4. The CLAST waiver form may be obtained in the Office of Academic Testing, Founders Hall, Building 2, Room 2056.

Credits

Credits are expressed in semester hours. Courses taken at UNF are considered residence credit.

Course Designations

The catalog number for all courses is the number developed by the Statewide Course Numbering System. These designations have been developed by faculty task forces to aid the transfer process for students with equated courses from public institutions within Florida.

Courses are identified with an alphabetic and numeric coding system. The alphabetic abbreviation identifies the course content, and the numbers have the following meaning:

- 1000 & 2000 series—freshman- or sophomore-level courses.
- 3000 & 4000 series—junior- or senior-level courses.
- 5000 series—beginning graduate-level courses.
- 6000 series—graduate-level courses.
- 7000 series—doctoral-level courses

For a more detailed explanation of the Statewide Course Numbering System refer to Appendix G of this catalog.

Academic Load

A normal load for a full-time student is 15 hours per term. A minimum full-time load is 12 hours per term. No student may exceed a load of 20 hours without permission of the appropriate academic dean or department chair and the completion of a Petition to Waive University Policy. Petition forms are available at One Stop Student Services. Approved petition forms should be returned to One Stop Student Services when the student registers.

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 hours per semester (fall and spring) and six hours per summer A and B term(s) and nine hours per summer C term.** Enrollment Verifications can be requested once the drop/add period has ended.

A full-time graduate course load is nine or more hours per semester (fall and spring) and six or more during the summer once the drop/add period has ended. *Federal Financial Aid regulations specify a minimum of 12 hours for full-time status during the summer semester.* Students should plan their academic loads with recognition of the constraints on their time and other resources.

Certain assistance programs such as financial aid, veterans administration programs, and certain scholarship programs, require minimum loads for eligibility. For information on requirements for financial aid and veterans administration programs, refer to the Financial Information section of the catalog.

Student Classification: Students are classified as follows:

	Earned Credits
Freshman:	0 – 29
Sophomore:	30 – 59
Junior:	60 – 89
Senior:	90 – 120 (<i>including at least 30 upper level hours</i>)

Dual Enrollment: refers to high school students who seek college credit that can be used dually to complete high school graduation requirements and may be applied toward an associate or bachelor's degree.

Concurrent Enrollment: refers to currently registered UNF degree-seeking students who wish to earn credit at another regionally accredited postsecondary institution for transfer into a UNF degree program.

All students (upper and lower division) must complete the concurrent enrollment form, obtain written approval from an academic advisor, and obtain certification from One Stop Student Services **prior** to concurrent enrollment elsewhere.

Once a student is admitted to and enrolled at UNF, transfer credit earned as a concurrent student will not be awarded unless a concurrent enrollment form listing the approved course(s) is on file in the appropriate academic advising office.

Upon completion of the course, the student must have an official transcript sent to UNF.

Limited Concurrent Enrollment Hours For Lower Division Students: Concurrent Enrollment for lower-division students (those who matriculate with less than 60 hours) is limited to seven semester hours at another regionally 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 11 State University System of Florida institutions during one or more summer semesters. A student may be approved for seven hours of concurrent enrollment at another regionally accredited institution OR they may be approved for up to nine hours at an SUS institution to fulfill the summer residency requirement, but they may not be approved for both. Exceptions to this policy may be approved for students participating in Study Abroad opportunities and for students facing other extenuating circumstances.

Transient Enrollment: refers to degree-seeking students in good standing at another approved postsecondary institution who wish to take courses at

UNF for transfer credit back to their home institution. However, due to unprecedented demand for enrollment, we are unable to accept applications from transient students at this time. We understand that this is a shift from our past admissions practices; however, this change is necessary in order for the University to maintain the high academic standards and personalized service that we promise each student.

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 upon approval of the department chair of the student's major and the chair of the department offering the course. If applied toward a master's degree, the credits are subject to the same rules as transfer work. **Grades earned in graduate-level courses prior to achieving graduate standing are not computed in the graduate grade point average. Graduate-level courses cannot be applied toward both the baccalaureate and graduate degree.** Fifteen hours is considered the maximum course load for an undergraduate student taking a graduate course.

Adding, Dropping and Withdrawing

Students may add and/or drop courses from the first day of registration through the final day of the drop/add period (usually the first week of classes; see the University Calendar online). Courses dropped during this period will not appear on the student's transcript. Students may withdraw from courses or the University after the drop/add period and before the last day to withdraw; however, these courses will appear on the student's transcript.

Dropping and Adding Courses: Students should exercise care in registration to avoid the necessity of schedule changes after classes have begun. During a registration period through the last day of drop/add, classes may be added or dropped from a student's schedule. Adds and drops may be completed via the UNF website or in person at One Stop Student Services. Courses officially dropped during the drop/add period will not be entered on a student's permanent record, and a 100 percent refund will be generated for dropped courses. UNF students are not permitted to add a course after the drop/add period 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 (available from One Stop Student Services). After the first three weeks of classes, students must complete a Petition to Waive University policy, supported by proper documentation to be considered for late-adding a course. A final grade of "F" is assigned if a student discontinues attendance without officially dropping or withdrawing from a course. Non-attendance does not guarantee a student will be

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dropped from class. Students are fee liable for all courses they register for unless dropped. Students must drop themselves from all courses they do not want to take.

Late adds (adding a class after the drop/add deadline) may only be done within two weeks of the drop/add deadline. Petitioning to extend the drop deadline is not permitted under normal circumstances. Extraordinary situations must be documented.

Withdrawals: A student may withdraw from a course or the University from the end of the drop/add period through the “Last day to withdraw” (see the University Calendar online). The student must complete an official withdrawal request by this deadline and submit it to One Stop Student Services, send a letter postmarked no later than the deadline, or withdraw online through myWings. A grade of “W” will be assigned upon completion of the withdrawal request process, and no refund is generated. If a student stops attending classes without officially withdrawing, a final grade of “F” is assigned.

Petitioning to extend the withdrawal deadline is not permitted under normal circumstances. Extraordinary situations must be documented.

Late Withdrawals: A student may petition for late withdrawal if there are **unusual circumstances clearly beyond the student’s control**. A student may petition for withdrawal from a course up until the end of the term, prior to the posting of grades. The dean or designee of the student’s major college has final approval/disapproval authority. The course instructor does not approve or disapprove the withdrawal, but only assigns a grade of “WP” or “WF.” The instructor may recommend an action or write an explanation of the applicable circumstances. This policy does not mean a student has the right to withdraw from a course after the official withdrawal deadline simply because he/she had a passing grade at the time.

Petitions: Completing a petition **does not guarantee** that a particular policy will be waived as 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 in order for the petition to be considered. Please visit the website to view items that cannot be petitioned, (www.unf.edu/registrar) “Petitioning University Academic Policies.”

Grading System

Grades

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 WF 0.0 (calculated in GPA)

NR, X, I, NR, P, W, WP, WM, WS 0.0 (not calculated in GPA)

X - Audit: Audit: Students must indicate **at the time of registration** 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 drop/add.** Fees for audit classes are the same as those for credit and are nonrefundable. 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 towards financial aid.**

I - Incomplete: At the instructor’s discretion, students who have not completed required work in a course by the end of the term may be assigned a grade of “I.” In order 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. To extend an incomplete beyond one year, the student must petition for a waiver of University policy.

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 cumulative GPA. If no final grade is issued, the “I” will change to an “F” and will be calculated in the grade point average.

Veterans and other eligible persons should contact One Stop Student Services concerning the effect of incomplete or failing grades upon certification.

NR - No Record: “NR” is assigned when grades for an entire class or portion thereof are not submitted by the processing deadline. Enrollment Services Processing 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 should not remain in the student’s transcript beyond graduation.

P - Passing: Indicates 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 grade point average.

W - Withdrawn: Indicates a student has withdrawn officially from a course before the established deadline.

WP: Indicates a student has successfully petitioned to withdraw from a course after the official deadline and was making satisfactory progress at the time.

WF: Indicates a student has successfully petitioned to withdraw from a course after the official deadline and was not making satisfactory progress at the time.

WM: Indicates a student has successfully petitioned to withdraw from all courses due to an incapacitating illness.

WS: Indicates a student has successfully withdrawn from all courses due to being called for military duty during the term.

D Grades: Courses completed with grades of “D” may be applied toward upper-level graduation requirements, i.e., 60 semester hours. However, a course completed with a “D” grade normally will not be applicable toward major requirements. See college sections for further information.

Disciplinary Transcript Notations: Expulsion and Suspension from the University for student disciplinary reasons are sanctions outlined in the Student Conduct Code, which is published in the Student Handbook www.unf.edu/studentaffairs/conduct.html. Expulsions will be noted permanently on a student’s transcript. Transcripts will record disciplinary suspension. Questions should be referred to the Student Conduct Office: (904) 620-3979.

Academic Average (Grade Point Average): The sum of grade points earned is divided by the number of UNF hours attempted (except those hours with grades of “X, I, P, NR, W” and “WP;” and UNF hours repeated for which the grade forgiveness policy was subsequently invoked). The resulting quotient is the grade point average (GPA). Example:

Course	Grade	Grade Points	x	No. of Credits	=	Total Pts.
ENC 1101	A-	3.7		3		11.1
CHM 2046C	C	2.0		4		8.0
MAC 1102	B+	3.3		3		9.9
MAR 3023	F	0.0		3		0.0
				13		29.0

29 grade points divided by 13 credits attempted equals 2.23 GPA

Academic Progress: An undergraduate student who fails to earn a cumulative **or** term average of 2.0 (Education majors see College of Education and Human Services section) after attempting a cumulative total of 12 or more credit hours will be placed on academic probation and referred to an academic advisor. 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. If suspended, the student will be dropped from any courses for which he/she is currently registered and denied the opportunity to re-enroll. The duration of suspension varies by college. E-mail notification is sent by Enrollment Services Processing to students who are placed on suspension. Written notification may additionally be sent to students from their respective College or the Academic Center for Excellence (ACE). Transcripts will reflect any suspensions.

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 and the department chair or committee. The dean may deny a student’s continued registration in the department. A student who is 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 academic officers of both programs. Readmission procedures vary by college.

Degree-seeking UNF students who receive credit for upper-level course work at another institution while suspended from UNF may transfer these credits back to UNF only with the permission of the appropriate academic officers.

Good Academic Standing: Undergraduate students who possess both a cumulative and current term UNF grade point average of 2.0 or above (College of Education and Human Services students need a grade point average of 2.5 or above) are considered to be in “good academic standing.”

Grade Reporting: At the close of each term, students may access their grades using the myWings portal at www.unf.edu. Transcripts will be sent by One Stop Student Services only upon written request of the student and payment of the transcript fee.

Dean’s List: Candidates for a bachelor’s degree who have completed 15 hours at UNF and have a semester GPA of 3.5 or higher for at least nine hours are eligible for the dean’s list. Notification is sent by individual colleges.

Forgiveness Policies: A student may irrevocably select one of the two forgiveness policies, either grade forgiveness or term forgiveness. However, the originally recorded grades will be used in any Latin Honors

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Distinction calculations. None of the courses will count toward graduation.

1. Grade Forgiveness Policy and Repeated Courses

Under the Grade Forgiveness Policy of the Faculty Association, undergraduate students seeking their first baccalaureate degree may improve their GPA by repeating a course and requesting that the repeated grade be the one counted in the GPA calculation. Only two such requests are available to any student during their undergraduate career. The repeated course must be the same course as taken previously and must be completed at UNF. To invoke the forgiveness policy, the student must submit the requisite form to One Stop Student Services after completion of the repeated course. Once grade forgiveness for a specific course has been granted, it may not be revoked nor transferred to another course. Grade forgiveness requests will not be processed after a student graduates.

A student may repeat courses without using the forgiveness policy. Both the original and repeated grades will be used by UNF in the computation of the GPA, but credit for only the last attempt will apply toward graduation. This policy is not eligible for petition.

This policy affects UNF's GPA calculations only. The policy does not alter the permanent record (all attempts for a given course and all grades remain on the transcript) and does not affect the GPA calculations of outside agencies or other institutions who may use all grades, including repeated courses, in their calculations of GPA.

The Veterans Administration will not pay for repeated courses if the previous grade met academic standards. Students should direct questions to One Stop Student Services. However, the originally recorded grades will be used in any Latin Honors Distinction calculations. None of the courses will count toward graduation.

2. Term Forgiveness

An undergraduate degree-seeking student may request term forgiveness, which involves a student's petition to retroactively withdraw from one academic term of work because of personal or financial problems. The following guidelines apply to a petition for Term Forgiveness:

1. Students must complete a "Term Forgiveness" form including appropriate signatures (advisor and dean). Forms are available at One Stop Student Services.
2. If approved, the transcript will note "Term Forgiveness" for the appropriate term. **The original grades will remain on the transcript.** For the purpose of graduation, the grades for all courses taken that term will be treated as though the student had received a "W" in every course. However, the originally recorded grades will be used in any "Latin Honors Distinction" calculations. None of the courses will count toward graduation.

3. Petitions will never be approved for the present term or the immediately preceding term. Students must successfully complete one full semester after the requested term.
4. Students who have been away from UNF must be admitted and wait one full term before seeking term forgiveness.
5. Petitions must be approved prior to graduation.
6. No more than one petition for term forgiveness may be granted for any student at UNF.
7. The petition can only be approved by the college that the student was enrolled in during the semester for which forgiveness is requested.
8. A student may exercise only one forgiveness policy. Specifically, a student granted term forgiveness may not exercise grade forgiveness. Once term forgiveness has been granted it may not be revoked or transferred to another term.

Graduation - Associate in Arts Degree Requirements

Students who wish to receive the Associate in Arts degree must:

1. Apply for graduation within two semesters of completing requirements for the degree by the deadline date listed in the University Calendar.
2. Fulfill the college-level communication and computation skills requirements of SBER 6A-10.030.
3. Successfully complete CLAST or meet one of the CLAST alternatives as designated by State Board of Education rules.
4. Complete 60 semester hours with a 2.0 grade point average including the 36 semester-hour general education program requirement outlined under the freshman/sophomore general education program.
5. Complete a minimum of 30 hours in residence at UNF. These hours may come from general education requirements or electives.
6. Pay all financial obligations to the University.

Graduation - Baccalaureate Degree Requirements

Graduation from UNF is awarded upon satisfactory completion of the following minimum requirements:

1. **Apply for graduation by the deadline indicated in the University Calendar.**
2. **Faculty Recommendation:** Each candidate must be recommended for the degree by the appropriate college faculty.

3. Total Hours: 120 semester 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 semester hours 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 at least 25 percent of the required degree credit hours in residence at UNF. Students who transfer two years of lower-level work plus one or more year, i.e., at least 30 upper-level semester hours of courses classified as junior- or senior-level by the issuing institution, may be eligible for a bachelor's degree after completing at least 25 percent of the overall required credit hours at UNF.

7. CLAST: Successful completion of the College-Level Academic Skills Test or one of the CLAST alternatives as designated by State Board of Education rules is required by the Florida State Department of Education.

8. Correspondence or Extension Course Work: No more than 30 semester hours of the total 120 hours may be completed through correspondence or extension course work, and no more than 10 semester hours of such course work may be accepted as upper-level work.

9. Summer Enrollment: The Florida Board of Governors requires students who enter a state university in Florida before completing 60 semester hours or 90 quarter hours to earn a minimum of nine semester hours in one or more summer terms at one of the state universities in Florida before graduation. Any student who earns nine or more credits from one or more of the acceleration mechanisms provided for in SB 20-E § 1007.27 *Articulated acceleration mechanisms* is exempt from any requirement of a public postsecondary educational institution mandating enrollment during a summer term. Accelerated mechanisms shall include, but not be limited to, dual enrollment as provided for in § 1007.271, early admission, advanced placement, credit by examination, the International Baccalaureate of Education Program. Credit earned through the Florida Virtual School shall provide additional opportunities for early graduation and acceleration.

Students earning less than nine credits of acceleration mechanisms upon initial matriculation must complete the mandated nine hours of summer school.

Transfer students with an A.A. degree from a Florida public community college or with more than 60 transferable semester hours or 90 quarter hours are exempt from this requirement.

10. Academic Average:

- a) UNF — A minimum cumulative “C” (2.0) academic average must be earned (2.5 for most College of Education majors). The grade point average for the degree is computed on all UNF course work recorded.
- b) Transfer — An average of “C” (2.0) is also required for transfer credits applied to the degree.

Refer to the section on Academic Average (Grade Point Average) in this section for information about computing the GPA.

11. General Education Program: Depending on the student's classification (freshman, sophomore, transfer, etc.), the appropriate general education program requirements must be completed. All requirements stated in this section are minimums and are not meant to limit the planning of a degree program for any student.

12. Pay all financial obligations to the University.

Latin Honors Distinction: Provided at least 48 semester hours (30 semester hours for R.N.-B.S.N. students) of course work have been completed at UNF, undergraduate students who graduate with UNF grade point averages of 3.5 or higher will qualify for degrees designated *cum laude*; those who graduate with UNF grade point averages of 3.65 or higher will qualify for degrees designated *magna cum laude*; and those who graduate with UNF grade point averages of 3.8 or higher will qualify for degrees designated *summa cum laude*. **GPA calculations will be based on all credits earned at UNF.** A minimum of 30 hours are required for honors in a second baccalaureate degree.

Recognition of Latin Honors Distinction for Graduates: Candidates who have accumulated 48 hours and the appropriate GPA **prior to the term of graduation** will have honors on their name card and receive a gold cord at the commencement ceremony. Candidates who will have earned honors **after** the current term's grades are recorded will not have honors on their name card, nor be recognized at the commencement ceremony, but will have honors posted on their diploma (baccalaureate degree only).

Graduation Time Limits/Continuous

Enrollment Policy: Students must submit a formal graduation application to One Stop Student Services by the deadline date listed in the University Calendar published online.

Work required for a degree must be completed and certification of completion must be posted in the UNF student record system prior to the college approving the candidates for their degrees. For all course work completed at institutions other than UNF, official transcripts are the only acceptable certification of completion. In order for applicable transcripts to be posted prior to the UNF certification deadline in a given term, they must be received by One Stop Student Services on or before the last day of UNF final examinations for that term. Students who intend to complete course work at another institution to satisfy UNF degree requirements must obtain written approval and complete the courses prior to the term in which they intend to graduate to ensure sufficient time to process the transcript.

Every degree-seeking student at UNF must have a signed program of study. Normally, graduation requirements printed in the catalog at the time the student enters UNF and obtains a signed program of study are those which must be satisfied.

However, a student may graduate under the provisions of the UNF catalog which were in effect when the student began continuous enrollment at the university **up to a maximum time limit of six years**. This time limit policy also applies to continuously enrolled students transferring from Florida public postsecondary institutions.

The University of North Florida defines continuous enrollment as being enrolled in classes at UNF without a break of three or more consecutive semesters. Students who break continuous enrollment are subject to the program requirements published in the catalog for the academic year in which they reinstate continuous enrollment at UNF. Additionally, a student who for each of three consecutive semesters either does not enroll or withdraws from all courses will be required by their academic department to convert to current program requirements.

Second Baccalaureate Degree: Students desiring to obtain an additional baccalaureate degree must meet the requirements for the degree, earn a minimum of 30 upper-level semester hours, and have a program of study. Students earning a second baccalaureate degree may qualify for Latin Honors Distinction. Students holding a baccalaureate degree from an accredited U.S. institution are considered to have completed general education program requirements. Students who hold degrees from foreign institutions will have their transcripts evaluated by Enrollment Services for general education requirements. If the foreign transcript is not recorded in English, a translation that is a literal and complete rendition of the original document is required. All international academic records must be submitted to an approved credential evaluation agency and a course-by-course evaluation of those records

must be submitted as part of the admissions application packet. For additional information contact One Stop Student Services.

Double Majors: Any UNF student working toward a single baccalaureate degree who applies for and satisfies the requirements for **two majors within the same college or division will be awarded two diplomas**. Both majors will be indicated on the student's transcript. Students must indicate double majors on their application for graduation. Once the degree has been awarded, subsequent course work may not be added to create a second major within that degree.

Each college has its own policy regarding double majors. Some colleges do not permit a student to earn a double major. Students desiring to pursue a double major are strongly encouraged to meet with their academic advisor.

Students may be enrolled in more than two majors simultaneously, but only with the approval of all appropriate deans.

Multiple Minors: Undergraduate students (excluding those in the College of Education and Human Services) may pursue multiple minors. Policies for multiple minors may vary by college (refer to college section). Students must meet with their advisor to officially declare their minors and ensure that selected minors will be recorded on their program of study and University transcript. Students must adhere to minor requirements specified by the college offering the minor.

Dual Degrees: Students desiring to obtain two baccalaureate degrees (B.A., B.S., etc.) must meet the requirements for both degrees, earn a minimum of 150 semester hours, and complete a program of study for both degree programs. If the two degrees are not from the same college, the student must obtain approval from each college and complete the respective program of study in each college. The application for graduation must indicate both degrees.

Each college has its own policy regarding dual degrees. Some colleges do not permit a student to earn dual degrees. Students desiring to pursue dual degrees are strongly encouraged to meet with their academic advisor(s).

Graduation/Commencement Ceremony: Commencement ceremonies are held each semester (spring, summer and fall) at the end of the term. Candidates for graduation will be sent detailed instructions for participating in the ceremony. Tickets are required. For additional information, visit the UNF website for commencement information at www.unf.edu/acadaffairs/commencement/.

Academic Responsibilities of Members of the University Community

Members of the University community are expected to be familiar with requirements outlined in this catalog and all official dates specified in the official University Calendar, which is published on the UNF website each term.

In addition, both instructors and students are responsible for ensuring that all members of the community maintain high standards of integrity.

Student Attendance Policy: Students are required to attend the first class meeting of courses for which they registered. Registered students not attending the first day of the term may be dropped from the course at the discretion of the instructor (only some departments follow this policy as it is optional. Please drop your course if you will not be attending). Students having extenuating circumstances beyond their control and who are unable to attend the first class meeting must notify the instructor of the department prior to the first class meeting. Students who add courses or late-register during the add-drop period will not be dropped for nonattendance by the instructor during this period.

Students are expected to attend all of their scheduled University classes to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, who reserves the right to deal with individual cases of nonattendance.

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. Instructors must allow each student who is absent due to a university-sponsored activity the opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence. However, in special cases the instructor may establish specific attendance requirements in addition to those covered by this policy. These special attendance requirements must be published on the course syllabus and disseminated at the first class meeting.

Only students who are enrolled in classes are permitted to attend that class beyond the reinstatement period. Students who have been dropped from a class roster for failure to pay fees or for any other reason may continue attendance until the reinstatement deadline, as published in the University calendar.

Special guests may be permitted to attend specific class sessions with the permission of the instructor.

Nonattendance does not guarantee a course will be dropped. The student is fee liable for all

courses registered for unless a drop is initiated by the student.

Academic Integrity: UNF places high priority on and strives to uphold the highest standards of academic integrity while protecting the rights of students and faculty.

Should any instructor find evidence of cheating, plagiarism or other inappropriate assistance in work presented by a student, the instructor should inform the student of the action that will be taken. Any student who becomes aware of misconduct related to academic integrity should inform the instructor or other proper authority.

The consequences of a breach of academic integrity may result in an F, which is non-forgivable, regardless of withdrawal status.

Right of Appeal: Members of the University community are entitled to fair and equitable procedures. Any member who believes that actions of other members are not equitable has the right of appeal. A student who feels that a University policy imposes an undue hardship may submit a petition requesting waiver of the specific policy. Petition forms are available at One Stop Student Services, and students will be informed of the results of the appeal.

Student appeals relating to individual courses shall be limited to a period of 90 days from the date the award is given of any grade (except Incomplete) for the course in question. Guidelines for grade appeals are available at One Stop Student Services.

Transfer Students: who earn an associate in arts degree (A.A.) from a Florida public university or community college are guaranteed certain rights under the Statewide Articulation Agreement. A list of rights is provided below:

Transfer Student Bill of Rights: Florida public community college students are strongly encouraged to complete the associate in arts (A.A.) degree which is designated by the Statewide Articulation Agreement as the transfer degree. The Statewide Articulation Agreement guarantees A.A. degree graduates the following rights:

- Admission to one of the state universities, except to limited access programs which have additional admission requirements.
- Acceptance of at least 60 credit 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 community 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 (i.e., CLEP, AP, PEP, Dual Enrollment, Early Admission and International Baccalaureate).

- No additional General Education Core requirements.
- Advance knowledge of selection criteria for limited access programs.
- Equal opportunity with native university students to enter limited access programs.

A.A. students who feel they have not been accorded their rights should contact One Stop Student Services at (904) 620-5555.

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 Equal Opportunity Programs, Building 1/Room 2400, J.J. Daniel Hall, (904) 620-2507.

Release of Student Academic Information

Students, upon written request, may review their own academic record. This review is subject to guidelines outlined by University policy and the provisions of the Family Educational Rights and Privacy Act of 1974 as amended (FERPA). Copies of the University's policy regarding record access are available at One Stop Student Services.

- a) Education records or personally identifiable information contained in student records shall be released or open for inspection only to the student or parents 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, or other family member, the address of the student, a personal identifier such as the student's social security number or a student number, a list of personal characteristics which would make the student's identity easily traceable or other information which would make the student's identity traceable.

"Education records" are those records which are maintained by the University and employees/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 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 the student, or parents of the student when applicable, requesting access to or release of the records to 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. A copy of all requests for access and release shall be retained by the custodian of the records.

- b) "Student" is defined as an individual who is 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.
- c) The University may disclose identifiable information from student educational records without student consent as follows:
1. Officials and faculty of the University or other state of Florida school officials who have a legitimate educational interest in the information.
 2. Officials of other schools in which the student seeks to enroll.
 3. Federal, state, local, and independent agencies and representatives as authorized by federal and state law who have a legitimate educational interest in the information.
 4. Officials presenting a judicial order or lawfully issued subpoena.
 5. Appropriate parties in a health or safety emergency.
 6. 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.
 7. In accordance with the USA Patriot Act of 2001.

Additionally, because of the University's commitment to continue 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.

d) 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 explanation and interpretation

- a) Current and former students are entitled to a response from the University to reasonable requests for explanation and interpretation of their records and to 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 attempt to settle a dispute with the student regarding the content of the student's educational records through informal meetings with the student.
- b) 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 Student Affairs or One Stop Student Services, both located in Founders Hall.
- c) 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, it 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).

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 when there is a financial obligation to the University which has not been satisfied and 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:

- a) UNF transcripts: There is a \$5 charge per transcript. Transcripts from previous educational institutions or standardized test scores must be requested from that institution or testing agency. Coursework from other institutions does not appear on the UNF transcript.
- b) Copies of all other educational records: 15 cents per page for copying plus any administrative costs incurred for search, retrieval, and mailing.

Requests for copies of educational records should be submitted in writing to One Stop Student Services in Founders Hall. Other student record information regarding health, law enforcement, finances, pre-attendance, employment, housing, disciplinary, personal nonacademic 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, written authorization from the student and picture identification are required.

Transcripts

UNF will process only written requests for transcripts. Electronic mail, fax, or telephone call is not accepted. Students may complete a form available at One Stop Student Services or send a request by mail. Students must include a check or money order for the number of transcripts ordered. Transcripts are \$5 each. Students who receive a bachelor's or graduate degree will receive two free transcripts when they pick up their diplomas. Official transcripts will be provided in a sealed envelope directly to the student, agencies or institutions authorized by the student to obtain said transcript. The envelope is marked "Unofficial if opened prior to delivery."

Transcript requests will not be processed for students who have an outstanding financial obligation to the University.

The 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 (www.unf.edu/unfinfo/policies-regs/chapters/academic_affairs/2_0020P.html).

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.

Custodian of Records

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

Student Health/Medical: Office of Student Health Services

Student Services: Office of Student Affairs

Student Disciplinary: Office of Student Affairs

Educational Records: University Registrar

Nonacademic Counseling Records: Office of Student Affairs

Financial Aid Records: Enrollment Services Compliance

Student Placement Records: Office of Student Placement

Athletes: Athletic Office

Directory Information

In accordance with the Family Educational Rights and Privacy Act of 1974 (FERPA) as amended, commonly known as the Buckley Amendment, the University of North Florida defines public or "directory information" as the following:

"Name, 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, and weight/height of athletes."

Directory information, as defined by the University of North Florida, may be released at the University's discretion, without the student's written consent unless a request for nondisclosure has been received by One Stop Student Services by the end of the first scheduled week of classes as noted in the University Calendar. Nondisclosure shall remain in effect until the student removes the nondisclosure option from their account in myWings or gives written request to remove said nondisclosure to One Stop Student Services. Forms are available at One Stop Student Services and the UNF 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. If a nondisclosure request is completed, the University will require documentation from the individual or organization requesting such information that the student has given written permission prior to the University's releasing said information. Regardless of the effect on the student, the University assumes no liability for honoring a student's instructions that such information be withheld.

Computer and Internet Access

Beginning with the fall 2001 term, all students have been required to have access to a personal computer with Internet service and every currently enrolled student has been provided with an e-mail account at no cost to the student.

University units may elect to use e-mail to provide information and notices either in lieu of or in addition to existing methods of communication. **These University provided e-mail addresses will be the only officially recognized e-mail address for all currently enrolled students.**

Support Services

One Stop Student Services Center

Located on the first floor of Founder's Hall (Building 2), the One Stop Student Services Center (One Stop) assists current students with a wide range of policy and procedural issues related to financial aid, admissions, academic records, Veterans Affairs, and registration. The office provides a central point of communication and contact for all of Enrollment Services and coordinates many procedural functions that previously would have required students to travel from office to office. The One Stop also provides access to self-service computer kiosks and a pay-for-print multi-purpose machine for photocopying and printing documents. The overarching goal of the One Stop is to provide excellent service to students and streamline procedures while helping to maintain the integrity of the institution. Please note that the One Stop does not advise students regarding course selections or substitutions. Those functions rest with the academic advisors. One Stop Student Services may be contacted at (904) 620-5555 or online at www.unf.edu/contactonestop/

Academic Advisement

Mission:

The mission of the University of North Florida Academic Advising Program is to assist prospective, current, and returning students with the development of academic, personal, and professional goals. The members of the program are committed to providing individualized services to a diverse student population. Working cooperatively with the UNF community, advisors offer tools and resources to empower students in becoming lifelong learners.

Advising Philosophy:

Advisors at UNF strive to guide students towards their academic goals by providing information, references, and advice; however, they will not make choices for the student. Advising is an engaging process between the advisor and the advisee where ultimately the student is in full control of his/her educational experience. Academic advisors are the resource to help students succeed.

Objectives of Advising:

As a result of advising, advisees should be able to...

- Understand and adhere to the University's academic policies, procedures and deadlines
- Navigate myWings and the UNF website
- Interpret their degree evaluation
- Establish positive student-advisor relationships



- Acknowledge their own personal strengths and weaknesses
- Take responsibility for their actions and be engaged in their educational experience
- Be knowledgeable of their academic major requirements and career goals

Advisor responsibilities:

To support the core values of the UNF advising program, advisors will...

- Demonstrate professionalism and empathy towards their advisees
- Assist students in understanding the purposes and goals of higher education and its effects on their lives and personal goals
- Encourage individualistic goals and decision-making
- Initiate motivation and ambition for development and self-improvement
- Be knowledgeable of policies, procedures, student services and reference information

- Recommend social and academic extra-curricular organizations in addition to applicable campus resources
- Maintain confidentiality and uphold FERPA Regulations

Advisee responsibilities:

*Note: Newly admitted students to UNF or students newly into their academic 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, respond or take action as required
- Conduct yourself in a manner that is professional and respectful to others
- Expect to be responsible for your own actions and decisions

Freshman and Sophomore Students: The Academic Center for Excellence (ACE) provides professional academic advising for all students including transfer students who have less than 60 semester hours. ACE provides freshmen and sophomore students with specially trained academic advisors to assist students in identifying and working towards their academic goals. First-Time-In-College (FTIC) students are required to attend Freshman Orientation prior to enrolling in their first term at UNF. Special arrangements may be made for out-of-state or out-of-country students by contacting the Center at (904) 620-1012.

Junior and Senior Advising: After the completion of 60 semester hours, students are assigned to an academic advisor in the appropriate college. Each college provides specially trained academic advisors to assist upper level students in successfully developing and completing their academic goals. Advising Offices are located in the:

- Brooks College of Health (904) 620-2812
- Coggin College of Business (904) 620-2575
- College of Arts and Sciences (904) 620-2797
- College of Computing, Engineering and Construction
Computer and Information Sciences (904) 620-2985
Engineering (904) 620-2970
Building Construction Management (904) 620-2745
- College of Education and Human Services (904) 620-2530

Academic Center for Excellence

The Academic Center for Excellence (ACE) provides many services for the UNF student population. ACE delivers academic advising for all freshmen and sophomore students, sponsors an annual writing contest for graduate and undergraduate students as well as a variety of targeted retention programs.

The following retention programs are FREE for UNF students and include:

- Peer tutoring in a variety of disciplines with heavy emphasis on math, the natural sciences and writing.
- Faculty Early Warning System (EWS) which encourages faculty to identify and refer potential at-risk students in their courses for advisor intervention and follow-up.
- College Success Skills workshops with topics which include: Critical Thinking Skills, Essay Writing, Memory Tips, Note Taking Tips, Reading Strategies, Test Anxiety and Time Management. These workshops are geared towards developing positive learning habits, designing effective study techniques, exploring different learning strategies and reinforcing relevant knowledge.
- Academic Potential Program (APP) which is a probationary admission summer program for at-risk freshmen.
- CLAST review and preparatory workshops.
- Workshops for undecided students in conjunction with Career Development.
- Mid-term intervention for freshmen identified with unsatisfactory grades.

The Academic Center for Excellence works with faculty on a daily basis and encourages frequent faculty involvement and student referrals. ACE is committed to responding to student and faculty needs through the delivery of quality programs in a professional and caring atmosphere designed to assist and support students toward achieving their educational goals.

The Academic Center for Excellence is located in Founders Hall, Building 2/Room 2120. You can reach the center by calling (904) 620-1012 or through the web at www.unf.edu/es/ace.

Office of Academic Testing

The Office of Academic Testing administers Independent Study examinations and such tests as the Certified Health Education Specialist (CHES) examination, College-Level Academic Skills Test (CLAST), College-Level Examination Program (CLEP), Florida Teacher Certification Exam (FTCE), Graduate Record Exam (GRE), National Board for Professional Teaching Standards (NBPTS) examination, Praxis I, and Test of English as a Foreign Language (TOEFL). Information about many other tests is available.

The College-Level Examination Program (CLEP) is offered by appointment only to students who desire to take exams for college credit.

The College-Level Academic Skills Test (CLAST) is required of all undergraduate students who seek admission to upper level programs at UNF, unless they have received a CLAST exemption. In spring 1995, Florida's Legislature approved alternatives to CLAST which became effective January 1, 1996. (Refer to the Academic Policies and Regulations section of this catalog.) CLAST is offered, paper-based, once each February, June and October. A computerized CLAST lab is available for the English Language Skills, Reading, and Mathematics subtests (for a fee) by appointment only each term. For CLAST registration information and scheduling appointments to take the CLAST on the computer, students should visit the Office of Academic Testing, Founders Hall, Room 2056, (904) 620-2927.

The Florida Teacher Certification Examination (FTCE) is one requirement for teacher certification. Applications to register for the test are available from UNF's College of Education and Human Services and as well as the Office of Academic Testing.

Information about making registration appointments for GRE, PRAXIS I, and TOEFL can be found in the Office of Academic Testing, Founders Hall, Room 2056, (904) 620-1973.

Bookstore

The UNF Bookstore provides an on-campus source for academic supplies, textbooks, course materials, general books and magazines, Hallmark cards, plus UNF clothing and gift items. The bookstore is authorized to sell select Dell Computer laptop and desktop models, which are available to the UNF community at discounted prices. More than 8,000 computer software programs are available at educational prices with discounts of up to 85 percent offered to students, faculty and staff. The bookstore also provides check cashing, continuous book buy-back, special ordering of books and supplies, graduation paraphernalia and employment opportunities.

The bookstore's normal hours of operation are Monday through Thursday, 7:30 a.m. to 7:30 p.m., Friday 7:30 a.m. to 5:30 p.m., and Saturday 10 a.m. to 4 p.m. Hours are extended at the beginning and ending of each term to accommodate customers needs. For more information please call (904) 620-2665 or visit us online at www.unf.bkstr.com.

Chartwells Dining Services

The University community has a variety of food service locations to choose from across the campus.

Osprey Cafe

(south end of campus, near Residence Life buildings)
Enjoy a wide variety of popular all-you-care-to-eat menu items in a comfortable, lakeside environment. This facility offers home-style cooking, healthy selections, cooked-to-order specialties, salads, grilled items, desserts, beverages and the following food stations: Home style Cooking Station- carved turkey, ham, beef and fish, macaroni and cheese, vegetables, rice or potatoes etc.; Action Station - exhibition cooking with stir-fry, wraps, and pastas ; Sandwich Central - meats, cheeses, assorted breads and spreads; Vegetarian Station - innovative vegan and vegetarian dishes for the health conscious; The Grille – burgers, grilled chicken, fries, a variety of pizzas alternating with special hot sandwiches; Fresh Salad & Soup - a fresh salad bar and homemade soups; Bakery - the perfect end to a delicious meal with sweet treats, ice cream, pies, cakes and a daily hot dessert; Beverage Station - fruit juices, teas, coffee, different milks, carbonated drinks. Includes menu items from the Balanced Choices nutritional program.

Sbarro® Italian Eatery at Alumni Square

Sbarro® is famous for hand stretched New York style pizza with generous servings and reasonable prices. Delicious pastas, salads, weekly specials, desserts and drinks are the nexus of the Sbarro® concept. Serving fresh, traditional Italian cuisine, with speedy service.

OLO Sushi & Freshens Smoothies at Alumni Square

Freshens Smoothie sensations, sundaes, ice cream and frozen yogurts and OLO sushi made fresh daily.

Outtakes Quick Cuisine at Alumni Square

An upscale market and state-of-the-art convenience store offering gourmet sandwiches and salads, sweet and salty snacks, fresh, hot Dunkin' Donuts coffee varieties, juice, milk and more. Au Bon Pain legendary soups offered daily.

Starbucks® at the Atrium

Known the world over for expertly roasted coffee, hand-crafted espresso beverages, cool, indulgent Frappuccino® blended beverages, quality coffee related merchandise, fresh sandwiches and sweet treats. Located by the Library, Starbucks® is the most popular spot for students on the campus.

UNF Hall Bistro at UNF Hall

A quaint spot for a fresh cooked to order meal including burgers and variety of sandwiches. Starbucks We Proudly Brew coffee and Au Bon Pain soups are served daily.

Harvest Moon Café at The University Center

A mini-convenience store offering sandwiches, salads, soups, snacks, beverages and a daily buffet.

Coming in spring 2009 at the Student Union:

Food Court – with Quiznos, Salsaritas Fresh Mexican, Yan Can Cook Asian Cuisine, and Coyote Jack's Grille

Boathouse Grille – a brand new restaurant

Outtakes Quick Cuisine – featuring Starbucks We Proudly Brew Coffee

For more information on Standing Reservations (meal plans) and Osprey Dining Dollars, visit us online at www.dineoncampus.com/unf or Chartwells Business Office (behind Osprey Café) from 9 a.m. to 4 p.m. or call us at (904) 620-2543.

Information Technology Services

Information Technology Services (ITS), located in UNF Hall and the John E. Mathews, Jr., Computer Sciences Building, provides computer, networking, enterprise systems, IT security and telephone support to the academic and administrative communities of UNF.

The ITS Help Desk is located on the second floor of the Mathews Building. It provides a variety of services for students, faculty, and staff including assistance with their computing account, audio-visual equipment requests for classrooms, and help with hardware and software problems. These services are accessible in a variety of ways; walk-in (Building 15/Room 2106), e-mail (its-helpdesk@unf.edu), and phone (620-HELP).

A general-purpose computer lab is located on the second floor of the Mathews Building. ITS supports computer classrooms on the first floor of the Mathews Building and technology-equipped classrooms in various buildings across campus.

Every admitted student is provided with a UNF ID (computing account) at no cost to the student. This account is used to login to myWings, Blackboard, file storage, and e-mail. Students use the ITS Self Service page (www.unf.edu/app/ess) to find out their UNF ID, change their password, select a friendly e-mail alias, and turn on spam blocking.

The official method of notification at UNF is e-mail. The University may elect to use e-mail to provide information and notices either in lieu of or in addition to existing methods of communication. **The student UNF e-mail address will be the only officially recognized e-mail address for currently enrolled students.**

It is important for students to check their UNF e-mail accounts regularly for information from University departments. Instructions for accessing and using a UNF e-mail account are available at Information Technology Services' website: www.unf.edu/dept/its/email/student-email.html.

For detailed information on the facilities and services provided by Information Technology Services, consult the department's website: www.unf.edu/dept/its.

Thomas G. Carpenter Library

The UNF Library, named in honor of the University's first president, fulfills its primary mission to support the academic programs of the University by providing research materials for the university's faculty and students. The collection contains more than 800,000 resources in various formats, including books, periodicals, maps, federal and state documents, media, curriculum materials, microforms, and electronic materials. Staffed by 21 Library faculty and 26 support personnel, the Library provides services common to a University research library, including reference and information services, tours and bibliographic instruction, interlibrary loan, databases, electronic full-text journals and books, special collections and university archives. Faculty and students can access most services through the Library's webpage, www.unf.edu/library.

Through the Florida Center for Library Automation, the Library maintains an online catalog based on Aleph software from ExLibris, which searches holdings of the UNF Library, and more than 10 million MARC holdings records of the other 10 libraries in the Florida public university system. The Library's links to various computerized networks and cataloging utilities (OCLC/SOLINET, RLIN) provide access to more than 53 million bibliographic records and holdings of affiliated libraries and networks nationwide. The combined advantage of these networks offers rapid identification and access to materials in the UNF Library or through local, national, and international interlibrary loan channels. The online catalog may be searched both in-library and through remote access for retrieval of print and digitized materials.

The Library addition and renovation, completed in fall 2005, added group study rooms, graduate carrels, reading rooms, and wireless technology throughout the building. Additional services include listening and viewing facilities for non-print media, microformat reader/printers, photocopiers, and more than 300 computer workstations for student use.

Except for holidays and semester breaks, the Library is open seven days per week. The operating schedule for the Library and its individual units is posted at entrances and on the Library's webpage at www.unf.edu/library.

Office of Research and Sponsored Programs

From its inception, the University of North Florida faculty and staff have been active in the search for new knowledge and engaged in collaborative initiatives that respond to regional and national needs and priorities

in creative and positive ways. Faculty are encouraged to pursue basic and applied research activities and to involve students in research and training projects supported by public and private granting agencies. The University has clear policies and procedures that govern intellectual property developed as a result of faculty research activities that involve students (www.unf.edu/unfinfo/policies-regs/chapters/academic_affairs/2_0020P.html). Through these activities, the University of North Florida faculty enhance the University's instructional program while concomitantly applying their skills and expertise to address contemporary issues and problems.

The Office of Research and Sponsored Programs is the central coordinating unit for grants and contracts at the University of North Florida. This includes planning, organizing, and administering a university-wide program for research and other projects that are funded by external organizations and agencies. All proposals for which outside support is sought must be transmitted through the Office of Research and Sponsored Programs. The office has five areas of responsibility: (1) to serve as the University liaison with external funding agencies; (2) to provide an array of information and support services to the University community including the identification of funding opportunities and acquisition of application materials; (3) to facilitate and coordinate the preparation and submission of proposals on behalf of the University by providing advice and assistance to faculty and staff in developing proposals; (4) to negotiate terms and conditions of acceptance with funding agencies; and (5) to provide financial and programmatic administration for awarded contracts and grants. In addition, the office assists the assistant vice president for research in the development of intellectual property and the management of technology transfer. For additional information, call (904) 620-2455.

Veterans Affairs and Military Programs

Veterans Affairs and Military Programs advice is available to assist military personnel and dependents, and veterans eligible for any of the educational benefit programs administered by the Veterans Administration. Currently, there are five VA Educational Assistance programs: the Montgomery GI Bill, Vocational Rehabilitation, Veterans Education Assistance Program (VEAP), Dependents Educational Assistance, and Educational Assistance for the Selected Reserve. For additional information on these programs, refer to the Financial Information section of the catalog.

The office provides the following services:

- Evaluation of military training courses
- VA educational benefits counseling
- Certification of enrollment for educational benefits
- Determination of continued eligibility by academic progress and/or changes in course load
- Documentation and program of studies for degree completion programs
- Liaison with military and veteran students, and the Veterans Administration

Military Policy Agreement: As a part of the University's continuing commitment to provide educational opportunities for active-duty military personnel and their spouses, and retired military personnel, a formal policy facilitating the transfer of academic credit was adopted in October of 1987. This policy allows active duty military personnel stationed in Florida, their spouses and retired military personnel who hold associate in arts degrees from regionally accredited institutions to transfer as juniors to UNF. To determine eligibility, applicants must provide documentation of an acceptable associate in arts degree and verification of their status to the One Stop Student Services.

Prior to graduation, students must meet the provisions of 240-2333, Florida Statutes (1988) regarding the statewide foreign language requirement and the provisions of State Rule, 6A-10.030, College-Level Communication and Computation Skills, known as the Gordon Rule, and the CLAST requirement as prescribed by Florida Statutes and State Board of Education Rules (Rule 6A-10.316).

Service Members Opportunity Colleges: The University recognizes the need for greater flexibility in the evaluation of educational experiences of veterans, military personnel and their families, and is a member of the Servicemembers Opportunity Colleges (SOC).

For additional information, contact the One Stop Student Services located in Founders Hall, Building 2, first floor, and can be reached at (904) 620-5555.

Student Affairs and Student Services

Dr. Mauricio Gonzalez, Vice President,
Student & International Affairs
Founders Hall, Building 2/Room 2091
(904) 620-2600 (Voice/TDD)
www.unf.edu/student-affairs/
Contact Us: student-affairs@unf.edu

Campus Life

Learning that complements students' classroom experiences and can help prepare them for life after college is available through programs and activities coordinated by UNF's Division of Student Affairs. In addition to a generous array of student support services, such as medical, emotional and those for special populations, the Division delivers its own transformational learning opportunities such as study abroad, student leadership development programs, projects that develop civic responsibility, career identification and preparation, and hands-on involvement in campus governance.

Student safety and security on campus are maintained by Student Affairs' University Police Department, with special attention given by residence life officers assigned to the campus housing community, as well as safety rangers circulating remote parking areas to assist commuter students and facilities such as the Library which commonly are frequented by students beyond normal campus business hours. Last but not least, a number of Student Affairs units contribute to campus life by providing a full schedule of recreational-fitness and student-leisure activities and events. The Division's 30-plus departments and programs, detailed in this chapter, encourage personal development — moral, spiritual, physical and intellectual growth.

UNF students often point to the beautiful, natural look of the 1,350-acre campus as one of the many reasons they selected UNF and as a source of everyday enjoyment while they pursue their studies. The campus core features abundant greenery and a series of small lakes nestled between student housing and academic and administrative buildings. The campus is conveniently designed and is encircled by 850 acres of undeveloped grounds. Its natural spaciousness provides students with a sense of openness and tranquility as well as ample room for a wide variety of formal and informal recreational opportunities. Nearly 15 percent of the 16,500 member student body lives on campus. They consider their collegiate neighborhood to be one of the most beautiful anywhere and also enjoy the fact that the campus is only a short drive to the beach. St. Johns Town Center, an upscale shopping mall located just minutes from the campus, provides students with additional convenience and leisure activities.

Also guaranteeing a unique experience for students who choose UNF is the increasing diversity of its student body. It is non-traditional in terms of its significant ratio of part-time to full-time students, its wide range of ages and the percentage of students who hold full-time jobs while pursuing UNF degrees. Through interaction with other students, faculty and staff, students are exposed to a broad variety of international origins, ethnic backgrounds, personal interests, career choices and lifestyles. This diversity has resulted in a generous selection of campus clubs for students to join and recreational options and activities from which to choose.



While welcoming increasing diversity, UNF continues to pride itself on its ability to balance growth and change with continued emphasis on the individuality of students by faculty and staff. Diversity also is present in the curriculum, with traditional and prescribed programs of study offered alongside individualized academic programs and those in response to constantly changing economic and social needs such as UNF's Flagship Programs.

Student Rights and Regulations

Members of the University community — faculty, staff and students — are governed by campus regulations which include the Model Bill of Rights and Responsibilities developed by the Carnegie Commission on Higher Education. Other codes for campus behavior published in UNF's Student/Parent Handbook: the Student Conduct Code, Alcohol and Other Drugs Policy, Parental Notification Policy, Academic Integrity Code, Disruptive Behavior Policy, Intellectual Property Rights, Public Speaking Policy, Sexual Harassment Policy, Tobacco Policy, Animals on Campus Policy, and Anti-Hazing Policy. These and other University documents relating to campus civility, ethical decision-making and acceptable behavior all are basic statements expressing the spirit of expectations from members of the University community, both in and outside of UNF's classrooms.

Student rights also are protected by opportunities for appeal regarding a variety of concerns they might experience on campus, ranging from the Academic Appeals Procedure to parking or refund appeals, information about which is available in the Student/Parent Handbook, either in hard copy form or on-line at the Student Affairs website. Students may also seek guidance regarding any University issue from the Student Ombudsman, a service provided by the Student Affairs Division.

Resident students are governed by additional policies, most of which are outlined in "The Resident Handbook." Copies of these documents are available from the Housing Office, on the UNF website, or in the Office of the Vice President for Student and International Affairs, Founders Hall, Building 2/Room 2091.

Campus Events and Student Participation

Numerous events take place weekly on the UNF campus, some offered through Student Life and Student Government's Osprey Productions, as well as other campus departments. Most of these events are free for students with a valid I.D. OspreyCard. And, depending upon the activity, the general public also may be welcome. The types of events vary widely, from comedians to lectures to outdoor festivals, intercultural

and international themes and art shows, to the presentation of classical and jazz music and occasional theatrical productions. The student-run Osprey Productions may be reached at (904) 620-1760.

Some activities, however, lend themselves to more than just attendance by students. For example, students interested in performing in a musical organization will find a concert choir, a concert band, wind ensemble, string ensemble, jazz ensembles, jazz combos, and percussion ensemble and various woodwind and brass chamber ensembles, and a drum line. Faculty and student artists and groups present concerts almost weekly. For more information, contact the Music Department at (904) 620-2961.

The Office of the Vice President for Student and International Affairs invites students, parents, and families to attend the annual Family Weekend event. Family Weekend is designed to showcase campus life while providing a variety of academic, social, and athletic activities. For additional Family Weekend information, visit the Parents Association website www.unf.edu/student-affairs/parents-association.

In addition, concerts and dance productions featuring internationally known performers occur each year on campus, most as part of the UNF Fine Arts Series. The opening of the Fine Arts Center on campus in 2003 has added to the quality of the University's cultural climate by creating space for larger scale productions and off-campus rentals that bring non-UNF productions to the campus. For information on the Series call (904) 620-1895.

For students interested in the visual arts, UNF has the Osprey Design Club, Potters Guild and other student groups which allow students with similar interests to meet and advance their favorite form of artistic expression. For more information, contact Club Alliance, (904) 620-1470, or the Department of Visual Arts at (904) 620-2650. And the University Gallery, located on the first floor of Founders Hall, Building 2, presents a variety of exhibits throughout the year, including the Annual Juried Student Show, the Graduating Senior Show, the Visual Arts Faculty Show, as well as exhibitions, lectures and musical performances by artists of regional and national renown. For more information call (904) 620-2534.

Look for information or advertisements of events via the following: the Spinnaker (newspaper), Osprey Radio, Osprey TV, UNF Update (subscribe from UNF's website), Student Update, UNF's Web Calendar, bulletin board flyers and road signs. Students with disabilities who require special assistance to participate in an advertised program should contact the sponsoring group or the Disability Resource Center (904) 620-2769 voice/TDD to request accommodations.

Career Services

The need for career assistance begins early in students' college experiences and continues throughout their academic and professional lives. UNF's Career Services assists students in clarifying career goals, choosing meaningful academic majors, providing cooperative education and internship experiences, exploring graduate study programs, developing effective job search strategies, and identifying sources of job opportunities. Services and programs include:

Career Counseling: All students and alumni/ae seeking assistance with career planning, resumes, cooperative education, graduate school programs, or job-hunting issues may make an appointment to see a career counselor after registering with Career Services.

Assessments: Career Counselors use a variety of career instruments to facilitate the self-assessment and career exploration process. Students meet with a career counselor to determine the appropriate assessments and arrange for interpretation.

Career Library: Career Services has a small, non-circulating library collection containing career exploratory materials, directories, organizational literature, annual reports, professional journals, job newsletters, and cooperative education and internship information.

Career Computer Lab: Computerized career resources are available in the Career Library through a computer lab with four workstations. Access to FACTS.org, and other career programs on the Internet are available.

Cooperative Education: Cooperative education is a University-wide program in which employers partner with UNF to offer students an opportunity to blend actual work experience with classroom study and to develop a more complete picture of their chosen career. The University of North Florida Cooperative Education Program is designed to assist students to achieve their educational and career goals, in conjunction with meeting the future human resources needs of co-op employers. Students gain practical work experience relevant to their major field of study over a period of multiple semesters. Many co-op positions are paid.

The ultimate goals of students participating in the Cooperative Education Program are:

- Integration of academic classroom theory with structured and progressive practical work experience through multiple semesters of work and study.
- Provide educational experiences that orient and lead the students into productive professional roles at the employer organization.

- Development of positive work-related habits and characteristics in students.

To be eligible, students should be enrolled at UNF for at least one semester and must be at least a sophomore prior to applying to the Cooperative Education Program.

Cooperative Education courses are governed by separate VA regulations. Students receiving VA benefits must consult with the UNF Office of Veterans Affairs. Cooperative Education credit hours are not subject to the excess hours charge.

Cooperative Education Courses:

College of Arts and Sciences

IDS 3949- Experiential Studies in Liberal Arts v. 0-3

Prerequisite: Acceptance into the Cooperative Education Program. Students will participate in supervised work experiences related to their major field of study. Students may repeat this course for credit, up to a total of six credit hours.

Brooks College of Health

HSC 3949- Experiential Studies in Health Science v. 0-3

Prerequisite: Acceptance into the Cooperative Education Program. Students will participate in supervised work experiences related to their major field of study. Students may repeat this course for credit, up to a total of six credit hours.

NUR 3949- Experiential Studies in Nursing v. 0-3

Prerequisite: Acceptance into the Cooperative Education Program. Students will participate in supervised work experiences related to their major field of study. Students may repeat this course for credit, up to a total of six credit hours.

Coggin College of Business

GEB 3949- Experiential Studies in Business v. 0-3

Prerequisite: Acceptance into the Cooperative Education Program. Students will participate in supervised work experiences related to their major field of study. Students may repeat this course for credit, up to a total of six credit hours.

College of Computing, Engineering and Construction

CGN 4949 - Co-op Work Experience v. 0 - 1

Prerequisites: Acceptance in Cooperative Education Program and 6 hours of completed civil engineering courses. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three credit hours.

CIS 3949 - Experiential Studies in Computer Science v. 0-3

Prerequisite: Acceptance in Cooperative Education Program and at least six credits of core courses completed. Students will participate in supervised work experiences related to computer science. Students may repeat this course for credit, up to a total of six credit hours.

EEL 4949 - Co-op Work Experience v. 0 - 1

Prerequisite: Six hours of electrical engineering course work. Acceptance in cooperative education program. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three credit hours.

EML 4949 - Co-op Work Experience v. 0 - 1

Prerequisites: Six hours of mechanical engineering course work and acceptance in Cooperative Education Program. Students will participate in practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three credit hours.

College of Education and Human Services

EDG 3949- Experiential Studies in Education v. 0-3

Prerequisite: Acceptance into the Cooperative Education Program. Students will participate in supervised work experiences related to their major field of study. Students may repeat this course for credit, up to a total of six credit hours.

Job Vacancy Listings: Career Services has an affiliation with NaceLink/Symplicity, a premier web based system for posting jobs on college campuses. Full-time, part-time, and seasonal jobs and cooperative education and internships can be accessed by students through the Internet. Look for "Career Wings" on the Career Services' website for more information.

Internships: Students participate in short-term, career related work experiences lasting one or more semesters. Internships are available in a variety of organizations including businesses, non-profit agencies, government, advertising, public relations, and human service agencies. All available internships can be viewed on Career Wings.

Workshops/Orientation: Participatory workshops and orientation sessions on career planning, career exploration, resume and cover letter writing, graduate school application process, job hunting techniques, interviewing skills, and other career-related topics are offered throughout the academic year. Advance sign-up in Career Services is requested.

Job and Career Fairs: Career Services supports and sponsors a number of job and career fairs each year. These fairs provide students and alumni/ae an opportunity to meet employer representatives to discuss internships, part-time and summer jobs, long term opportunities, and to learn about various career fields and options.

Career Panels and Presentations: Panel discussions and talks featuring employers, alumni/ae, students, faculty, and others are held throughout the year on various career fields and issues.

Informational Booklets and Guides:

Informational booklets on topics such as resume and cover letter writing, interviewing skills, self-assessment, career exploration, and the job search are available in addition to guides on specific career fields.

On-campus Recruiting Program: Career Services sponsors visits from a wide range of organizations which interview on campus. Students can register and upload a resume, view a calendar of recruiting dates, and sign up on interview schedules through Career Wings.

Resume Referral Program: Throughout the year, employers contact Career Services to receive copies of resumes from UNF students and graduates for a wide variety of positions. Students should register and submit a resume for referral to potential employers through Career Wings.

Practice Interviews: Job seekers preparing for interviews can sign up for a practice interview conducted by a career counselor. Critiques are given after each interview. Video taping also is available.

Career Planning Course: EDG 2000: A 3 credit hour course is taught by Career Services' career counseling staff and guides the student through the career development process.

Career Services Website: Career Services has developed a website to help students navigate through thousands of career related links on the Internet. www.unf.edu/dept/cdc

Career Services' main reception area and the Career Library are located in Founders Hall, Building 2/Room 2039. Office Career Library hours are: Monday-Friday, 8 a.m. to 5 p.m. Phone: (904) 620-2955.

Child Development Research Center

Child Care: The UNF Child Development Research Center (CDRC) promotes an atmosphere of creativity, freedom of choice and positive interaction with children of the University and the community. The CDRC is a fully accredited program with the National Association for the Education of Young Children (NAEYC).

The Center offers a readiness program directed toward a formal education that includes arts, reading, sciences and math. A homework assistance program is offered for all school-aged children after school hours. Music and movement education are additional programs that are available. During the summer terms, a Youth Fitness Camp program is offered for children ages 5 through 10 years in cooperation with UNF's Recreation Department.

The Child Development Research Center is available to children aged 2 years/6 months (if fully toilet trained) through 10 of UNF students, faculty, staff and the general public.

Academic lessons for preschool children are conducted on a 1:10 staffing ratio. Qualified teaching staff is present during all operating hours. These hours are: Monday through Thursday, 7:30 a.m. to 9 p.m.; and Friday, 7:30 a.m. to 6 p.m. during UNF's fall and spring semesters. summer semester hours are 7:30 a.m. to 6 p.m. Monday through Friday.

The Center serves the University's academic community by allowing faculty members to conduct research. This research is interdisciplinary in nature and involves various University departments and research projects. The Center serves as a pre-internship site for its University students as well as students within its region.

Daily and/or weekly fees for use of the Center vary according to parents' membership in the UNF community (student, faculty or staff, alumni or general community) as well as full-time or part-time usage. The fee structure for the academic year may be obtained by calling (904) 620-2372. The Center is Building 49, near the 9A entrance to the campus. CDRC's website is www.unf.edu/dept/cdrc.

Counseling Center

Personal counseling services can enhance the total education experience. Professional counselors are available in the Counseling Center to help students resolve their personal problems and concerns. From time to time, students may experience personal concerns that temporarily prevent them from achieving goals or potential. Counseling offers a safe, supportive environment where one's concerns can be shared and explored. Counseling is confidential within the guidelines of the law and available free of charge to all currently enrolled UNF students.

Individual Counseling: One might consider individual counseling when dealing with such issues as: anxiety, depression, loneliness, alcohol/drug use, family or relationship difficulties, and sadness due to a loss.

Group Programs: Group counseling is offered to help improve understanding of self and others and increase effectiveness in interpersonal relationships. Groups generally are limited to 7-12 participants and meet weekly. Group themes vary each semester and may include such topics as: relationships, self-esteem, grief recovery, and personal growth.

Drug and Alcohol Services: The Counseling Center provides individual assessment, counseling and referral for students concerned about their substance use.

Referral: Students who require specialized assistance may be referred to on- and off-campus services based on evaluation of their needs.

Consultation and Outreach: Counselors are available for presentations to classes and other organizations on a wide variety of mental health issues.

Appointments: The Counseling Center is located in Founders Hall, Building 2/Room 2068. Counseling appointments can be made either in person or by telephone (904) 620-2602. Students in crisis may come to the Center and accommodation will be made for them to see the first available counselor. After-hours emergencies should be directed to the University Police (904) 620-2800.

Disability Resource Center

The Disability Resource Center (DRC) promotes and facilitates partnerships among UNF students with disabilities and the UNF community. The services provided by the DRC are for students with diagnosed disabilities that include, but are not limited to:

- Learning Disabilities (for example: reading, writing or math disabilities)
- ADHD and ADD
- Physical Disabilities
- Medical Disabilities
- Blind or Low Vision
- Deaf or Hard of Hearing
- Speech Disabilities
- Psychological or Emotional Disabilities
- Other diagnosed disabilities

The staff at the DRC is available to:

- assist students through the admissions and enrollment processes
- provide support during a student's academic career at UNF
- share resources available in the UNF and the Northeast Florida community

The DRC provides and coordinates an array of support services. Among the services and opportunities offered to students registered with the DRC are:

- Accommodations for classes (examples: tape recorder, note takers, interpreters, priority registration, extended time on exams)
- Seminars (examples: study skills, employments skills, legal rights)
- Career counseling in partnership with UNF Career Services
- Peer support groups
- Opportunities for self-advocacy and self-determined choices

- Partnership with other UNF support services (examples: Academic Center for Excellence [ACE], Career Services, The Counseling Center)
- Scholarship opportunities for individuals with disabilities
- Internship opportunities (paid and unpaid) for individuals with disabilities
- Support services for faculty
- Disability Library
- Assistive Technology and training
- Student Advisory Board

When students with disabilities enroll at UNF, they are invited to become partners with the DRC. Once new or transfer students have been admitted to UNF, they are invited to register with the DRC. Current UNF students with disabilities may choose to register with the DRC at any point in their academic careers. To receive support services, a student must register with the DRC. Students take responsibility for requesting their own academic accommodations.

The services are provided free of charge to students registered with the DRC. To register with the DRC, students must provide written documentation that meets UNF guidelines (see www.unf.edu/dept/disabled-services or contact the DRC for specific requirements). Documentation will be reviewed by DRC personnel to ensure compliance with UNF's Disability Documentation Guidelines. Please allow ten (10) working days for completion of the review process. Prior UNF students returning for course work after an absence of three consecutive semesters must comply with current DRC documentation requirements and policies.

The DRC offers paid and volunteer opportunities to UNF students who would like to serve as note takers, readers, or scribes for students with disabilities registered with the DRC. In addition, the DRC is a contact for "Students Helping Students," a program designed to help students with temporary impairments such as broken legs, injured arms, or other mobility issues. For more information on these opportunities, please contact the DRC staff.

UNF has designated an ADA Compliance Director to ensure compliance with policies regarding nondiscrimination against persons with disabilities. All ADA /Section 504/ complaints and appeals should be addressed to the ADA Compliance Officer, Portable 832, (904) 620-2870 per State Board Rule 6A-10.041(2)(e) and 6C-6.018(2).

The Disability Resource Center is located in Honors Hall, Building 10/Room 1201, and is open Monday-Thursday 8 a.m. to 8 p.m.; Fridays 8 a.m. to 5 p.m. To contact the center, call: (904) 620-2769 Voice/TDD, or fax (904) 620-3874 or online at www.unf.edu/dept/disabled-services/.

English Language Program and Conversational Foreign Languages

The intensive English Language Program (ELP) teaches English as a second language to international students preparing for admission to the University. The program issues immigration documents needed for students to acquire the student visa from the American embassy in students' respective countries. The program began in the Division of Continuing Education in 1997 with six students from five different countries and just one teacher who acted as the ELP administrator when not in the classroom. Since that time the program has grown steadily and now boasts an average semester enrollment of about 70 students from as many as 30 different countries and an annual enrollment of 200 with 12 instructors, five levels of instruction and an office staff of four. Three semesters are offered each year and a one month conversation class is offered during August. In the summer of 2006, the program moved to the Division of Student and International Affairs.

Students in the intensive English classes study English 22 hours a week and practice a variety of different language skills to build fluency. Instruction is given at five levels (beginning, intermediate, advanced, pre-university and concurrent enrollment). Students in pre-university level classes prepare to write a research paper in English and complete the program after an exit exam. The institutional TOEFL is given by the program each semester and as many as 100 ELP students are attending or have attended UNF in undergraduate and graduate programs. Students are placed in levels after the placement exam and move through class levels. Students are given many opportunities to practice English language skills including after class activities and tutoring. Students earn a certificate of completion at the end of the semester at a ceremony designed to celebrate language learning.

ELP students explore their new culture and community by participating in short field experiences in Jacksonville and St. Augustine and community service activities. In addition, the students participate in many UNF activities such as Worldfest, Hispanic heritage celebration, the international student dinner dance, UNF international week, and language partner programs with UNF professors and their classes to explore diversity.

In addition to the intensive English classes offered during the day, the ELP offers English as a second language in the evening to international residents living in the Jacksonville community. This program also has four levels of instruction and is offered seven hours a week. The average annual enrollment is 150. Accent Reduction is a semester long class offered in the evening for those in the Jacksonville community who want to improve their Eng-

lish pronunciation. Short conversational foreign languages are offered for those wanting to try a foreign language. Japanese, Italian, French, and Spanish are offered on a rotating basis as the classes fill. Businesses in Jacksonville can contract a customized English language or foreign language class to be offered at their workplace.

For more information contact elp@unf.edu Monday – Friday, 8:30 a.m. - 5 p.m., (904) 620-4281. The ELP Office is located in UNF Hall, Building 53/Room 110.

The Florida/West Africa Institute

The Florida/West Africa Institute (FLAWI) is based at UNF and was created by Florida’s Legislature in 1991 to promote educational, economic, commercial, cultural and professional exchanges between the state of Florida and the 6 West African countries. The Institute is one of eleven administered by Florida’s public universities, in affiliation with various Florida state universities and community colleges. FLAWI’s affiliate institutions include: University of Florida, Gainesville; Florida A&M University, and Florida State University in Tallahassee; and Florida Community College at Jacksonville.

FLAWI provides out-of-state tuition waivers to eligible students from the West African region to study at Florida’s state universities and community colleges. Other activities include:

- maintenance of the FLAWI web page and regular publication of a FLAWI newsletter
- dissemination of information to Florida businesses, as well as their counterparts in West Africa, concerning international trade potentials and market conditions
- facilitation of agreements for faculty exchange, student exchange and joint research between universities in the State of Florida and in the countries of West Africa
- encouragement of cultural exchanges between community organizations in the State of Florida and their counterparts in the countries of West Africa
- sponsorship of symposia on contemporary West African issues

The Florida/West Africa Linkage Institute office is associated with UNF’s Intercultural Center for PEACE and is located in Honors Hall, Building 10/Room 1200, telephone (904) 620-1950.

Greek Life (Fraternities/Sororities)

The University of North Florida has 21 fraternity and sorority chapters on campus, representing well-over 1,500 students. They include members of the Interfraternity Council, National Panhellenic Council, Panhellenic Association, and Multi-Cultural Greek Council (all are national umbrella organizations). There are also numerous organizations and honor societies, which provide support and service to the Greek Community

and to the overall student body at UNF. These include the UNF Greek Council and Order of Omega Greek Honor Society.

Currently recognized Chapters are:

Fraternities:

Alpha Phi Alpha	Omega Psi Phi
Chi Phi	Phi Beta Sigma
Delta Upsilon	Pi Kappa Phi
Kappa Alpha	Sigma Alpha Epsilon
Kappa Alpha Psi	Sigma Chi
Kappa Sigma	

Sororities:

Alpha Chi Omega	Kappa Alpha Theta
Alpha Kappa Alpha	Kappa Delta
Delta Gamma	Sigma Gamma Rho
Delta Sigma Theta	Zeta Tau Alpha
Gamma Eta	Zeta Phi Beta

Greek life represents the single largest student entity on campus—including more students than in all other student clubs and organizations, Student Government and Athletics combined! Fraternities and Sororities provide life-changing opportunities for students to gain leadership experience and to develop both the social and organizational skills needed for post-graduate success. Greek life provides both a network of lifetime friendships on campus and an extensive post-graduate career resource. Recruitment happens in the fall and spring for men, and only in the fall for women. All UNF students are highly encouraged to come out and explore the fun and life-impacting opportunities of Going Greek!

For more information contact Greek Life in the Robinson Student Life Center, Building 14/Room 1541/1536 or call (904) 620-2526/1574, or check out: www.unf.edu/greeklife.

Handbooks for Students/Parents

The UNF Student/Parent Handbook is produced out of the Office of the Vice President for Student and International Affairs as well as Parent and Family Programs and contains an overview of institutional policies, campus services and recreational outlets of importance to all students, as well as information for parents. The Student/Parent Handbook is distributed during New Student Orientations and is available in a variety of offices on campus including the Student Affairs Vice President, Building 2, the Bookstore, Building 8, Academic Advising Offices, Student Life and the Robinson Center Information Desk, Building 14. The students’ portion of the handbook appears on the Student Affairs web page at www.unf.edu/studentaffairs. Handbook information relevant to parents is found at www.unf.edu/student-affairs/student-handbook.html.

The Residents' Handbook is produced by Residence Life and includes information regarding campus life and policies that specifically relate to resident students. It is available to all resident students through the Housing office, Building 825 and on the University's Web.

The UNF Student Clubs & Advisors Handbook serves as a guide for UNF student club officers and their advisors. Among other information, it contains the procedure for starting and maintaining a UNF club or organization. Call (904) 620-1760 to receive a copy or request information or assistance regarding UNF student clubs.

Health Promotion

Health Promotion is committed to promoting healthy lifestyle choices to the University community. This is accomplished by offering a variety of programming and assessments for the individual who is motivated to improve his/her level of well-being. Programs and services include CPR classes, free anonymous HIV testing, Sexually Transmitted Infections information, health fairs, class presentations and workshops, residential programming and other outreach activities. The department is located in Building 3/Room 1201 and may be reached at (904) 620-1570.

L.I.F.E. Peer Education Team (Lifestyle Improvement for Everyone): Health Promotion sponsors a team of undergraduate and graduate student peer educators to assist students in using the resources available at UNF and in developing personal health goals. They are well trained in all areas of health promotion and facilitate numerous on-going campus events, workshops, and programs.

Dr. Paul Shirley Assessment Center: The Center provides fitness, nutrition, stress assessments, exercise prescription, goal planning, nutritional counseling with a graduate nutrition student, and a variety of health promotion programming. With the help of the professional staff, these programs can be instrumental in creating awareness, motivation, and encouraging healthy lifestyle changes. To take advantage of the Center's offerings call (904) 620-1081 or visit the Center in the Dottie Dorion Fitness Center, Building 25/Room 1106.

Campus Alcohol and Drug Information: The Department of Health Promotion is committed to promoting the health and well being of the University community through a variety of prevention and awareness programs. This is accomplished through programs, information and activities designed to prevent alcohol and other drug abuse and sexually transmissible infections (STIs). Alcohol and drug Intervention services also are provided. For information, please contact (904) 620-1570 or visit Building 3/Room 1201.

Housing Operations and Residence Life

The Advantages of Living On-Campus: Students who live on-campus at UNF have many advantages over commuting students.

Our University is designed for the modern college student. The 1,350-acre campus is surrounded by a forest that showcases its natural beauty. The beach and downtown are just minutes away by car. The campus offers numerous fitness and wellness programs and many opportunities for formal and informal recreation through intramural sports, nature trails, and swimming.

Location, Convenience, Social Interaction: The pleasure of living on-campus provides resident students with the enjoyment of everyday conveniences and many opportunities for social interaction.

Location: All UNF student residences are a short walk to such necessities as the cafeteria, library, computer center, campus convenience store, bookstore and classes. Resident students enjoy the convenience of walking to classes, faculty offices and all campus events.

Convenience: Each of the housing complexes offers its own laundry facility. In-house study lounges are available to residents of Osprey Hall, Osprey Landing, Osprey Cove, and Osprey Crossings. A large recreation field built especially for resident students is located next to Osprey Crossings.

Free High-Speed Data Access, Cable TV Service, and Wireless: All rooms in housing are wired for in-room, high-speed data access and broadband digital cable TV service, which are all included in the housing rent. Students must provide their own equipment to access these services. Wireless connectivity is available outside of all Housing areas.

Roommate Choices: Although roommate choices are not guaranteed, every effort is made to match students who have requested each other. If you do not request a roommate(s), an assignment will be made for you based on the information you provide on the Housing Contract. Living on-campus provides opportunities to make friends, communicate and live with individuals from diversified cultural and social backgrounds.

Athletics, Activities and Involvement: Living on-campus offers opportunities and involvement with athletics, recreation, and social activities.

Staffing: Resident Assistants (RAs) provide on-campus students with peer support. These UNF students reside on-campus and sponsor many of the programs offered in the Residence Halls. In addition, Area Coordinators (ACs), professional staff members with master's degrees, live in the residential community to provide an added level of support and supervision.

Recreation and Athletic Complex: The UNF Recreation and Athletic Complex allows students to have free use of an indoor Olympic size swimming pool, Arena, fitness center, softball field, and track, as well as tennis courts, handball, basketball, racquetball and squash. Harmon Baseball Stadium, also located within the Recreation and Athletic Complex, is home to UNF's intercollegiate men's baseball team, and the Arena is the site of both men's and women's intercollegiate basketball and volleyball competitions. These facilities are all a short walk from housing. All UNF students are admitted free to all regular season intercollegiate athletic events and facilities by showing a valid UNF ID card.

Activities: Additional campus activities range from popular films to dances, and concerts offering rock, jazz, and classical music. Informal recreation is made possible by the many natural settings in and around the campus, including nature trails, bike-riding, canoeing, jogging, walking, and the use of numerous on-campus picnic areas.

Opportunities for Involvement in Residence

Life: The Department of Residence Life provides residents with the opportunity for leadership through a variety of positions. The Resident Assistant, Desk Assistant, Peer Mediators, and Executive Board Members of Residence Hall Association (RHA) are examples of positions available to students who live on-campus.

Living on-campus is more than a convenience. It is a learning opportunity.

Intercultural Center for PEACE

The Intercultural Center for the Promotion, Education and Advancement of Cultures and Ethnicities (ICP henceforth) promotes civility and respect for the dignity and worth of each individual at UNF, encourages peace through cultural diversity, and educates and advances the understanding of cultures and ethnicities. The Center is dedicated to maintaining an environment that places the highest priority on encouraging the appreciation of our differences, collegial relationships, mutual respect, and sensitivity among its students, faculty and staff. We encourage multiplicity of opinions and backgrounds. ICP wants to create valued and sought after graduates. The Center has four priorities: embracing and providing more interaction with UNF's minority student organizations, creating a forum for campus dialog regarding race

relations and current domestic and global issues, coordinating and supporting the Florida/West African Linkage Institute (FLAWI), and implementing diversity workshops for the University.

The Center is located in Honors Hall, Building 10/ Room 1200, and is open Monday through Friday, 8 a.m. to 5 p.m.; (904) 620-2475; www.unf.edu/dept/icp/

The International Center

The University of North Florida has made a strong commitment to the development of international opportunities for its students, faculty, and staff through the UNF International Center. The International Center serves as the interdisciplinary focal point within the University to coordinate the international mission of the University.

The International Center fulfills the University's role in international education by providing centralized services for study abroad programs, international faculty exchanges, international scholars and visitors, relationships with foreign universities, and international training projects. See also Study Abroad this section (page 63). For additional information call (904) 620-2657.

International students at UNF represent more than 70 countries from around the world. The UNF community welcomes international students and is sensitive to the needs that arise when studying in a foreign country. Specialized programs which attempt to meet these needs include orientations, international student receptions, and immigration workshops. For further information on admissions for international students call (904) 620-2657.

Intensive English language instruction for international students, members of the community, visitors, and business people is available through The English Language Program (ELP), also a part of the Division of Student Affairs. The curriculum focuses on preparation for academic course work in specialized fields of study, as well as English for specific business purposes. Cultural and functional language components assist students in adapting to their new environment. For more information or to request a brochure, contact ELP, (904) 620-4281 or rharrold@unf.edu. See also more detailed ELP information in this chapter.

Interfaith Center

Keeping the Spirit alive at UNF is the vision of the Interfaith Center. We support the University's mission for incorporating spirituality as an important aspect of the meaning and purpose of higher education, and for educating the whole person through alternative ways of knowing, being and doing.

Our mission is to care for the individual, and to lead, educate and advocate the expression of religious faith and core values.

Some students come to college seeking the questions as much as the answers. They enjoy having their world rocked and their assumptions challenged. Others come seeking a faith they can count on, stability, safety, and assurance. Whether students are on a quest to be a genuine, authentic person, seeking discernment of a vocation, or searching spiritually for Truth, the UNF Interfaith Center strongly emphasizes leadership, character, and integrity as qualities basic for students' discovery and practice. UNF is a multicultural setting and spirituality comes in diverse colors, shapes, and opportunities. We are committed to representing and serving all students.

The Interfaith Center, supervised by the Assistant Vice President for Student Affairs and the daily guidance of the Dean of Students, is located on the second floor of the Robinson Student Life Center, Building 14/Room 2636. Information is also found on the bulletin board next to the external elevator on the first floor of Schultz Hall, Building 9, in the courtyard area. Let us help you ask the questions, find answers, locate a variety of faith tradition resources, address personal needs, discover a faith community on or off campus, and experience the connections that will transform you spiritually! Have short term financial concerns? Apply to our Emergency Loan Fund [ELF].

Additionally, there are student religious clubs recognized by the University but not affiliated with the Interfaith Center. Contact UNF Club Alliance (904) 620-1470 or consult the Student/Parent Handbook for more information on these.

The Interfaith Center may be reached at:
(904) 620-2837
(904) 620-1057 fax
(904) 710-6577 emergencies
www.unf.edu/dept/interfaithcenter
interfaith@unf.edu

Leadership Institute

The Leadership Institute educates students on how to become strong ethical and value-based leaders with a commitment to excellence, focus, relevance, and accountability. It creates an in depth study of leadership from a theoretical perspective balanced with practical application. The mission is to develop and promote global ethical leadership and character among our students and community through education, service, and research.

Your Six Options: Currently, the Leadership Institute offers five independent options that may lead to a sixth and all-encompassing Leadership Certificate.

1. Leadership development classes: The course EDA 3052 – Introduction to Leadership provides the foundation of leadership. This three credit hour class can serve as the entry point for students who choose to pursue the Leadership Certificate.

For additional academic credit classes on leadership, students can select from an approved list of courses from the five colleges. This list is located in the office of the Subdivision of Student Life.

If students want to explore the foundation of leadership for non-academic credit, there are three specialized courses focused on leadership theory, ethics, decision-making, and group dynamics.

2. Organizational & Skill Development Programs: The Subdivision of Student Life conducts several workshops, lectures, and conferences throughout the academic year concentrating on skill and relationship building as related to effective leadership.

3. Co-curricular involvement - Clubs & Organizations: There are over 125 clubs and organizations offered at UNF that represent the diverse interests of students. Each organization has a clear mission and leadership opportunities. Many of these organizations conduct trainings and attend regional and national leadership conventions.

4. International Leadership Experiences: Over the summer, UNF offers opportunities to expand students' leadership knowledge beyond U.S. borders. Students will travel abroad and experience firsthand the leadership, culture, language, and customs of other countries through scheduled classes, experiences, and excursions.

5. Co-Curricular Transcript: The co-curricular transcript, designed to augment the academic transcript, is a tangible representation of the dedication and devotion to the study of leadership. Students produce a transcript of their co-curricular activities and service accomplishments focusing on achievement of the leadership learning objectives and transformational experiences.

6. The Leadership Certificate: The Leadership Certificate, endorsed by the University, draws upon the opportunities in the Institute and provides students with an intentional track to study leadership. Students contract with the professor denoting their individual objectives and outcomes. The requirements are: the gateway course- Introduction to Leadership, experiential activities, academic classes, skill development, and the capstone course. Students' completion of the certificate is recognized through a formal presentation by university officials.

For More Information: Dr. Lucy Croft, Assistant Vice President for Student Affairs, (904) 620-2600

Lesbian, Gay, Bisexual, Transgender Resource Center

Opening its doors in July of 2006, the LGBT Resource Center became the newest addition to the Student Life Subdivision. The Center's mission is to provide valuable education and resources for the entire campus with a commitment to advocacy, equality, respect and support for LGBT students, faculty and staff. Services provided include one on one student support, educational programs and events, resource library and a drop-in center that is open from 9-5. The Center also provides students with opportunities to get involved on campus, a variety of leadership initiatives and a social outlet to meet new friends. For more information visit the website: www.unf.edu/dept/lgbt/ or call (904) 620-4720. The Center is located in Building 3/Room 1211.

Ombudsman for Students

If you have a University related problem, the Student Ombudsman can assist you in obtaining the information needed to help you solve it. The Student Ombudsman will listen, advise, help define options and make recommendations. In addition, this person can make referrals to individuals more expert in a specific area. The Student Ombudsman is located in Student Life Subdivision, Robinson Student Life Center, Building 14/Room 2640 or may be reached by phone at (904) 620-2525 or fax (904) 620-1705.

Parents Association

The UNF Parents Association serves as a link between parents or guardians of UNF students and the University. The Association's mission is to unite parents and family members, faculty, and staff as partners in support of the academic and personal success of students. For membership information, please contact (904) 620-1567. www.unf.edu/student-affairs/parents-association

Police and Public Safety, Department of

The Department of Police and Public Safety is located in the Martin P. Garris Police Building, Building 41. The Police Department provides community focused police services for all members of the University community. Twenty-four hour patrol and dispatch services are provided with access to municipal emergency services. University police officers are sworn law enforcement officers of the State of Florida. Territorial jurisdiction consists of any property or facility which is under the guidance, supervision, regulation, or control of the University of North Florida.

General services provided by the University Police include vehicle patrol, bicycle patrol, foot patrol, investigation of all criminal offenses, traffic enforcement, traffic crash investigation, special events management, safety escorts and crime prevention programs.

The Police Department has an excellent working relationship with all local law enforcement agencies assuring the delivery of professional police services. The Jacksonville Sheriff's Office, Florida Department of Law Enforcement and other law enforcement agencies are available to assist upon request. Communication and coordination with all area law enforcement agencies are maintained on a 24-hour basis via radio and computer networks, such as the First Coast Radio System and the National Crime Information Center. UPD may be reached for general assistance at (904) 620-4UPD (620-4873). Emergencies may be reported from any campus phone by dialing 911 or from a cell phone by dialing (904) 620-2800.

Recreation (Campus)

The Department of Campus Recreation is sponsored by Student Government funding. Programs are planned and organized with the assistance of student leaders and administrators. The purpose of the program is to provide students, faculty, and staff with an opportunity to participate in competitive and non-competitive sports as well as activities to enhance their lifestyle and college experience.

Through participation in the various programs, students are able to develop positive human relationships, attitudes and leadership skills. The sponsored programs include intramural sports, Eco Adventure, Group Fitness, Aquatics, Recreational Sports Clubs, Nature Trails and Open Recreational use of the Dottie Dorion Fitness Center, Recreational Track, Aquatic Center, Stadium and Arena.

Intramural Sports: An intramural sports calendar is posted at the beginning of each term. The intramural sports program offers recreational experiences ranging from soccer, flag football and basketball, to tennis and racquetball. Check the intramural sports calendar at www.unf.edu/recsports for sign-up deadlines and captain's meetings.

Open Recreation and Sports Facilities: UNF's Recreation and Athletic Complex provides students with a selection of activity areas from which to choose. Open recreational resources include:

- Hayt Golf Learning Center (see more below)
- Tennis Courts
- Jogging trails
- Lakes for fishing and canoeing
- Softball field
- Multipurpose Recreational fields
- Nature Trails
- Sand volleyball court
- Indoor and outdoor basketball courts
- Indoor racquetball courts
- Outdoor track

Students must show their valid UNF student identification card at all recreational facilities to gain entry and to check out equipment.

Dottie Dorion Fitness Center - Fully equipped

- Over 10,000 sq. ft. of fat-burning and muscle building
- Over 6 tons of free-weights with 120 exercise stations
- Woodway treadmills
- Precor elliptical
- Bikes
- Rowers
- Steppers
- Free to currently enrolled students

Personal Training: Our fitness trainers can design a custom workout program for you based on your goals, experience, and needs. Our personal trainers want to track their client's fitness techniques and healthy habits that will last a lifetime. It costs \$75 for three one-hour sessions.

The UNF Arena: This versatile \$9.9 million facility seats 5,800 spectators. It is home to UNF's men's and women's varsity basketball and women's volleyball teams and is the site for graduations, concerts and other University functions. The facility includes four indoor racquetball (one squash) courts, locker rooms, basketball, volleyball and badminton courts, classrooms, teaching laboratories and offices. Students enjoy open recreational time in the facility participating in a variety of activities. The departments of Campus Recreation and Intercollegiate Athletics have offices in the facility as well as Physical Education faculty. Facility hours and usage procedures will be posted each semester.

Group Fitness Program: Classes are held on weekdays in the Arena. A variety of classes are offered including Spinning, Pilates, Killer Abs, Kickboxing and Yoga. Equipment is provided. Students are encouraged to bring a water bottle and towel. Proper footwear is required. The program is free to students, faculty and staff with a valid UNF I.D. Classes are scheduled on a semester basis. Call the Recreation Office at (904) 620-2998 for current class times.

Aquatic Center: The UNF Aquatic Center features an indoor Olympic size pool (50 meters by 25 yards) with both one-meter and three-meter diving boards. A large outdoor sundeck is adjacent to the pool. The facility gained national prominence in recent years with an "Excellence in Aquatics Award" from the National Recreation and Parks Association. Activities offered include: swimming instruction, Osprey Aquatic Club, aqua-aerobic classes, water polo, water volleyball and lifeguard training courses. Lanes are always available for lap swimming and there is a lift for disabled individuals. A certified lifeguard is on duty at all times. Hours are posted each semester. For more information call (904) 620-2854.

Robert W. Loftin Nature Trails: Five miles of nature trails travel through the 363 acre Sawmill Slough

Preserve and remaining underdeveloped areas of campus within the UNF Conservation Area. Nature trails are a component of the National Recreational Trail System, United States Department of the Interior. The trailhead is located in Parking Lot 100, near 9A. Picnic areas available on first come, first serve basis, all groups please call ahead before arriving. No dogs, bikes or vehicles allowed in natural areas in order to protect ecosystem and habitat integrity. Students may fish in lakes with a valid State of Florida Freshwater Fishing Permit (available online), catch and release only, no live fish as bait. Picnics are allowed on most areas of campus, cooking fires are permissible in grills but no alcoholic beverages are permitted. Do not collect or release plants or animals on campus.

Eco-Adventure Program: Provided by Student Government, students can check-out camping gear, canoes or kayaks for free during scheduled hours, excluding finals weeks and intersession. Canoes and kayaks are available for student use in Lake Oneida on weekends. Additionally, adventure trips are planned each semester at low-cost to UNF students. One to five day trips include hiking, sailing, kayaking, snorkeling and more. For more information, phone: (904) 620-1810, e-mail: rectrail@unf.edu, website: www.unf.edu/recsports/nature/index.html

Hayt Golf Learning Center: The UNF Hayt Golf Learning Center, a 38-acre site on campus which opened in 2002 for the UNF community's and the public's use, was designed and will be maintained to merge wildlife conservation, habitat enhancements, and First Tee (a national program which makes golf more accessible and affordable to children who would not otherwise have the opportunity to learn golf). In addition to a four-hole golf facility with a 50 tee driving range, short game practice area and putting green, the building features a snack bar, golf library and an Audubon Natural Resource Center. The facility also contains office space for the University's Nature Trail staff, as well as labs for faculty conducting environmental research on campus. Golf operations for Golf Plex at UNF are managed by McCumber Golf. Call (904) 620-2050 for additional information.

Hodges Stadium: Completion of UNF's 9,000-seat stadium continues as funding becomes available. The stadium first-floor concourse—consisting of locker rooms, restrooms, physical therapy labs, classrooms, and concession areas—opened in 2004. The facility will host special events such as festivals, sporting competitions and concerts sponsored by campus event planners as well as community users who reserve the facility for a fee. In 2004-05 the stadium served as the practice site for a visiting Gator Bowl team as well as for one of the NFL teams visiting Jacksonville for Super Bowl XXXIX. In the spring of 2008 construction began

on a nine-lane international track. Renovation to the field area will also enable UNF to host a variety of track and field events. Outdoor sports lighting for the field was installed and the Press Box completed.

UNF Skate Park: The UNF Skate Park is a 10,000 square foot outdoor facility with various equipment including ramps, banks, a half-pipe and street elements. The park is open to UNF students during daylight hours only. Skaters must wear helmets at all times, while knee and elbow pads and wrist guards are recommended. Skateboards and in-line skates are the only riding equipment allowed. It is located in the northern-most part of campus with entry from the north UNF parking lot (Lot 18) by way of a sidewalk from the lot, past the north recreation fields to the skate park.

Recreational Sports Clubs: UNF's recreational sports clubs provide students with an opportunity to learn, compete and socialize with students who share similar interests. UNF's recreational sports clubs include: Adventure Racing/Triathlon, Sailing, Rugby, Surfing, Lacrosse, Ultimate Frisbee, Aikido, Kiteboarding, Fencing, Soccer (women's), Mixed Martial Arts and Sweet Science Studies (boxing). These organizations are open to participation by students, faculty, staff and alumni. The Recreation Office is located in the UNF Arena, Building 34/Room 1043. For more information, call (904) 620-2998.

Reentry Program

The Reentry Program provides assistance and advocacy for nontraditional college students, age 25 years and older or students with child-rearing responsibilities, and is geared toward the needs of those students either entering college for the first time or returning to school after an absence. The program provides information and referrals to prospective reentry students, and the following services to currently enrolled reentry students: information and referrals, support services, advocacy, and limited number of scholarships and child care stipends.

The Reentry Program is located in the Women's Center in the Robinson Student Life Center, Building 14/2623. Office hours are Monday through Thursday, 8 a.m. to 6 p.m., Friday, 8 a.m. to 5 p.m., and other times by appointment. Phone: (904) 620-2528, fax (904) 620-2527. For more information, go to the program's website at www.unf.edu/dept/womens-center/.

Student Conduct

The Student Conduct Code is designed to promote responsible behavior for all students consistent with the welfare of the UNF community. The University of North Florida's jurisdiction regarding discipline is generally limited to conduct of any student or registered student organization that occurs on UNF premises, including

University Housing. However, the University reserves the right to impose discipline based on any student conduct, regardless of location, that may adversely affect the University community. Any individual may provide a report to the Student Conduct Office. All information will then be reviewed by an appropriate staff member in the Student Conduct Office to determine whether Student Conduct Code charges will be filed or if alternative action is appropriate. The Student Conduct Code is printed in the Student Handbook and can be found online at www.unf.edu/student-affairs/student-handbook.html. For more information, call (904) 620-3979 or visit the Student Conduct Office, Honors Hall, Building 10/Suite 2640.

Student Government

Student Government serves as a governing body responsible for representing student interests and addressing student needs on matters of University, local, state, and/or national concerns. At UNF, Student Government affects the quality of students' lives by providing students with many opportunities for involvement in ways that allow them to have an input into the decision-making processes. The three branches of Student Government are: The Executive Branch, which includes the elected president and vice president and their appointed cabinet members as well as four selected Agency Chairs; the Legislative Branch which consists of 46 student senators elected in the fall and spring to act as the voice of the student body; and the Judicial Branch, which is composed of a maximum of seven student justices.

Students may represent their classmates and gain valuable leadership and work experience by representing them on a broad variety of University committees to which the Student Government president is authorized to nominate them. The skills and friendships developed through SG involvement can be personally and professionally important throughout a lifetime. The SG offices are located in Room 2605 of the Robinson Student Life Center, Building 14.

Executive Branch – led by the President: This arm of Student Government is composed of administrative officers who represent the student body. It consists of the Student Government president, the Student Government vice president, the SG treasurer, attorney general, the President's Cabinet, and Student Government agencies. Some of the responsibilities of the Executive Cabinet are the planning and executing of programs, projects, and services designed to educate the student body about various issues which affect them and to enhance their safety and well-being while at UNF.

SG Agencies serve as administrative divisions of the Executive Branch of Student Government and are created, funded, and managed entirely by Student Government to provide activities and services to the UNF student body.

The four SG Agencies are:

The African American Student Union (AASU): The African American Student Union is an agency of Student Government responsible for the development and implementation of cultural enrichment activities and educational workshops which reflect interests of the student body, with emphasis on African American culture. AASU offers a variety of opportunities for all students to engage in activities and events that enhance both their educational and social experience at UNF. Black History Month speaker, lectures, Comedy Jam, Pajama Party, and Unity Fest are some of the yearly events sponsored by AASU. This student run organization also functions as a clearinghouse of information and resources that benefit students of diverse backgrounds. Students are welcome and encouraged to become a part of AASU and serve on one of its committees. AASU is located in the Robinson Student Life Center, Building 14/Room 1535 and may be reached by phone at (904) 620-1529.

Club Alliance (CA): Club Alliance acts as the liaison between SG and registered clubs while assisting in coordination, support, information and resources to approximately 125 student organizations on campus. Clubs exist because of student interest and generally are formed for social, honorary, cultural, recreational or pre-professional purposes. The student-run agency may be contacted via e-mail at sgcluba@unf.edu; by phone at (904) 620-1470 or by visiting the Robinson Student Life Center (Bldg 14)/Room 1453.

Osprey Productions (OP): Osprey Productions is the SG agency that plans and produces a variety of large- and small-scale entertainment events for the entire student body. Interested students may apply to join the board at any time during the academic year. Those eligible are qualified, fee-paying students meeting membership criteria of regular attendance at meetings and reliable assistance in the production of events. OP's student-director and assistant director are hired each year by the Osprey Productions Advisory Board and appointed upon approval by the SG Senate. Members have the opportunity to develop programming ideas for campus entertainment as well as to work in all facets of events planning, promotion, and production.

Regular weekday programming includes free weekly movies, live local bands, karaoke, trivia and open mic nights. Large-scale programming includes campus festivals featuring live music on the University Green and major concerts and comedians in UNF's Arena. Notable past events include: on-campus performances by comedians Brad Sherwood, Colin Mochrie, Carlos Menica, Pablo Francisco, Lewis Black, Dave Chappelle, Jon Stewart, and Carrot Top. Reggae superstars headlining Earth Music Fest have included: Buju Banton, Maxi Priest and Capleton. Past Arena concerts have featured such artists as: Yung Joc, Chingy, Sean Kingston, Flogging Molly, Yel-

lowcard, Something Corporate, Dashboard Confessional, No Doubt, Stone Temple Pilots, Gin Blossoms, Incubus, Alanis Morissette, Green Day, A Tribe Called Quest, Blues Traveler, and Nelly.

Osprey Productions is located in the Robinson Student Life Center, Building 14/Room 1540. You may also contact their hot line at (904) 620-2460 or visit their website at www.unf.edu/groups/osprod.

Volunteer Center (VC): The UNF Volunteer Center is a community service organization designed to serve students, staff, faculty, and alumni. The Center assists students in gaining volunteer experiences in their chosen fields of study. The mission of the Volunteer Center is to increase volunteerism at UNF and in the Jacksonville community through referrals, information resources, group service projects, and education.

The Center maintains a computerized database of local organizations in need of volunteers. The database contains more than 400 contacts locally, statewide, and nationally.

The Volunteer Center:

- assists clubs in choosing and planning community service projects;
- sponsors annual community service projects for the entire UNF community;
- works closely with University faculty and staff; and
- connects students with volunteer opportunities for extra credit in class where offered.

By being part of the Center, students participate in and help organize volunteer projects. UNF Volunteer Center is located in the Robinson Student Life Center, Building 14/Room 1526. For more information contact (904) 620-2755; fax (904) 620-1005; e-mail: volctr1@unf.edu or go on-line at www.unf.edu/groups/volctr.

Legislative Branch – led by the Senate

President: Elected during the fall and spring, the Legislative Branch, composed of the SG Senate, consists of a maximum of 46 elected or appointed UNF students who act as the voice of the student body in all University matters by passing on their behalf, acts, bills, and resolutions that benefit the student body at large and who develop and promote activities of special value and interest to students.

Charged by Florida Law with the responsibility of the allocation of the Activity and Service Fee (A&S) portion of tuition paid by all students within the State University System, each senator is required to serve on various committees in the Senate representing different student concerns. The four standing committees of the Senate include: Budget and Allocations, Constitution and Statutes, Elections, Selections, and Appointments, and

the Student Advocacy Committee.

Students are encouraged to voice their concerns and opinions, throughout each Senate session, at Senate meetings which are held biweekly.

Judicial Branch – led by the Chief Justice:

The Judicial Branch is vested in a Judicial Council composed of a maximum of seven Justices and two Alternate Justices who are appointed by the Student Government president with confirmation by majority of the Senate. Out of those seven, a chief justice is elected annually to preside over the Office of the Judiciary. Justices pledge to protect the rights of the student body by ensuring the rights of an individual through interpretation of the SG Constitution and Statutes. The Judiciary also settles disputes or complaints that students may have with Student Government, its Agencies, and SG funded clubs. The Judicial Council is the final say on issues of noncompliance, judicial complaint, or impeachment. Members gain important experience in the areas of due process and proper judicial procedure. The Judicial Council serves the student body by reading the parking ticket appeal submitted statements. These submitted statements account for about 98 percent of all parking ticket appeals. The Judicial Council also represents the student body on the Academic Appeals Committee, Student Conduct, Parking Appeals Board, J-hold and Fee Appeal Committees.

Student Health Services

Student Health Services (SHS) is a department under the Division of Student Affairs. The SHS mission is to help students at the University of North Florida strive to advance their quality of health in order to support their academic performance and retention. www.unf.edu/student-affairs/student-medical-services/index.html

Student Health is proud of our commitment to high quality health care for our students. We support student retention and academic success by providing primary medical care on campus. The Center is also a site for students needing practicum training in health related issues such as nursing. SHS adheres to the standards of care set by the American College Health Association and CAS Professional Standards for Higher Education. The Medical Director of SHS is Board certified (American Board of Family Medicine). The Center's physician assistant is Board certified (National Commission on Certification of Physician Assistants). The Director of Administration is a Nurse/Director and a Board certified College Health Nurse with American Nurses Credentialing Center. On campus Medical/Health care is provided by physicians, physician assistant, nurse practitioners, registered nurses and support staff.

Student Health provides a solid foundation for on-campus health care and disease prevention by serving as a public health clinic to help minimize interruptions in students' academic pursuits. We provide outstanding healthcare at

a minimal cost to students and are available to all UNF students. This comprehensive healthcare is provided to the students through a health fee paid at the beginning of each semester that affords students access to a wide variety of health care related services:

1. General Medicine: Students with common medical problems are diagnosed and treated on a walk-in and appointment basis. Referrals to outside providers are made when necessary.
2. Physical Exams: Students requiring a physical exam prior to admittance to a school program can have a physical exam done at SHS for a nominal fee.
3. Immunizations: MMR, TD, Hepatitis B, Varicella, Meningitis and flu vaccines are available. TB skin testing is also offered. As a Travel Health clinic, we are also licensed to dispense the yellow fever vaccine.
4. Women's Clinics: These services include PAP smears, family planning education and counseling, treatment of sexually transmitted diseases, pregnancy testing, and other women's health issues.
5. HIV Testing: Confidential testing and counseling are available.
6. Pharmacy: A pre-packaged pharmacy is available. The Center provides both prescription and over-the-counter medications at a nominal charge.
7. Laboratory: CLIA waived laboratory is equipped to do routine labs. We also do specimen collections for more sophisticated procedures and send them to a reference lab for testing.
8. Other Services: Immunizations, health insurance, first aid, health education resources, nutritional counseling, and weight and blood pressure screenings are also available.

Students may visit the clinic as many times per semester as needed, with no office visit charge. However, students are charged for items such as laboratory, pharmacy services, and procedures. These charges are significantly lower than charges for comparable services provided in the private sector. In the event that the required health care a student needs is not available at SHS, the student is referred to a qualified outside agency for treatment. Examples of referrals: specialty referrals such as orthopedics, dermatology and pain management; X-Rays; Physical Therapy; Dental; Vision. Routine follow-ups are conducted by SHS to ensure that the student received appropriate care.

The UNF Student Health Service Privacy Notice

describes how health information about students may be used and disclosed and how students can get access to this information. The notice is posted in the SHS office and provided to all patients at the time of visit. In upholding the patient rights established under the Health Insurance Portability and Accountability Act (HIPAA), SHS is committed to allowing patients an opportunity to control disclosures of their protected health information and will accommodate all reasonable requests for confidential information. www.unf.edu/dept/medcom/1-Pt%20Rights%20and%20Responsibilities.doc

Medical Compliance

A program of Student Health, the medical compliance team focuses on promoting health and preventing health risks. Staff is available to assist students with their immunization, insurance and statement of good health requirements. Hours of operation are 8 a.m.-5 p.m. Monday through Friday. The staff may be reached at (904) 620-2175; or fax (904) 620-2901. The office is located in The Robinson Center, Building 14/ Room 1522. (Note: In August of 2008, this program moves to a new SHS location in Brooks College of Health's new wing of the Brooks Brown Hall, Building 39/ Room 2046. These new facilities will increase the campus clinic from 2,500-square feet to more than 8,900.) www.unf.edu/student-affairs/medical-compliance/index.html.

Immunization Services: The department maintains current immunization and health history records on students. Proof of immunity to measles (two doses) and rubella (one dose) is a prerequisite to registration for all students born after 1956, and a health history is required for all students. Beginning July 1, 2008, it is required by Florida Statute (1006.69) that all new matriculating students provide to UNF 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. For more information on these requirements, diseases and vaccinations, see www.unf.edu/dept/medcom/2007-2008%20UNF%20immunization%20form.doc.

Health Insurance: Students are strongly encouraged to have health insurance coverage. If you are not covered, UNF sponsors injury/illness insurance for domestic and international students and their dependents. International students must present proof of acceptable medical insurance to Student Health before registering for classes. For the evaluation form the student must submit to their insurance company, go to www.unf.edu/dept/medcom/Int.%20Insurance%20Evaluation%202007.doc. See "Admission Requirements for International Students" listing in the Admissions section in this catalog.

Statement of Good Health: A statement is required from a medical provider for all international students prior to registration. The statement is included on the current UNF international student health insurance compliance form. (See www.unf.edu/dept/medcom/Int.%20Insurance%20Evaluation%202007.doc).

Meningitis is an infection of the fluid of the spinal cord and brain, caused by a virus or bacteria and usually spread through the 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 meningitis.

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.

Note: In August of 2008, Student Health Services will move to a new and larger location in Brooks Brown Hall, Building 39/Room 2002.

Student Life

Student Life is headed by UNF's assistant vice president for Student Affairs and includes: management of the Andrew A. Robinson Student Life Center; Interfaith Center; Greek Life; Lesbian, Gay, Bisexual, Transgender Resource Center; Center for Student Media; Leadership Institute; Women's Center; Dean of Students Office; Student Ombudsman, Parent and Family Programs and Student Conduct. Student Life is located in the Robinson Student Life Center, Building 14/Room 2640 and may be reached at (904) 620-2525. During evening and weekend hours, contact the staff at the Robinson Student Life Center Information Desk which is located on the first floor next to the Game Room, (904) 620-1084.

Robinson Student Life Center

The Andrew A. Robinson, Jr., Student Life Center (UNF's current student union) serves as a campus living room for student meetings and social functions. The Center provides a variety of meeting spaces, informal student lounges, a computer gaming hub, a TV Lounge, the Little Auditorium (Room 1700), the Osprey Café, the newly renovated Robinson Theater and a game room which has pool tables, table tennis and live entertainment.

The Robinson Student Center also is the home of many campus services offered through the Subdivision of Student Life, which is comprised of the Robinson Center Reservations and Management, the Center for Student Media, Leadership Institute, the Women's Center, the Interfaith Center, and Office of Greek Life. Also housed there is Parent and Family Programs and Student Government (including SC's four agencies: African American Student Union, Osprey Productions, Club Alliance, and the Volunteer Center).

The RSLC also hosts a variety of special event programming, such as the free biweekly movie series,

live bands, karaoke, comedians and open mic nights. To reserve space in the Center e-mail r.reservations@unf.edu or get more information, contact (904) 620-1496.

Student Media, Center for

At the Center for Student Media, we're working to improve your campus and your college experience. We do that by offering one-of-a-kind radio shows where your peers pick the music (or the topics of conversation). We do that with TV shows made by students for students and a lineup of movies just out of theaters. And we do that by keeping you informed about campus events, keeping a watchful eye on administrators and your student representatives, and letting you know how your Osprey athletes are performing. At your student newspaper and student television and radio stations, students make the decisions, students run the show, and students decide what you want to read, watch and hear. For more information, contact (904) 620-2525.

The Spinnaker: The Spinnaker is not just a student newspaper. It is a newspaper with an obligation to serve the students, faculty and staff of the University of North Florida. The professionalism of the paper's writers and editors has made it an award-winning publication—but we're not here to win trophies. We're here to cover the things that affect the lives of everyone at UNF and to expand the way they look at the world around them. The Spinnaker is a forum for news, information and the free exchange of ideas for the University community. The paper is available each Wednesday at more than 25 racks on campus and online at www.unfspinnaker.com. You can get involved or tell us about your story ideas by calling (904) 620-2727 or e-mailing info@unfspinnaker.com.

Osprey Radio: The student radio station at UNF is a cutting-edge operation offering the only Web stream in town where you can hear sports talk one hour and progressive rock the next. Technically, we're a College Top 30 station, playing the hits you'll find on the College Music Journal Top 200 list (it's like Billboard for college radio). But you'll find everything from jazz to metal and talk to blues. Listen online at www.ospreyradio.com or let us know what you want to hear at (904) 620-2908 or www.wosp@unf.edu. Osprey Radio – Turn On. Stream In. Rock Out.

Osprey Television: Tune your TV to Channel 118 on campus and you'll find UNF's student-run cable channel. We're like HBO and ESPN with a dash of CNN—we show just-out-of-theaters feature films throughout the day, a few Osprey athletic events from whistle to whistle, and our own shows produced by UNF students. And we're an affiliate of the Open Student Television Network, a group of college stations around the country that share their student-made shows. Check us out live on Channel 118, watch our content on-demand at www.ospreytv.com, and let us know what you want to see at (904) 620-2260 or email: ospreytv@unf.edu.

Study Abroad

Through study abroad, the University of North Florida is committed to providing opportunities for students to enhance their academic experiences, enjoy personal growth, and develop their resumes. In addition to registering for faculty-led, short-term study abroad courses typically taking place during the summer terms, UNF students can participate in summer, semester, or year-long programs at locations overseas while continuing progress to their degrees. During the 2007-2008 academic year, UNF students earned credit for coursework in more than two-dozen countries on six continents. Students may participate in study abroad programs in most countries of the world. For additional information, contact the UNF International Center at (904) 620-2657.

Vice President for Student and International Affairs Office

Located in Founders Hall, Building 2/Room 2091, the Vice President for Student and International Affairs has the responsibility for management of a variety of student services, most of which are described in this catalog chapter. The Vice President's Office produces the Student/Parent Handbook, and coordinates campus leadership programming as well as international efforts across campus. This office also is the avenue of appeal for the Student Conduct System and assists students with personal and academic concerns, as well as with general University policies and procedures.

Campus departments reporting to this office as part of the Division of Student Affairs include: Child Development Research Center, Campus Recreation, Career Services, Counseling Center, Disability Resource Center, English Language Program, Health Promotion, Florida/West Africa Institute, Housing Operations, Intercultural Center for PEACE, Interfaith Center, International Center (including services for international students as well as study abroad programs). Parent and Family Programs, Parents Association, Residence Life, the Subdivision of Student Life (including Greek Life, The Leadership Institute; Gay, Lesbian, Bisexual, Transgender Resource Center; Student Activities, Golden Key International Honour Society, Blue and Gold Key, Robinson Center Student Union management, Center for Student Media, and Volunteer Center) Student Government and Student Organizations Student Health Services, Student Ombudsman, University Police Department, and the Women's Center (including the Betty Soldwedel Gender Research Center, Rape Education, Victim Advocacy and Re-Entry Programs).

The Vice President's office serves as the University's administrative liaison with Student Government in collaborating on campus enhancements and concerns related to the student body. The office is open 8 a.m. to 5 p.m. Monday through Friday and may be reached at (904) 620-2600; or fax (904) 620-2644. For more information, visit the Division's website at www.unf.edu/studentaffairs/.

Victim Advocacy Program

The Victim Advocacy Program provides 24-hour crisis intervention services to the University community. Confidential Services include: 24-hour crisis help line, emotional support, evaluation of and assistance through the criminal justice and/or campus judicial process, and any other assistance that may be required to aid a person affected by crime. All services are confidential. This program is sponsored by the Women's Center. The 24-hour Crisis Help line may be reached at (904) 620-1010. The Victim Advocacy Program also offers volunteer opportunities and internships to students interested in victim assistance and crisis intervention.

The Victim Advocacy Program is located in the Robinson Student Life Center, Building 14/Room 2623. Office hours are Monday through Thursday, 8 a.m. to 6 p.m.; Friday, 8 a.m. to 5 p.m. and other times by appointment. Phone (904) 620-2528, fax (904) 620-2527. For more information, go to our website at www.unf.edu/dept/womens-center/.

Women's Center

Located in the Robinson Student Life Center, Building 14/Room 2623, the Women's Center advocates for the political, social, and economic gains of all people by eradicating gender based inequalities in a supportive atmosphere. The Center helps to educate the campus community on the ways in which gender is constructed and shapes social structures as well as individual experiences.

General Activities and Services:

- Celebration of Women in the Arts (fall celebration)
- Women's History Month Celebration (March)
- Information and Referrals
- Lending and Reference Library
- Brown Bag Lunch Lectures
- Special Events and Performances
- Emergency Loans
- Scholarships
- Child Care Stipends

Bette Soldwedel Gender Research Center

The Women's Center, in conjunction with the Gender Studies Minor program, offers the Bette Soldwedel Gender Research Center. The BSGRC provides students with opportunities to be involved in research at both the graduate and undergraduate levels. The BSGRC supports women involved in research in any field and supports men and women involved in research on gender issues. (904) 620-1270.

Rape Awareness Education

The Women's Center also provides educational programs and presentations to the campus community on rape, interpersonal violence and risk reduction. Presentations are specifically tailored to meet the needs of the audience. Interactive educational presentations range from lectures to drama performances by Peer Theater. Due to the fact that women between the ages of 16 and 24 are at greatest risk for sexual assault, raising awareness to the problem of rape as well as exploring different ways to address the issue is a critical and invaluable service the Women's Center provides.

The Women's Center also provides the Reentry Program and Victim Advocacy Program. Please look for program information under those headings.

The Women's Center's hours of operation are Monday through Thursday, 8 a.m. to 6 p.m., Friday, 8 a.m. to 5 p.m., and other times by appointment. The Women's Center can be reached at (904) 620-2528, fax at (904) 620-2527. For more information, go to our website at www.unf.edu/dept/womens-center/.

Honors Program

Charles R. Paulson, Director
Scott R. Furtwengler, Assistant Director
Heather Burk, Service Learning Coordinator
Heather Moore, Academic Advisor
Marcia Ladendorff, Instructor
(904) 620-2649

The Honors Program at the University of North Florida offers talented students a unique approach to higher education. Averaging only 20 students, Honors seminars apply active learning in interdisciplinary settings. The goal is to build a community of learners who have the power to take their learning outside the classroom, enabling them to take what they read in their text and apply it to the outside world. Academically, there are two divisions in Honors offering three degree designations: University Honors for lower division students, Interdisciplinary Honors or Honors in the Major for upper division students.

Honors Education

With a motto, "Bridging the Gap between Education and Experience" the Honors Program is centered on the idea of making learning active, participatory, and relevant. Honors classes provide these experiences in the classroom and outside through activities such as projects and field trips. The next steps include service learning in the community, thesis research projects, internships, or study abroad opportunities.

The Learning Objectives of the Honors Program are designed to help students be successful in any major or career interest:

1. Critical Thinking
2. Creative Thinking
3. Communication
4. Leadership, Teamwork, and Citizenship
5. Understanding the Nature and Diversity of Cultures

The Honors Program presents an exciting diversity of courses, professors, and types of learning experiences. In the

fourth semester at UNF, Honors students have the opportunity to connect and personalize these objectives through the Honors Portfolio. The Honors Portfolio is a paper or project that gives students a chance to reflect on what they have learned and to express their unique learning experience.

Student Empowerment and Leadership

The Honors Program promotes the development of student leadership by providing students with a variety of outlets to put leadership skills to practice. The Honors Program strives to empower students by guiding them to lead and giving them the voice to make choices that affect the entire program. Students are provided with challenges that allow them to affect their education, such as: holding seats on the Honors Council and participating in the establishment of policies for the Program; identifying curriculum needs and working with faculty and staff in shaping the direction of courses; representing the student body needs by sitting on the Honors Student Union. Additionally, we allow opportunities for students to work closely with faculty and instructors to design and facilitate Service Learning colloquia as well as many seminars. They design, plan, and implement an Honors Orientation for incoming Honors students each fall. Students create and print the Honors magazine "Challenge by Choice." They also have created the Community Scholar Program, a mentoring program to benefit at-risk high school students in the Jacksonville area. This is just the beginning of student leadership at work within the Honors Program; with every new student comes new possibilities.

Experiential Learning

Students and teachers take a hands-on approach to their subjects, moving education beyond the classroom walls and into the surrounding community to make connections between theoretical ideas and the real world. For example:

- Students studying about public policy and children's issues travel to the state capital to speak first-hand with lawmakers who make the policy.
- A class on Eastern Europe takes a 10-day trip to Prague to experience the culture of that city firsthand.
- The main project for a History class is the creation of a museum exhibit; the entire class travels to Washington, D.C. to learn museum methods from the staff of the Smithsonian Institute.
- An Honors class studies the politics of West Africa by traveling to Ghana for three weeks.

Honors Students Tour a "Slave Castle" in Ghana, West Africa



Service Learning

The Honors Service Learning Program provides an opportunity for students to make academic connections between the University and the world through service experiences. This opportunity is designed to promote students' development into true citizens and leaders of the community. Students participate in service projects and placements—tailored to meet actual community needs. The Honors Program is committed to extending learning beyond the classroom through a reflective service curriculum which encourages students to use their newly acquired skills and knowledge in real-life situations throughout their academic career.

Service Learning is just one form of experiential learning practiced in Honors. The service that students engage in allows them a unique opportunity to get an inside perspective on many issues with which our society currently struggles. Once back in the classroom, students combine their service experience with traditional texts to examine the dissonance between different ideas through reflective dialogue in order to reach a new or deeper understanding.

Some examples of service learning opportunities include:

- The Community Scholars Program. An Honors student created mentoring program for at-risk high school youth as a means to understanding the barriers to success in their lives.
- In an effort to understand children's health issues, students take a trip to Washington D.C. for spring break, to work with children in the burn unit of the Health Services for Children Pediatric Center.
- Students are partnered with refugee families who have just arrived in the United States and help the families learn and adapt to the American culture while examining the impact of displacement of individuals on politics, health, homelessness, and employment.

Interdisciplinary Course Work

Students and teachers actively pursue answers to the age-old question: "What does this have to do with life in the real world?" In striving to find answers to the complex problems we face today, seminars bring the perspectives of two or more different academic disciplines to bear on the subject at hand. For example:

- Students studying the relationship between 16th century French explorers and Florida's Timucuan Indians learn what it's like when two people from drastically different cultures meet; the seminar combines Anthropology, History, and Literature to open students' eyes to cultural issues.
- Students exploring issues surrounding moral decision-making in the 21st century learn from a diverse group of community leaders about how they make difficult choices and decisions. The issues cut across disciplines ranging from Political Science to Business to Sociology. Students create their own moral decision-making text.

Honors Opportunities

Joining the Honors Program at UNF affords students opportunities which are often life-altering. For example:

- Students who produce thought-provoking academic work get the chance to present their projects at Honors conferences at the national, regional, and state levels.
- Students join faculty in international travel, learning to "read" different cultures as they would a text.
- Students explore career options in intensive, semester-long internships in the nation's capital.

Honors Program Fees

Experiential Learning Fee

Pursuant to §1009.24 (g) & (k), Florida Statutes, the University charges Honors students a \$200 fee to offset specific, identifiable increased costs to the University for off-campus course offerings as well as materials and supplies consumed in the course of Honors students' instructional activities. This is a one-time fee charged to all entering Honors students. The fee supports special activities and opportunities for Honors students, including orientation, student events, recognition ceremonies, and class trips. The fee is non-refundable and is due at the first advising session. Please make checks payable to the UNF Honors Program and be sure to include the student's name and phone number on the check.

Wild Florida Course Fee

For students enrolled in the Wild Florida course (IDH 1002 CRN:81096), there is a \$50 fee to cover the costs of field trips and supplies.

Admission to the UNF Honors Program

Admissions policy for "first time in college" students

The Honors Program is highly selective, admitting fewer than 15 percent of the entering freshman class for participation. The program recruits and admits students whose scholastic performance demonstrates an enthusiastic and curious approach to learning. We look not only for students who have high grade point averages and test scores, but also for students who have sought out the most challenging high school courses, are leaders in their school and community, and give back to the larger community through service.

All prospective students must begin by applying to UNF. Graduating high school seniors are encouraged to apply to the Honors Program if any of the following criteria are met:

- Top 10 percent of class
- SAT score is 1200 or above or ACT is 26 or above
- Recalculated UNF GPA is 3.5 or higher
- International Baccalaureate or Advanced Placement Credit
- Outstanding writing and analytical skills

To apply, students must submit the University Honors application and complete all required sections of the application. Application deadlines for University Honors are June 1 (for fall term enrollment) and December 5 (for spring term enrollment). The Honors Program is a limited access program and spaces are filled on a first-come-first-served basis. After our student capacity has been met, students who are admitted into the program will be placed on a wait list.

Admissions policy for transfer students or current UNF students

Students who did not join the Honors Program as a freshman or are transferring from another school may still join the program by participating in a thesis track.

To apply, students must submit the upper level application and complete all required sections of the application. Application deadlines are June 1 (for fall term enrollment) and December 5 (for spring term enrollment).

Interdisciplinary Honors Admissions Requirements

Students entering Interdisciplinary Honors must have a minimum GPA of 3.4 and have between 45 and 75 credit hours.

Honors-in-the-Major Admissions Requirements

The following are the minimum requirements for Honors-in-the-Major. Depending on the major, there may be additional requirements. Students should contact their upper level advisor or the undergraduate research coordinator to obtain additional information.

Brooks College of Health

All Majors: Completed the core course work of one of the Brooks College of Health's major programs with a minimum 3.5 GPA.

Coggin College of Business

All Majors: A cumulative GPA of 3.5 or higher in all college course work.

College of Arts and Sciences

Biology: An overall GPA of 3.5 or higher, completion of at least three natural science courses with a grade of no less than a "B."

Chemistry: An overall GPA of 3.5 or higher, completion of at least three natural science courses with a grade of no less than a "B."

History: Completion of four history courses with an overall GPA of 3.5 or higher.

Mass Communication: An overall GPA of 3.5 or higher, completion of MMC 3105 and MMC 3422 with a "B" or above.

Mathematics and Statistics: Completion of Calculus I and II, and one other mathematics or statistics course at the 3000 level, with an overall GPA of 3.4 or higher and a major GPA of 3.25 or higher.

Philosophy: At least four philosophy courses including at least two at the upper level, and an overall GPA of 3.5 or better.

Psychology: Completion of at least three psychology courses, with a grade no less than a "B," and an overall GPA of 3.67.

College of Computing, Engineering & Construction

All Majors: Completion of the core course work in one of the college's major programs with a GPA of at least 3.5 and a cumulative UNF GPA of 3.4 or higher.

Lower Division Honors

University Honors: is the track lower-level students enroll in during their first two years at UNF. Students take a minimum of 14 hours of Honors course work. Honors seminars are "special topics courses" that change each term. Freshmen and sophomores use most of these special topics courses to replace general education requirements at the lower division. The program is, however, much more than just course work. Opportunities exist for leadership development, program planning, and student activities. After successfully completing University Honors, students may enroll in one of the upper-level Honors tracks.

Upper Division Honors

Honors-in-the-Major: is designed to allow students to prepare a thesis or research project with a faculty mentor. Honors-in-the-Major is available in the following areas: Biology, chemistry, mass communications, history, mathematics & statistics, philosophy, psychology, all majors in the Coggin College of Business, all majors in the College of Computing, Engineering, and Construction, and all majors in the Brooks College of Health.

Interdisciplinary Honors: allows students to pursue a research project that is broader than any single major or department. Interdisciplinary Honors is open to all UNF students, regardless of major. This track is for students who value responsibility, collaborative work, and complex questions.

Graduation through the Honors Program

University Honors: To successfully complete the lower-level Honors track, students must take a minimum of 14 hours of Honors seminars and post a 3.4 cumulative GPA or higher the semester prior to graduation. Students must also submit a passing Honors portfolio. "University Honors" appears on both the

transcript and diploma. Note: "University Honors" is different from the Latin Honors distinction.

Interdisciplinary Honors: To successfully complete this upper-level Honors track, students must complete eight hours of Honors course work and maintain a cumulative UNF GPA of 3.4 or higher. "Interdisciplinary Honors" appears on both the transcript and diploma.

Honors-in-the-Major: To successfully complete this upper-level Honors track, students must complete eight hours of Honors course work and maintain a cumulative UNF GPA as specified by their major. "Honors-in-the-Major" appears on both the transcript and diploma.

Baccalaureate Honors: If a student has met both the lower-division Honors requirements [University Honors] and upper-level Honors requirements [either Interdisciplinary Honors or Honors-in-the-Major], he/she will earn the highest of UNF Honors: Baccalaureate Honors. "Baccalaureate Honors" will appear on both the transcript and diploma.

Course Work: University Honors

REQUIREMENTS: A minimum of 14 hours of Honors (IDH) course work is required. Students are encouraged to take more.

IDH 1XXX	6	G(6) Honors Seminar
IDH 3XXX	1	G(3) Service Learning
IDH 2XXX	3	G(3) Honors Selected Topics
IDH 2XXX	3	G(3) Honors Selected Topics
IDH 3951	1	Honors Portfolio

Course Work: Interdisciplinary Honors

REQUIREMENTS: Eight hours of Honors (IDH) course work is required.

IDH 3922	1	Thesis Research Prospectus Colloquium
IDH 4970	3	Honors Thesis
IDH 4970	3	Honors Thesis
IDH 3XXX	1	Thesis Symposium Colloquium

Course Work: Honors in the Major

REQUIREMENTS: Eight hours of work in Honors (IDH) and the major are required.

IDH 3922	1	Thesis Research Prospectus Colloquium
IDH 3XXX	1	Thesis Symposium Colloquium
XXX 4XXX	6	Honors Research in the Major

Course Listings

CHM 4970 - G(3) Honors Research v. 1-6

Prerequisites: Admission to the Honors-in-the-major track in chemistry and CHM 4910. The course provides a vehicle for students to work closely with a sponsoring faculty member on an individually supervised research project. The student will prepare an Honors thesis, which will be presented

at a departmental seminar. Students must enroll for six hours total, which will usually be spread over two semesters.

CIS 2935 - G(3) Honors Special Topics in Computer & Information Science 3

Topics are reflective of state-of-the-art computing and selected from among those particularly suited to sophomore-level Honors students.

CIS 4910 - G(3) Honors Research in Computer & Information Science 3

Prerequisite: Admission to the Honors-in-the-major track in computer and information sciences. Research leading to the Honors project/thesis under the supervision of a faculty member.

GEB 4910 - G(3) Honors Research in Business Administration v. 1-3

Prerequisite: Acceptance to the Honors-in-the-major track in business administration. Allows students to perform research in an area of interest. May be repeated for credit.

HIS 4970 - G(3) Senior Honors Thesis v. 3-6

Prerequisite: Acceptance to the Honors-in-the-major track in history. Research and Honors thesis writing under supervision of a department committee. May be repeated for a maximum of six credits.

HSC 4910 - Honors Research v. 1-3

Prerequisites: HSC 4730 and admission to the Honors-in-the-major track in the Brooks College of Health. 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 three hours total.

IDH 1002 - G(6) Honors Seminar II 6

Prerequisite: Admission to the University Honors track. An interdisciplinary exploration of modern culture and society. How do people live and interact; what questions do we ask of our world and how do we answer; how do the arts and culture reflect/define the world; what are the relationships between past and present? Enrollment limited to Honors students.

IDH 1107 - G(6) Art of Communication 6

Prerequisite: Admission to the Honors Program.

Communication is: a commitment to reveal, deceive or withhold; to withdraw or share; to persuade; to survive. Conducted effectively, communication can lead to success in all endeavors. Conducted ineffectively, it is at the core of all failure. Communication is about more than just speaking; it's about knowing the rules, understanding the nature of the culture in which you are communicating, receiving the unspoken message, and perhaps most important, listening. This course will explore all of the above plus how body language, gossip and even swearing affect communication. We'll look at communication between two people as well as communication within a large organization. And we'll have ample opportunity to look at our own communication styles and learn strategies to make those styles work better for us. It's a course designed to open our eyes to the complexities of something we do almost every waking moment of every day. When the semester is over, students should have a new appreciation for effective communication.

IDH 1933 - Honors Special Topics 3

Prerequisite: Admission to the Honors Program. This course will present selected interdisciplinary topics. Subjects will vary according to instructor. This course may be repeated up to four times for a total of 12 credits under different topics.

IDH 2113 - G(3) Disturbing Philosophic Questions 3

Prerequisite: Admission to the Honors Program. This seminar will examine such perennial philosophic questions which continue to provoke our hearts and minds. We will explore a variety of ethical, metaphysical, and epistemological issues, with an emphasis on doing philosophy — that is, thinking, writing, and speaking clearly and critically. We will cultivate the art of Socratic dialogue and the science of crafting a rational argument, whether written or rhetorical. Students will have an opportunity to present a philosophic thesis to the class and defend it against other students' counter-arguments and to engage in formal debates. This seminar is not for the faint hearted or weak minded: we will challenge our common beliefs and assumptions, and learn to value provocative and significant questions.

IDH 2122 - G(3) Science, Technology & Society 3

Prerequisite: Admission to the Honors Program. This course will explore the interactions between scientific research, technological developments, and human society.

IDH 2124 - G(3) Theory & Politics of Multiculturalism 3

Prerequisite: Admission to the Honors Program. This course will introduce you to the philosophical and political debate concerning multiculturalism. Currently, our societies undergo a major change with regard to their cultural and social self-understanding: issues like cultural homogeneity, equality, individual rights and social integration are no longer accepted as unproblematic ideals of a liberal democratic society. Rather, or so many argue, the "multicultural" fact of cultural, social and sexual diversity needs to be addressed with new ethical, conceptual and political tools. The course discusses and analyzes the most interesting arguments and proposals in that ongoing and important debate, and will provide a sustained and encompassing introduction to its perspectives.

IDH 2130 - G(3) Maya: History of Mesoamerica 3

Prerequisite: Admission to the Honors Program. This course covers more than 2,000 years of Maya history, from the pyramids of the past to the persecution of the present. During the semester we will chart the course of the cultures and societies, the political and ethnic struggles, the triumphs and tragedies of the Maya peoples from the earliest settlements to the present day. Time will be devoted to three periods in Maya history: "Civilization" (the 3rd century B.C. to the 16th century A.D., with our focus primarily on the era of the great city-states, roughly the 3rd to 15th centuries A.D.); "Conquest and Colonization" (16th through 18th centuries, with our focus on Maya responses to the Spanish invasion of the 16th century); and "Reconquest" (19th and 20th centuries, with our focus on how the Maya have experienced and accommodated the often-hostile modern western world).

IDH 2403 - G(3) Realities of the Quilt: HIV/AIDS 3

Prerequisite: Admission to the Honors Program. HIV and AIDS do not simply involve a disease. They involve people, real live people — our family members, friends, and coworkers.

This course examines psychological, sociological, biological, and physiological consequences of the HIV virus. Students will engage in research in and discussions of the relevant issues related to the disease and its effect on the individual, the family, and society as a whole. Students will be well informed about the transmission, prevention, and treatment of the virus.

IDH 2405 - G(3) It's Not Just Black & White: Prejudice 3

Prerequisite: Admission to the Honors Program. Prejudice is not simply an expression of racial discord, but includes inequitable feelings and behaviors targeting many different groups. Dissonance exists between generations, between the sexes, between socioeconomic groups, between ethnic and religious groups to name a few. Who engages in prejudice? How does it develop? What can be done about it? This course examines psychological and sociological mechanics in the development of prejudice as well as the consequences of related behaviors. Students will engage in research and discussions of relevant issues related to prejudicial attitudes and the effects on the individual and society as a whole. Students will also examine mechanisms of attitude change which may be employed to reduce prejudicial behavior. In addition to research and discussion based classes, students will be guided through the process of producing a presentation suitable for a professional conference.

IDH 2406 - G(3) Psychosocial Aspects of Violence 3

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.

IDH 2407 - G(3) Men, Masculinity & Manhood 3

Prerequisite: Admission to the Honors Program. Men... a simple word that means so many different things to different people, and that in the modern era is laden with subjective feelings about gender and masculinity. This course will explore the male experience from a variety of perspectives, but focusing primarily on social scientific views of masculinity. We will look back in time, across cultures, and at ourselves to explore the diversity of masculinities and how they influence other realms of social life for men and women.

IDH 2409 - G(3) Sexuality & Spirituality 3

Prerequisite: Admission to the Honors Program. This seminar explores the various lenses of love and their effect on friendship, dating, marriage and sex. We will explore love in historical, philosophical and religious literature while considering the findings of modern psychology. We will examine love in the media including popular songs, movies and television while pondering the images of love offered by our culture.

IDH 2442 - G(3) Media Literacy 3

Prerequisite: Admission to the Honors Program. This course is designed to help you see the real impact T.V. has on our culture. Its intent is to make you more critical receivers of information delivered to you by the television. We will hear from those who make television programming and we'll visit some of the television stations and production studios where issues that touch our lives are compressed into ten second sound bites and minute long packages. We'll hear how the

technology is changing and what that means for our future. And we will put our favorite shows under a microscope to see what hidden messages lie behind the screen.

IDH 2930 - G(3) Live Music in Jacksonville 3

Prerequisite: Admission to the Honors Program. This course is designed to cultivate an understanding and intelligent enjoyment of classical music through a study of its elements, forms, history and presentation. The vehicle used for this in depth look and listen will be the Jacksonville Symphony. Additional areas of interest will also be incorporated into the class as time permits. These will include improvisations through jazz elements and contemporary chamber music using the UNF Percussion Ensemble as a model.

IDH 2934 - Honors Special Topics 3

Prerequisite: Admission to the Honors Program. This course will present selected interdisciplinary topics. Subjects will vary according to instructor. This course may be repeated up to four times for a total of 12 credits under different topics.

IDH 2935 - G(3) Honors Selected Topics 3

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.

IDH 3352 - Florida As Text: An Ecological Inquiry 3

Prerequisite: Admission to Honors-in-the-Major or Interdisciplinary Honors. This is an academic experiential learning seminar that will examine Florida as a "text" which can be read and interpreted on different levels. Our inquiry will be interdisciplinary, integrating the methods and knowledge of history, geography, literature, biology, art, oceanography, anthropology, sociology, economics, politics, and space science. As an environmentally based course, we will focus on the natural and social ecologies of the state. The core of the seminar will be a two-week "field research" tour of Florida.

IDH 3408 - Leadership in Contemporary America 3

Prerequisite: Admission to Honors Program. This seminar will seek to describe and understand how the nation's leadership dealt with this historic era (1939-1968). A cursory overview of the leadership personalities subsequent to 1968 will also be conducted at the conclusion of the course.

IDH 3621 - The Healing Arts 3

Prerequisite: Admission to the Honors Program. We will explore the classical traditions of medicine and their re-interpretation during the Protestant Reformation and the Scientific Revolution. Students will discover and analyze the tents of Galen, whose humoral system monopolized medicine for over a thousand years. They will learn about the role of the Church in regulating certain medical activity and why the arrival of religious reform challenged Galenic thought. Control of the medical marketplace by elitist physicians persisted until the 17th century, shutting out surgeons, apothecaries and other irregulars (including midwives and wise women) from licensed responsibility. Students will read about the era of empiricism, ushered in by the arrival of New World medicaments, which buttressed the search for specific cures. They will examine

some of the publications that broke open the secrets of the medical profession so that, as the title of one such tract suggests, every man became his own doctor.

IDH 3630 - G(3) Service Learning: At-Risk Youth 1

Prerequisite: Admission to the Honors Program. During this colloquium, students will experience service through The Bridge, a non-profit organization, which helps at-risk youth in Jacksonville. All students will participate in service at The Bridge, facilitating after-school programs one day per week (Monday-Friday). Students will have the opportunity to work in small groups with other Honors students and plan activities with the youth that will supplement programming at The Bridge and meet the needs of the children. Programs can include such things as service, athletics, tutoring, clubs and other activities. Planning weekly educational programs for youth is critical but this alone does not constitute service learning; it is how one integrates this experience into themselves and their thinking. Unlike volunteerism, this service learning colloquium will provide a structured environment and exercises, which will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with our experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning colloquium, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3631 - G(3) Service Learning: Health Issues 1

Prerequisite: Admission to the Honors Program. During this colloquium, students will experience service at St. Luke's/ Mayo Clinic hospitals. All students will participate in service at an assigned department within the hospital, helping staff and patients four hours per week. Students will have the opportunity to apply and select their area of interest, where they can learn first-hand issues facing health care providers and recipients. Weekly service is important but this alone does not constitute service learning; it is how students integrate this experience into themselves and their thinking. Unlike volunteerism, this service learning colloquium will provide a structured environment and exercises that will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with our experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning section, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3632 - G(3) Service Learning: Environmental Issues 1

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. Unlike volunteerism, this Service Learning course will provide a structured environment and exercises that will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with our experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning section, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3633 - G(3) Service Learning: Refugee Issues 1

Prerequisite: Admission to the Honors Program. During this colloquium, students will experience service through Lutheran Social Services, a non-profit organization. Students will be matched in pairs with recent Bosnian refugees and have the opportunity to work closely with their families and build relationships, easing the transition into the United States. Serving weekly with families, students will learn first-hand the perils faced by recent immigrants and assist in their adjustment process. This alone does not constitute service learning; it is how one integrates this experience into themselves and their thinking. Unlike volunteerism, this service learning colloquium will provide a structured environment and exercises that will allow students to reflect upon their experiences and how they are learning from their environment. Service Learning is logically consistent with our experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning colloquium, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3635 - G(6) Service Learning: Alternative Spring Break 1

Prerequisite: Admission to the Honors Program. During this colloquium, students will have the opportunity to participate in the UNF Honors Program Alternative Spring Break to a location outside of Jacksonville. We will be serving at various non-profit organizations during this week, learning about the services they provide and discovering how the needs of the community are met or not met. Our focus will vary depending on the geographic location of the city and the issues facing the various service sites. We will study the city we visit and its history — past and present as well as examine our own history and identity.

IDH 3636 - G(3) Service Learning: Domestic Violence 1

Prerequisite: Admission to the Honors Program. During this course, students will experience service at the domestic violence shelter, Hubbard House. All students will participate in service at the shelter, based upon the training you take, you may work with the domestic violence survivors, their children and/or the batterers. Students will learn during the first class their options of service and the training dates at the shelter. Volunteering at domestic violence programs weekly is critical but this alone does not constitute service learning; it is how one integrates this experience into themselves and their thinking. Unlike volunteerism, this service learning course will provide a structured environment and exercises that will allow students to reflect upon their experiences and how they are learning from

their environment. Service learning is logically consistent with the experiential curriculum within the Honors Program. Expect to serve in an exciting and engaging environment where you will perform substantive work. Through this service learning section, students will enhance their skills, become far more conscious of the different environments in which they learn and consider the value of giving back to their community.

IDH 3637 - G(3) Service Learning: Jaguars Mentoring 1

Prerequisite: Admission to the Honors Program. The Nike/Jaguars Foundation Community Scholars Program is an incredible partnership between the Jacksonville Jaguars Foundation and the University of North Florida Honors Program. You have been selected to be mentors in this program which helps “at-risk” students achieve the necessary skills to enter and succeed in college. Since you have recently navigated the maze to enter and succeed in college, you now have the chance to share your skills and knowledge with someone else. Paulo Freire, a Brazilian community organizer said: “We make the road by walking”, and that is what each of us will do this semester. As we walk through the challenges together of developing a mentoring and scholarship program, working with unique individuals and facing dilemmas and opportunities, we will create our own path and road. We will build this program from the progress of the first group of mentors (1998-1999), but realize that this is our program that we will create together. This is an incredible gift and responsibility.

IDH 3920 - G(3) Honors Colloquium 1

Prerequisite: Admission to any track of the UNF Honors Program. Special colloquium sections for students in the Honors Program. The subject of each section varies, but always includes Inquiry into Learning and Service Learning.

IDH 3921 - Honors Colloquium II 1

Prerequisite: Admission to the Honors Program. This course will present selected interdisciplinary topics. Subjects will vary according to instructor. This course may be repeated up to five times for a total of five credits under different topics.

IDH 3922 - Thesis Research Prospectus Colloquium 1

Prerequisite: Admission to Honors-in-the-major or Interdisciplinary Honors. This colloquium will prepare you to begin your senior thesis research and write a successful research prospectus. Topics include thesis types and format, the role of faculty advisors, stating the problem, research methodologies, reviewing the literature, how to cite sources, making interdisciplinary connections, the time line for completion, and writing the prospectus. Please note that all Honors thesis students must have their research prospectus approved by the Honors Council before enrolling in IDH 4970 to complete their senior thesis.

IDH 3932 - Jr. Honors Interdisciplinary Seminar 3

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.

IDH 3951 - Honors Portfolio **1**

Prerequisite: Admission to the Honors Program. This course is designed to guide you toward producing a successful sophomore portfolio in order to be awarded the distinction of University Honors. Producing the portfolio is an opportunity to reflect on — and articulate — your personal and academic growth during your first two years in the UNF Honors Program. It is a meaningful artifact that documents your achievements and demonstrates your understanding of the honors objectives. The course provides guided exercises, resources, and structure in order for students to successfully complete this endeavor. This course is a pass/fail course.

**IDH 4945 - G(6) Honors Practicum:
Washington Center** **v. 3-6**

Prerequisite: Admission to any track of the UNF Honors Program. This course provides a supervised, full-time field experience in the nation's capital through The Washington Center.

IDH 4970 - Honors Thesis **3**

Prerequisite: Completion of IDH 3932. Corequisite: Maintain a 3.4 UNF cumulative GPA. A senior-level, directed research and thesis-writing experience in which the student works with a faculty mentor to produce a thesis or special project. The thesis or project will be evaluated by both the mentoring faculty member and two members of the Honors Council.

**MMC 4424 - Honors Research in
Mass Communications** **3**

Prerequisites: Admission to Honors-in-the major for mass communications, MMC 3422 and MMC 3105 with "B" or higher. Honors research in mass communications enables students to conduct research in mass communications under direct supervision of qualified faculty. Students develop their ideas, conduct appropriate research, and write an extended research report. GPA of 3.5, enrollment in Honors Program, and enrollment in B.S. in Mass Communication required.

NUR 4917 - Honors Research **v. 1-3**

Prerequisites: NUR 4165 and admission to the Honors Program in the Brooks College of Health. This course provides a vehicle for upper division nursing students to work closely with a faculty member on a research utilization or faculty research project. Students must enroll for three hours TOTAL credit over one or more semesters. May be repeated for a total of nine credits.

PSY 4904 - G(3) Honors Research **v. 1-6**

Prerequisites: Admission to the Honors in Psychology Program, PSY 3214, and one experimental course. 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.

Freshman and Sophomore Programs

Freshman and Sophomore Programs

The University of North Florida enrolls a limited number of well-qualified students in its freshman and sophomore classes. These four-year baccalaureate students must fulfill the University's General Education requirements and satisfy the College-Level Academic Skills Test (CLAST) unless exempt, before entering upper level.

Admission

Because the University's freshman and sophomore classes are limited in size, admission is on a selective basis. For information about admissions criteria and applications, consult the Admissions section of this catalog.

Academic Testing and Placement

Entering freshmen are subject to mandatory entry testing and placement, in compliance with Rule 6A-10.315. Pending SAT and/or ACT scores it may be necessary for students to take additional placement tests in the area of Reading, English and/or Math.

Academic Advisement

The Academic Center for Excellence (ACE) provides professional academic advising for all freshmen and sophomore students. First-Time-In-College (FTIC) students are required to attend Freshman Orientation prior to enrolling in their first term at UNF. Special arrangements may be made for out-of-state or out-of-country students by contacting the center at (904) 620-1012.

Limited Concurrent Enrollment Hours for Lower Division Students:

Concurrent Enrollment for lower division students (those who matriculate with less than 60 hours) is limited to seven semester hours at another regionally accredited institution, pending academic advisor approval. Students needing to satisfy the Florida Board of Education 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 11 State University System of Florida institutions during one or more summer semesters. A student may be approved for seven hours of concurrent enrollment at another regionally accredited institution OR they may be approved for up to nine hours at an SUS institution to fulfill the summer residency requirement, but they may not be approved for both. Exceptions to this policy may be approved for students participating in Study Abroad opportunities and for students facing other extenuating circumstances.

General Education Council

The General Education program at UNF is governed by the General Education Council comprised of faculty members, and chaired by the dean of the College of Arts and Sciences or designee (non-voting). The council's voting membership consists of nine voting faculty members. This voting membership consists of college representatives (five), one selected from each college, and representatives elected by the Faculty Association (four), one from each of the four generic areas of humanities, social sciences, natural sciences, and mathematical sciences. The four representatives elected by the Faculty Association are to be chosen from among the faculty actually teaching general education courses, interpreted to mean that at time of election either currently teaching a course fundamentally general education, or having taught such a course during the preceding year. For a faculty member elected by the Faculty Association, their term on the council is for two years, and may not exceed two consecutive terms. Terms are to be staggered so that half of the council's members that are elected by the faculty association are elected each year. The purview of the General Education Council includes issues of general education policy, the general education curriculum, general education courses not identified with a specific discipline, an on-going assessment of the General Education Program, and oversight responsibilities for the Associate in Arts degree Program. The dean of the College of Arts and Sciences or designee is responsible for administering the policies and curriculum as determined by the General Education Council, and joins with the council in monitoring budgetary issues related to general education. The General Education Council meets monthly and otherwise as necessary to respond to issues of curriculum and policy regarding general education.

General Education Program

The three traditional components of undergraduate education are: 1) the General Education program; 2) the academic major; 3) a minor and/or electives. A key purpose of General Education is to provide the components of a liberal education that develop and cultivate the capacities required for effective social, intellectual, and cultural engagement in a diverse democratic society and global environment. The General Education program provides the opportunities to gain skills, knowledge and values that support full social participation and citizenship. One must have the critical analytical and communication skills, as well as knowledge of the natural, social, and quantitative sciences to

understand and argue the important issues of the day. Furthermore, these issues call for aesthetic and ethical values and reflection that are developed most profoundly through the arts and humanities. In the major, the principles of liberal education are further developed as students examine a specialized field in depth and develop knowledge in preparation for a career. By their choice of a minor and electives, students are able to pursue additional or supplemental areas of intellectual interests.

The skills, knowledge and values that are the aims of General Education are objects of life-long pursuits. The General Education curriculum that follows is designed to facilitate that pursuit and encourage the dispositions of minds that will sustain it.

English Composition: 9 Credits

Required:

ENC 1101	G(W) College Writing*	3
LIT 2000	G(W) Introduction to Literature**	3
LIT 2932	G(W) Themes & Types in Lit.	3

All three courses focus on textual analysis and written reasoned argument. ENC 1101 addresses a variety of non-literary texts in an introductory course in critical reading and writing. LIT 2000 provides a general introduction to literature and makes of literary texts in three genres — fiction, poetry, and drama — the subject of analysis, the occasion for argument. LIT 2932 provides a focused investigation of a particular theme or type of literature and advanced practice in analysis and argument. These courses often include readings with a multicultural or gender emphasis. Each course requires college-level writing and must be completed with a grade of “C” or higher.

* ENC 1101 is a prerequisite for LIT 2000 and LIT 2932.

** LIT 2000 is a prerequisite for LIT 2932.

Mathematics: 6 Credits

Choose twp:

MGF 1106	G(M) Finite Math	3
MGF 1107	G(M) Explorations in Math	3
MGF 1113	G(M) Mathematics for Teachers I	3
MAC 1105	G(M) College Algebra	3
MAC 1147	G(M) Precalculus	4
MAC 1990	G(M) Intensive College Algebra	3
STA 2014	G(M) Elementary Statistics for Health & Social Sciences	3
*MAC 2233	G(M) Calculus for Business	3
*STA 2023	G(M) Elem Statistics for Business	3
	*(Prerequisite MAC 1105 or 1147)	
**MAC 2311	G(M) Calculus I	4
	** (Prerequisite MAC 1147)	
MAC 2312	G(M) Calculus II	4

At least one course must have a mathematical prefix. G(M) Courses must be completed with a grade of "C" or higher.

Humanities: 9 Credits

a. Choose one:

EUH 1000	G(W) Freshman Core I	3
EUH 1001	G(W) Freshman Core II	3

b. Choose one:

PHI 2010	G(W) Introduction to Philosophy	3
PHI 2100	G(W) Reasoning & Critical Thinking	3
PHI 2630	G(W) Contemporary Ethical Issues	

G(W) Courses in Part A and B will have 3,000 words of evaluated writing and must be completed with a grade of "C" or higher.

c. Choose one:

ARH 2000	Art Appreciation	3
MUH 2012	Enjoyment of Music	3
MUH 2017	The History and Apprec of Rock	3
MUH 2018	The Evolution of Jazz	3
ARH 2050	Art History Survey I	3
ARH 2051	Art History Survey II	3
*MUT 1111	Theory I	3

* Music department permission required.

Additional ARH/HUM/MUH courses may be taken to fulfill the non-applied fine art requirement.

Social Sciences: 6 Credits

Part A: Introductory Social Science. Choose one:

AMH 2020	U.S. History since 1877	3
CCJ 2002	Crime in America	3
ECO 2013	Principles of Macroeconomics	3
POS 2041	Introduction to American Government	3
PSY 2012	Introduction to Psychology	3
SYG 2000	Introduction to Sociology	3

Part B: CD - Cultural Diversity. Subject different from Part A. Choose one:

*ANT 2000	CD-Introduction to Anthropology	3
*GEO 2420	CD-Cultural Geography	3
ANT 2303	CD-Kinship and Family	3
ASN 2003	CD-Introduction to Asia	3
MMC 2701	CD-Communicating Across Cultures	3
PUP 2312	CD-Race/Gender/Politics	3
REL 2300	CD-Comparative Religion	3
SYG 2013	CD-Sex, Race and Social Class	3

* Can satisfy either Part A or Part B but NOT BOTH. A complete list of CD courses are listed with the online schedule each semester.

Natural Sciences: 6 Credits

Some majors require specific courses. Consult your advisor. Select two sciences for a total of six credit hours. At least one must be a lab science (courses including a lab are designated with a “C” in the course number).

Introductory Lab Sciences:

AST 2002	Astronomy	3
AST 2002L	Astronomy Lab	1
BSC 1005C	Principles of Biology	4
BSC 1010C	General Biology	4
BSC 1930	Current Applications in Biology	2
CHM 1025C	Introduction to Chemistry	3

CHM 2045C	General Chemistry I	4
ESC 2000C	Earth Science	3
* HUN 1001	Introduction to Nutrition Science	2
ISC 2074	Colonizing Space	2
PHY 1020C	Introduction to Physics	3
PHY 2053	Algebra Physics I	3
PHY 2053L	Algebra Physics I Lab	1
PHY 2048	Calculus Physics I	4
PHY 2048L	Calculus Physics I Lab	1
* Prerequisite	BSC 1005C	

Total 36 Credits

Lower-level students will have at least 24 semester hours available as electives within the first 60 hours. These electives should enable the interested student either to broaden his/her horizons or take the initial steps toward the major field of specialization.

This curriculum was planned to complement the special requirements of the University's existing majors and to provide a solid foundation for pre-professional programs. Successful completion of the 36 semester hours of the General Education requirements should enable the student to do well on CLAST. All the tested skills will be covered in the designated curriculum.

General Education Learning Outcomes: Given the purpose of general education, the success of the program depends on realizing a concrete set of expected outcomes. Those outcomes are as follows:

I. Skills:

Students should be able to:

A. think critically, reason soundly, and argue effectively, as demonstrated by the ability to:

1. analyze arguments according to standard criteria
2. assume and defend a position on a given topic
3. use systematic processes, including the collection and analysis of evidence, to form and support conclusions
4. read and analyze complex texts, including the analysis of rhetorical devices and modes of inference

Students should be able to:

B. demonstrate competence in the use of information technology, as demonstrated by the ability to:

1. locate, retrieve, and filter information using appropriate resources
2. use appropriate software for developing written and graphic materials and for organizing, analyzing, and presenting data
3. use appropriate network communications software

Students should be able to:

C. communicate effectively, as demonstrated by the ability to:

1. write coherent analytical and persuasive papers using effective expression
2. speak with clarity and organization of thought
3. address diverse audiences

II. Knowledge:

Students should know:

A. the natural and designed world,

1. demonstrating a general knowledge of current scientific understanding of the history and nature of the universe, the earth, and of life forms
2. demonstrating a general knowledge of the methods and traditions of analysis in the natural sciences

Students should know:

B. the social, political, economic, and psychological world,

1. demonstrating a general knowledge of scholarly understanding of the range of social, political, geopolitical, and economic organization
2. demonstrating a general knowledge of human development, behavior, and health
3. demonstrating a general knowledge of American politics and society, including the experience of significant minority groups
4. demonstrating a general knowledge of the methods and traditions of analysis in the social sciences

Students should know:

C. history, literature, art, music, and philosophy,

1. demonstrating a general knowledge of the nature, origins, and contributions of major civilizations
2. demonstrating a more detailed knowledge of formative influences in the recent past
3. demonstrating a general knowledge of the methods and traditions of analysis in the humanities

Students should know:

D. mathematical and quantitative reasoning,

1. demonstrating general knowledge of the breadth, power, development of major areas of mathematics
2. demonstrating proficiency in solving problems using mathematical concepts and quantitative reasoning

III. Values:

Students should value:

A. the creative arts, responding aesthetically in a sufficiently sophisticated way to both contemporary and past works from several cultures, including American

Students should value:

- B. the other, demonstrating an appreciation of the other sufficient to motivate an understanding of individuals and groups who differ in significant ways from the self, such as differences generated by race, gender, class, and culture in both domestic and international contexts**

Students should value:

- C. ethical behavior,**
 1. acquiring the knowledge and skills necessary for ethical judgment and its application to everyday life
 2. developing the habit of reflecting on their own values and fulfilling their ethical and civic responsibilities

Scholarship Opportunities for Freshmen

The University of North Florida offers a comprehensive scholarship program to attract and reward first-time-in-college students who have superior talent in academics, athletics, fine arts, and extracurricular activities. Among the programs available are National Merit/National Achievement Scholarships, Presidential and UNF Tuition Scholarships and a wide array of scholarships based on academic merit, as well as various Pathways to Success

Scholarships among others. For additional information, please refer to www.scholarships.unf.edu or contact One Stop Student Services at (904) 620-5555.

Freshman Interest Group (FIG) Program

Incoming freshmen at the University of North Florida have an opportunity to begin their collegiate experience by enrolling in a Freshman Interest Group (FIG) Learning Community. FIGs offer general education courses in thematically linked small-sized class settings. A FIG is a learning community of students registered for two or three courses linked to a common theme. FIGs provide a special opportunity for students to develop social and academic relationships with other students and have greater levels of interaction with faculty members. The only entry requirement for a FIG is freshman status. Few of the courses in a FIG have prerequisites. The enrollment for each FIG is limited to 27 students. Since almost all FIG courses are special sections of our regular general education courses, they will cover those specific content areas unique to that course, thus serving the objectives of general education, while also addressing the theme of the FIG.

The Honors Program

Please refer to the Honors section of this catalog.

The Undergraduate Academic Enrichment Program

Mary O. Borg, Director
(904) 620-1095
mborg@unf.edu

The Undergraduate Academic Enrichment Program (UAEP) at the University of North Florida offers several opportunities to enhance and enrich the educational experiences of all students. There are nine programs that the office supports.

Prestigious National Scholarships and Fellowships

The UAEP assists talented students in securing prestigious national and international scholarships and fellowships. Most of the scholarships and fellowships provide financial support for graduate study; however, a few provide support for the last two years of undergraduate study and for study abroad. The office provides mentoring, counseling, coaching, and editing to help students improve their chances of obtaining these competitive scholarships. The details of these scholarships can be obtained from the UAEP website at www.unf.edu/dept/scholar-programs.

The University Scholars Honor Society

The University Scholars Honor Society (USHS) is designed to provide additional intellectual opportunities to UNF's best students. Only students with 3.7 and higher grade point averages are invited to apply for membership, and only 30-40 students are selected for membership. Students in the Honor Society meet once or twice per month during the regular academic year to discuss current events, engage in public policy debates, hear nationally prominent speakers, attend cultural events, or participate in service projects. Applications can be downloaded from the UAEP website.

Undergraduate Research Program

A competitive grant process funds up to a maximum of \$1,500 (\$1,000 for the faculty mentor and \$500 for the student) to undergraduates who wish to conduct independent, scholarly or creative projects. Each grant recipient must have a faculty sponsor to guide the grant recipient's scholarly or creative project. Student grant recipients receive a minimum of three hours of directed individual study academic credit for undertaking their research projects. Grant applications are due on March 15 of each year and grant recipients must submit their final projects by May 1 of the following year. In April of each year, the Undergraduate Academic Enrichment Program in conjunction with the UNF Honors Program hosts a Poster Session in which the award recipients from



Elaine Reynolds Gause - Harry S. Truman Scholar 1998

Elaine is one of three Truman Scholars that UNF has achieved since the UAEP began. Truman Scholars receive \$30,000 to attend a graduate program that prepares them for a public service career. Elaine used her scholarship to earn a Master of Public Administration at the Kennedy School of Government at Harvard University. She is currently serving as the CEO of the Girl Scouts of America in Utah.

the previous year present the finished products of their research projects. The UAEP also publishes the Osprey Journal of Ideas and Inquiry, which includes the finished products of the research projects of all of the previous year's award recipients. To request copies of previous years' journals, contact Dr. Borg. Applications can be downloaded from the UAEP website.

Undergraduate Travel Grants

The UAEP sponsors a competitive grant process to award funds to students whose travel benefits the university by enhancing its reputation as a premier undergraduate institution of higher education. These grants are for a maximum of \$500 per year. Most students use the grants to pay their travel expenses to attend national and international conferences where they present their research to professional audiences. Applications can be downloaded from the UAEP website.

The "Other Club" Dinner-Debating Society

The University of North Florida is one of only four universities in the United States to have a chapter of the Other Club. Winston Churchill established the Other Club as a dinner-debating society that brings together people with diverse views for a friendly debate over a nice dinner. Churchill chose the name as a reference to a prestigious social club that already existed in England called the Club; thus, Churchill's club was the "Other Club." Meetings of the Other Club begin with dinner

followed by prepared speeches on a pre-determined topic by four members of the club. The topics are chosen by a vote of the club membership and usually are thought-provoking, though not strictly academic. Examples of some of the topics that have been discussed at previous Other Club dinners are: "Is American Society Getting Better or Worse?" and "Do Americans Work Too Much?" After the four prepared speeches are delivered, the floor is open to anyone who cares to comment. A toastmaster summarizes the debate. Attendance at the Other Club Dinners is by invitation. The student members of the University Scholars Honor Society are invited, and the students are encouraged to invite one of their favorite faculty members. Several prominent leaders in the Northeast Florida community are also invited. It is an excellent opportunity for the town and gown to come together in an intellectual and lively exchange of ideas.

The Great Decisions Program

Great Decisions is an international educational program offered to students at the University of North Florida and also to students at several area high schools. The program is offered jointly by the Undergraduate Academic Enrichment Program and the World Affairs Council of Jacksonville. The curriculum, developed by the Foreign Policy Association, includes "The Briefing Book," which contains eight non-partisan articles about current international issues, as well as the *Great Decisions* video series. The curriculum encourages discussion and debate among the students.

Intellectual Life Grants

The Undergraduate Academic Enrichment Program offers a number of competitive grants for improving the quality of intellectual life on campus. Faculty members may apply for funding to support activities and events that increase intellectual opportunities for undergraduate students at UNF. These activities and events may be associated with a class that the faculty member is teaching or they may be extra-curricular. Examples of some of the activities that have been supported in the past are class field trips to cultural or intellectual events, guest lectures, guest performances, and many others. The average amount of the awards is \$500, although larger amounts have been awarded. Priority is given to activities that benefit large groups of students on campus. Applications can be downloaded from the UAEP website.

The Face-to-Face Interview Series

Face-to-Face is an on-going series of in-depth conversations with prominent members of the Northeast Florida community. Past interviews have been conducted with Governor Jeb Bush, Wayne Weaver, owner and CEO of the Jacksonville Jaguars, Delores Kesler, founder of Accustaff, a temporary staffing firm that was purchased by Modis Corporation, and Jay Stein, founder of Stein-Mart. The interviews are conducted in a class that has a special interest in the specialty of the person being interviewed. For example, Jay Stein's interview was

conducted in a marketing class in the Coggin College of Business. Honor students and members of the University Scholars Honor Society are also invited to attend.

Career Connections

Once or twice per semester, the UAEP and the UNF Honors Program co-host an informal lunch with local leaders in a particular career field. All students who are interested in that career field are invited to attend. Past career fields have included law, medicine, banking, psychological counseling, and public relations. These are wonderful opportunities for freshman and sophomore students to explore what is required to enter a particular career field, and they are wonderful networking opportunities for students who are further along in their programs of study. To be included in these career lunches, contact Dr. Borg.

Washington Center & Other Public Policy Internships

A comprehensive internship program is open to all UNF students. Internships are available through the Washington Center Program (www.twc.edu/), which offers reduced tuition to students who are attending a state university in Florida. In addition to the Washington Center internships, the UAEP can also help students secure internships in Congress, the Florida legislature, U.S. embassies, national and international NGOs and city, state and federal government agencies. These internships can be arranged for varying amounts of time ranging from one to two months during the summer to a full semester. Student scholarships are available to help students fund these internship opportunities. For more information, contact Dr. Borg or Nancy Soderberg, director of Public Policy Initiatives.

College Bowl

The Undergraduate Academic Enrichment Program sponsors UNF's College Bowl Team (www.collegebowl.com/campus/info.asp). College Bowl, "The Varsity Sport of the Mind," has a long and illustrious history on television, on radio and on campuses. It is the world famous game of questions and answers played by two teams of competing students. College Bowl has provided the arena for the fastest minds in school to demonstrate their great skills under the fire of varsity competition. If you would like to be a member of the College Bowl Team, contact Dr. Borg.

UNF's Mock Trial Team

The UNF Mock Trial team is open to all UNF students, not just students who plan to pursue a legal career. Through engaging in trial simulations in competition with teams from other institutions, students develop critical thinking and public speaking skills, as well as a knowledge of legal practices and procedures. UNF's team competes in events sponsored by the American Mock Trial Association (AMTA), which sponsors regional and national-level competitions in addition to providing interesting and complex case materials for academic use. For more information about joining UNF's Mock Trial Team, contact Dr. Borg.

Brooks College of Health

Pamela S. Chally, Dean

Lucy B. Trice, Associate Dean
(904) 620-2810

The demand for highly educated men and women to fill a diversity of health related professional roles is rapidly increasing. The faculty of the Brooks College of Health is committed to meeting this need through high quality educational programs, research, and service that contribute to the knowledge base from which the solutions to contemporary health problems must be drawn. Of foremost importance in this endeavor is the educational preparation of responsible health professionals who will respond to the needs of the region served by the University of North Florida.

The college provides an administrative structure for all health related programs at the University within three units: the Department of Public Health, the Department of Athletic Training & Physical Therapy, and the School of Nursing.

Advisement

Each student must have an official program of study filed with the advising office of the college. Students must meet with an advisor concerning their program requirements as early as possible before registration for the first semester at UNF. The Brooks College of Health Advising Office is located in the Brooks College of Health Building, 39, Room 3025A. The phone number is (904) 620-2812.

Notes:

1. Prerequisites and programs of study may vary due to mandates and accreditation requirements. Students should contact the Brooks College of Health Advising Office for further information.
2. Brooks College of Health students who wish to pursue more than one minor should contact the Brooks College of Health Advising Office.

School of Nursing

Lillia Loriz, Associate Professor & Director, School of Nursing

Pamela S. Chally, Professor & Dean, Brooks College of Health

John P. McDonough, Professor & Director, Nurse Anesthesia Concentration, Associate Director, Graduate Studies in Nursing

Kathaleen C. Bloom, Professor, Associate Director for Undergraduate Studies in Nursing

Lucy B. Trice, Associate Professor & Associate Dean, Brooks College of Health

Tammy Carroll, Instructor & Assistant Director, Nurse Anesthesia Program

Jane McCarthy, Professor

Patrick Monaghan, Professor

Patricia H. Foster, Associate Professor

M. Catherine Hough, Associate Professor

Barbara Kruger, Associate Professor

Jan Meires, Associate Professor

Doreen Radjenovic, Associate Professor

Katherine Robinson, Associate Professor

Irma B. Ancheta, Assistant Professor

Susan McMarlin, Assistant Professor

Barbara Olinzock, Assistant Professor

Connie Roush, Assistant Professor

William D. Ahrens, Senior Instructor

Michele Bednarzyk, Senior Instructor

Peggy L. Hoff, Senior Instructor



Julie Baker-Townsend, Instructor
Judy Comeaux, Instructor
Linda Connelly, Instructor & Accelerated B.S.N.
Coordinator
Jonathan Pabalate, Instructor
Bonnie Pope, Instructor
Jane Sander, Instructor
Kristen Vandenberg, Instructor
Debra Wagner, Instructor & R.N.-B.S.N.
Coordinator
Mark Welliver, Instructor
Jurgen Osterbrink, Clinical Professor
Barbara Fletcher, Clinical Associate Professor
Nichola Kalynych, Clinical Assistant Professor
Linda Smith, Clinical Assistant Professor
Charlene Williams, Clinical Assistant Professor
Nancy Burk, Clinical Instructor
Corrine Hodak, Clinical Instructor
Mimi Holman, Clinical Instructor
Susan Leger-Krall, Clinical Instructor
Nancy Pitruzello, Clinical Instructor
Jeffery Spencer, Clinical Instructor
Dawn Welliver, Clinical Instructor
Cynthia Sorensen, Visiting Instructor
(904) 620-2684

Baccalaureate Nursing Program

The baccalaureate nursing program is accredited by the National League for Nursing Accrediting Commission and the Commission on Collegiate Nursing Education. The School of Nursing is committed to providing opportunities for students to pursue their first professional degree in nursing. The program is designed to encompass both liberal arts and professional studies. The primary goal of the program 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 program. Graduates are prepared to function not only as professional practitioners, but also as educated citizens capable of effecting and dealing with change in society. The program also provides a strong basis for continuing education and graduate study in nursing.

Graduates of the UNF baccalaureate nursing program:

1. Apply knowledge from nursing science, natural and social sciences, mathematics and the humanities when making clinical judgments in providing and designing care for individuals, families and communities.
2. Use the UNF Adaptation Framework as a basis for professional nursing practice.
3. Use critical thinking skills through the nursing process to promote, maintain and/or restore an optimal level

- of health for individuals, families and communities throughout the lifespan in a variety of environments.
4. Demonstrate beginning leadership and interdisciplinary collaboration skills in the provision, delegation, supervision, and coordination of care.
5. Participate in research, evaluate nursing interventions and outcomes, and integrate scientific findings into evidence-based professional nursing practice.
6. Demonstrate ethical professional behavior with patients, colleagues and others in fostering patient advocacy and professional accountability.
7. Incorporate in practice the professional nursing standards, effective written and verbal communication skills, and the use of media resources and information technology.
8. Establish goals for future personal and professional growth through commitment to lifelong learning.

Admission

The School of Nursing baccalaureate program admits students without a prior nursing degree (Traditional Prelicensure B.S.N. concentration) with a prior degree (Accelerated Prelicensure B.S.N. concentration), as well as those from associate degree and hospital diploma programs (R.N.-B.S.N. concentration). The application deadline for the Traditional Prelicensure B.S.N. concentration is January 15 for the May class and March 15 for the August class. The application deadline for the Accelerated Prelicensure concentration is January 15 for the May class. Students in all concentrations must meet the general requirements of the University relative to credit credits (at least 60) in lower-level courses, grade point average, and general education course distribution (see the Academic Policies section of this catalog). Part of the general educational and pre-professional course requirements may be met by the General and Subject Area Tests of the College-Level Examination Program (CLEP). Selected standardized tests and an interview may be used to assist in determining candidates for admission to the Prelicensure B.S.N. concentrations. Students should be aware that because admission to the Prelicensure B.S.N. concentrations is very competitive, completion of minimum requirements does not guarantee admission. Applicants to these concentrations should keep in touch with the School of Nursing admissions coordinator to ensure that they have current information about admission requirements.

All prelicensure applicants are required to complete the Test of Essential Academic Skills (TEAS) by Assessment Technologies Institute (ATI).

Nursing Accelerate Challenge Exam II (ACE II) is used to validate nursing knowledge of students in the R.N.-B.S.N. concentration for 30 credit credits of upper-level credit. The ACE II is administered by The Office of Academic Testing. The ACE II must be successfully

completed prior to enrolling in the first clinical course. Students in the R.N.-B.S.N. concentration may request exemption from the ACE II examination requirement by submitting to the R.N.-B.S.N. Coordinator one of the following:

1. documentation of successful completion of the NCLEX within two years immediately prior to acceptance and enrollment in the R.N.-B.S.N. concentration; **or**
2. for those whose successful completion of the NCLEX occurred more than two years ago, documentation of a minimum of one year of full-time clinical practice as a Registered Nurse in the three years immediately prior to acceptance and enrollment in the R.N.-B.S.N. concentration.

Forms requesting exemption from the ACE II examination may be obtained from the R.N.-B.S.N. Coordinator. Students who are admitted, do not enroll in nursing coursework, and then seek readmission at a later date, must resubmit the request for exemption. These 30 credits are awarded in the last semester of student's program of study.

The pre-professional courses required for admission to the nursing program fall within the general education course distribution required by UNF. A minimum grade of "C" must be earned in each pre-professional course and the overall GPA must be at least 2.9 on a 4.0 scale.

All students entering the nursing program will undergo a criminal background check.

R.N.-B.S.N. Curriculum Plan

Registered Nurse students majoring in nursing at UNF must maintain an active license as an R.N. in Florida. In addition, in order to participate in the clinical nursing courses, all students must have liability insurance coverage, CPR certification, tuberculin skin test or chest x-ray negative for tuberculosis, immunity for hepatitis B, a positive varicella titer, and a criminal background check. A health report must be completed prior to enrollment in clinical courses.

Major: Nursing

Concentration: Nursing-R.N.

Degree: Bachelor of Science in Nursing

Prerequisites (31 Credits)

Must be completed with a grade of "C" or higher.

- | | | |
|--|---|-------------------------------|
| SYG 2000 | 3 | Introduction to Sociology |
| SYG X000 or any Introduction to Sociology may substitute for SYG2000 | | |
| PSY 2012 | 3 | Introduction to Psychology |
| PSY X012 or any General Psychology may be substituted for PSY 2012 | | |
| DEP 3054 | 3 | Lifespan Developmental Psych |
| DEP X004 or any Human Growth & Development across the Life Span may be substituted | | |
| STA 2014 | 3 | G(M)Elem Statistics-Health/SS |

STA X014 or any Statistic course may be substituted for STA 2014

- | | | |
|--|---|-------------------------------|
| HUN 2201 | 3 | Basic Prin Human Nutrition |
| NUR X192 or any Human Nutrition course may be substituted for HUN 2201 | | |
| MCB 2010C | 4 | Microbiology |
| MCB X010C or any Microbiology with lab may be substituted for MCB 2010C | | |
| BSC 2085C | 4 | Human Anatomy & Physiology I |
| BSC X085C or any Human Anatomy & Physiology I or Human Anatomy | | |
| BSC 2086C | 4 | Human Anatomy & Physiology II |
| BSC X086C or any Human Anatomy & Physiology II or Human Physiology | | |
| CHM 2045C | 4 | General Chemistry I |
| CHM XXXX must be comprehensive College General Chemistry such as CHM X030 or CHM X032) but not lower level principles courses (such as CHM X025) | | |

Major Requirements (31 Credits)

Must be completed with a grade of "C" or higher. An academic advisor will review contents of the Curriculum Transition Packet (CTP) with student at the initial advising appointment. CT packets should be completed by the fourth week of the semester prior to registering for nursing curriculum (NUR course work). Students must meet with the R.N.-B.S.N. coordinator the semester prior to registering for courses in the nursing program to discuss course sequencing and scheduling information. A minimum 2.9 cumulative GPA is required for admission and enrollment in the R.N.-B.S.N. concentration.

- | | | |
|-----------|---|--------------------------------|
| NUR 3065L | 3 | Health Assessment |
| NUR 4827 | 3 | Leadership/Mgmt in Nursing |
| NUR 3619 | 4 | Family/Community Assessment |
| NUR 3082C | 4 | Transition Concepts/Practice |
| NUR 3166 | 1 | Nursing Science I |
| NUR 3167 | 2 | Nursing Science II |
| NUR 4168 | 1 | Nursing Science III |
| NUR 4826 | 2 | Applied Nursing Ethics |
| NUR 4636C | 5 | Comm Partnerships/Nur Practice |
| NUR 4945C | 6 | Profession Nursing Integration |

NCLEX Validation Credit (30 Credits)

Thirty credits of Nursing Validation Credits are awarded in the student's last semester of enrollment in the B.S.N.

These 30 credits are awarded based upon validation of previous nursing knowledge through satisfactory completion of NCLEX examination within two years of enrollment in the B.S.N. Other methods for awarding of 30 credits of validation credits are available.

Electives (3 Credits)

Must be completed with a grade of "C" or higher. Nursing or Health Science Elective must be taken at the 3000 or 4000 level with an HSC, HSA or NUR prefix. Select one course with HSC/HSA/NUR

Pre-licensure B.S.N. Curriculum Plan

Prior to the beginning of nursing classes all students are required to have current liability insurance, CPR certification, tuberculin skin test or chest x-ray negative for tuberculosis, immunity to hepatitis B, a positive varicella titer, a criminal background check, and a complete health report.

Major: Nursing

Concentration: Prelicensure Nursing

Degree: Bachelor of Science in Nursing

Prerequisites (31 Credits)

Must be completed with a grade of “C” or higher

SYG 2000	3	Introduction to Sociology
SYG X000 or any Introduction to Sociology may substitute for SYG2000		
PSY 2012	3	Introduction to Psychology
PSY X012 or any General Psychology may be substituted for PSY 2012		
DEP 3054	3	Lifespan Developmental Psych
DEP X004 or any Human Growth & Development across the Life Span may be substituted		
STA 2014	3	G(M)Elem Statistics-Health/SS
STA X014 or any Statistic course maybe be substituted for STA 2014		
HUN 2201	3	Basic Prin Human Nutrition
NURX192 or any Human Nutrition course may be substituted for HUN 2201		
MCB 2010C	4	Microbiology
MCB X010C or any Microbiology with lab may be substituted for MCB 2010C		
BSC 2085C	4	Human Anatomy & Physiology I
BSC X085C or any Human Anatomy & Physiology I or Human Anatomy		
BSC 2086C	4	Human Anatomy & Physiology II
BSC X086C or any Human Anatomy & Physiology II or Human Physiology		
CHM2045C	4	General Chemistry I
CHM XXXX must be comprehensive College General Chemistry such as CHM X030 or CHM X032) but not lower level principles courses (such as CHM X025)		

Major Requirements (64 Credits)

All courses must be completed with a grade of “C” or higher

First Semester	13	credit credits
NUR 3065L	3	Health Assessment
NUR 3119	2	Socialization Prof Nursing
NUR 3619	4	Family/Community Assessment
NUR 3166	1	Nursing Science I
NUR 3026L	1	Nursing Therapeutics I
NUR 3118L	2	Clinical Nursing Practice
Second Semester	13	credit hours
NUR 3535C	8	Psych/Rehabilitative Nursing
NUR 3128	4	Pathophysiology/Pharmacology
NUR 3027L	1	Nursing Therapeutics II
Third Semester	13	credit hours

NUR 3167	2	Nursing Science II
NUR 3255C	9	Adult Health Concepts/Practice
NUR 4826	2	Applied Nursing Ethics
Fourth Semester	13	credit hours
NUR 4827	3	Leadership/Mgmt In Nursing
NUR 4465C	7	Women Health/Pediatric Nursing
Select One Nursing/Health Science Elective		
3 credit hours Nursing or Health Science Elective must be taken at 3000 or 4000 level with NUR, HSC or HSA prefix		
Fifth Semester	12	credit hours
NUR 4168	1	Nursing Science III
NUR 4636C	5	Comm Partnerships/Nur Practice
NUR 4945C	6	Profession Nursing Integration

Accelerated Pre-licensure B.S.N. Curriculum Plan

This is a concentration designed for those already holding a baccalaureate in another field and desiring a career in nursing. The Accelerated B.S.N. Concentration is concentrated, and can be completed in 3.5 consecutive semesters of full-time study, beginning with the summer term. Admission requirements for this concentration include completion of all prerequisites for the nursing program, a 3.0 GPA in the previous baccalaureate program and a 3.0 GPA in the nursing prerequisite courses. Deadline for application is January 15 each year. Clinical courses will carry a 1:4 credit to contact hour ratio. Prior to the beginning of nursing classes all students are required to have current liability insurance, CPR certification, tuberculin skin test or chest x-ray negative for tuberculosis, immunity to hepatitis B, a positive varicella titer, and a criminal background check, and a complete health report.

Major: Nursing

Concentration: Prelicensure Accelerated Nursing

Degree: Bachelor of Science in Nursing

Prerequisites (31 Credits)

Must be completed with a grade of “C” or higher

SYG 2000	3	Introduction to Sociology
SYG X000 or any Introduction to Sociology may substitute for SYG 2000		
PSY 2012	3	Introduction to Psychology
PSY X012 or any General Psychology may be substituted for PSY 2012		
DEP 3054	3	Lifespan Developmental Psych
DEP X004 or any Human Growth & Development across the Life Span may be substituted		
STA 2014	3	G(M) Elem Statistics-Health/SS
STA X014 or any Statistic course may be substituted for STA 2014		
HUN 2201	3	Basic Prin Human Nutrition
NURX192 or any Human Nutrition course may be substituted for HUN 2201		
MCB 2010C	4	Microbiology

MCB X010C or any Microbiology with lab may be substituted for MCB 2010C
 BSC 2085C 4 Human Anatomy & Physiology I
 BSC X085C or any Human Anatomy & Physiology I or Human Anatomy
 BSC 2086C 4 Human Anatomy & Physiology II
 BSC X086C or any Human Anatomy & Physiology II or Human Physiology
 CHM 2045C 4 General Chemistry I
 CHM XXXX must be comprehensive College General Chemistry such as CHM X030 or CHM X032) but not lower level principles courses (such as CHM X025)

Major Requirements (51 Credits)

All courses must be completed with a grade of "C" or higher

First Semester	15 credit hours
NUR 3065L 3	Health Assessment
NUR 3619 4	Family/Community Assessment
NUR 3066L 2	Clinical Practicum I
NUR 3028L 2	Nursing Competencies
NUR 3816 4	Professional Nursing Concepts
Second Semester	18 credit hours
NUR 3536 4	Psych/Rehabilitative Nursing
NUR 3225 4	Adult Health Nursing
NUR 3128 4	Pathophysiology/Pharmacology
NUR 3235L 6	Clinical Practicum II
Third Semester	13 credit hours
NUR 3167 2	Nursing Science II
NUR 4465 2	Women Health/Pediatric Nursing
NUR 4636 3	Community Partnerships
NUR 4828 2	Role Transition
NUR 4466L 4	Clinical Practicum III
Fourth Semester	5 credit hours
NUR 4168 1	Nursing Science III
NUR 4945L 4	Directed Clinical Study

For further information on the admission requirements, the pre-professional course requirements, the baccalaureate program of study, and the graduation requirements, please visit our website or contact the School of Nursing Admissions Coordinator at UNF, 1 UNF Drive, Jacksonville, FL 32224-2673, telephone (904) 620-2418. The National League for Nursing Accrediting Commission (NLNAC) and the Commission on Collegiate Nursing Education are resources for required tuition, fees and length of the program. NLNAC can be reached at 61 Broadway, 33rd Floor, New York, NY 10006, telephone (800) 669-1656, ext. 153. CCNE can be reached at One Dupont Circle, NW, Suite 530, Washington, DC 20036-1120, telephone (202) 887-6791.

Department of Public Health

JoAnn Nolin, Chair & Associate Professor
David Courtwright, Professor (Collaborative appointment with COAS)
Joan Farrell, Professor
Edward A. Johnson, Professor (Collaborative appointment with CCOB)
Cynthia Nyquist-Battie, Professor
Jeanne Patterson, Professor
Steven K. Paulson, Professor (Collaborative appointment with CCOB)
Sharon T. Wilburn, Professor
Kerry L. Clark, Associate Professor
Jeffrey Harrison, Associate Professor
Elissa Howard-Barr, Associate Professor
Jeffrey E. Michelman, Associate Professor (Collaborative appointment with CCOB)
Michele J. Moore, Associate Professor
Cynthia Scott, Associate Professor
Julia Watkins, Associate Professor
Lie-Shih Chen, Assistant Professor
Gerald Colvin, Assistant Professor
Nancy Correa-Matos, Assistant Professor
Donald (Rob) Haley, Assistant Professor
Reid Oetjen, Assistant Professor
Mei Zhao, Assistant Professor
Julie Merten, Instructor
Aaron Hilliard, Clinical Professor (Courtesy appointment with Duval County Health Department)
Donald Hutton, Executive-in-Residence (904) 620-2840

Bachelor's Degree Programs

The Department of Public Health offers programs culminating in a Bachelor of Health Administration (B.H.A.) degree and a Bachelor of Science in Health (B.S.H.) degree.

The B.H.A. 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. Students interested in long term care management may select course work and an internship that will allow them to qualify to take the Florida Nursing Home Administrator's licensing examination. An opportunity to pursue other special interests is provided with selection of 9-12 hours of elective course work.

Students who earn the B.S.H. degree are qualified to work in a variety of community health, business

and educational organizations such as public health departments, alcohol/drug programs, wellness/fitness centers, nursing homes/retirement residences, schools and hospitals. The tracks available under the B.S.H. degree include Community Health and Nutrition. The Community Health concentration offers minors in Exercise Science, and Health Education, however the Exercise Science minor is now located within the Department of Athletic Training and Physical Therapy.

Health science professionals must have a broad knowledge base. They must be problem solvers who understand the contemporary health scene and are able to assess, design, implement and evaluate a wide range of health related programs and services utilized by a variety of populations. They must think critically, analyze and assist in research, and communicate effectively with health science professionals and the public at large.

The primary goal of these undergraduate programs is to provide students with the entry skills needed by health professionals. This is accomplished through a set of core and contextual courses, and for some programs of study, an internship. Students must apply the semester prior to their planned internship. Contact the Advising Office for the application deadline. An opportunity to pursue special interests is provided through tracks and minor areas of study. For some programs of study additional flexibility exists within program electives.

There are also options for students outside the Brooks College of Health. A University-wide minor in Public Health is available for non-Health Science majors. Students interested in the Health Science minor should contact the Brooks College of Health Advising Office at (904) 620-2812. Individuals interested in health teacher certification in Florida should complete the professional education 15 semester hour minor and contact the College of Education and Human Services (COEHS) Student Services Office, (904) 620-2530.

Admission Requirements

Applicants must meet minimum requirements for admission to undergraduate programs as established by the University of North Florida and the Florida Board of Governors. Each program has specific requirements or recommendations for sequencing of courses. See the corresponding sections for further information. All programs presuppose that students have sufficient academic background to pursue the professional courses provided in the Brooks College of Health and the Department of Public Health. Program requirements for the various concentrations of study are as follows:

Major: Health Science

Concentration: Community Health

Degree: Bachelor of Science in Health

Prerequisites

(25 Credits)

Must be completed with a grade of “C” or higher

PSY 2012	3	Introduction to Psychology
MAC 1105	3	G(M) College Algebra
STATISTICS		Elementary Statistics Course
		Recommend STA 2014 or STA 2023
CHM 2045C	4	General Chemistry I
		CHM must be a General Chemistry
MCB 2010C	4	Microbiology
		MCB X010C or any Microbiology and lab
BSC 2085C	4	Human Anatomy & Physiology I
		BSX X085C or any Human Anatomy & Physiology I course
BSC 2086C	4	Human Anatomy & Physiology II
		BSC X086C or any Human Anatomy & Physiology II course

Requisites

(3 Credits)

Must be completed with a grade of “C” or higher

HSC 2100	3	Personal Health Issues/Probs
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Core Requirements

(12 Credits)

Must be completed with a grade of “C” or higher

HSC 3500	3	Epidemiology
HSA 4553	3	Health Law & Ethics
HSC 4730	3	Foundations Health Sci Rsrch
HSC 3555	3	Diseases: Prevent, Intrv, Trtmt

Major Requirements

(18 Credits)

All general education, foreign language, prerequisite, requisite, core, major and minor requirements must be completed prior to internship. Only elective courses may be completed with internship (HSC 4814). You must petition to take any electives with internship. You must also meet exemption for, or passed all sections of CLAST exam prior to internship. A minimum 2.0 UNF GPA is required prior to internship.

HSC 4814 Community Service Internship (six credit hours) must be completed in the last academic semester of enrollment.

HSC 4800 Pre-internship Community Health must be completed the semester prior to HSC 4814.

The Community Health Course Offering Guide is available in the Advising Office and online at www.unf.edu/brooks.

HSC 3032	3	Foundations of Health Educ
HSC 3713	3	Plan & Eval Health Programs
HSC 3304	3	Instruct Methods in Health Educ
HSC 4800	3	Pre-Internship Com Health Svcs
HSC 4814	1-9	Community Service Internship

Major Electives (9 Credits)

Major Electives must be completed with a grade of “C” or higher at the 3000/4000 level. Students completing the Minor in Exercise Science must complete 9 credits of Health Science Electives

Select three Courses with HSC/HSA Prefix

HSA 3210	3	Long Term Care Administration
HSA 4170	3	Health Care Finance
HSA 3383	3	Quality Management Healthcare
HSC 3120	3	Consumer Issues in Healthcare
HSA 4150	3	Introduction to Health Policy
MAN 4301	3	Human Resource Management

Major Electives (12 Credits)

Major Electives must be completed with a grade of “C” or higher at the 3000/4000 level. Students completing the Minor in Health Education must complete 12 credits of Health Science Electives.

Select four Courses with HSC/HSA Prefix

Internships (6 credits)

Students must meet with an academic advisor the semester prior to HSA 4850 Health Administration Internship (6 semester hours) to verify academic eligibility clearance.

Students must meet with the health administration internship coordinator to determine placement site clearance.

All program pre-requisites must be completed prior to Internships or Senior Project.

HSA 4941 Long Term Care Internship (9 semester hours) requires approval from the program director and facility administrator and is available fall and spring terms only.

HSA 4970 Senior Project (6 semester hours) is only available to students with significant administrative or management experience in the health field. Program director approval is required.

HSA 4850, HSA 4941 or HSA 4970 must be completed in the last academic semester of enrollment.

Select one course from the following:

HSA 4850	6	Health Administration Internship
HSA 4941	9	Long Term Care Admin Internship
HSA 4970	6	Senior Project

Minor: Exercise Science**Minor Requirements: (21 Credits)**

PET 3080	3	Physical Activity & Health
HSC 4612	3	Exercise Physio For Health Sci
HSC 4615L	3	Lab Meth Ex Phys Hlth Sci
PET 3312C	3	Biomechanics
HUN 4414	3	Sports Nutrition
PET 4550	3	Physical Fitness Assessment
PEP 4135	3	Princ Strength/Conditioning

Minor: Health Education**Minor Requirements: (18 Credits)**

PET 3080	3	Physical Activity & Health
HSC 4563	3	Dimensions of Hlth Older Adult
HSC 4134	3	Mental/Emotional Health Ed
HSC 4133	3	Sexuality Education
HSC 4572	3	Nutrition & Health
HSC4150	3	Subst Abuse/Violence Prevent

Major: Health Administration**Degree: Bachelor of Health Administration****Prerequisites (12 credits)**

Must be completed with a grade of “C” or higher

ACG 2021	3	Prin of Financial Accounting
ACG 2071	3	Prin Managerial Accounting
ECO 2023	3	Principles of Microeconomics

Select one computer applications course

Recommend CGS 1100 or CGS 1570

Major Requirements (42 credits)

Must be completed with a grade of “C” or higher
The Health Administration Course Offering Guide is available in the Advising Office and online at www.unf.edu/brooks

HSC 3500	3	Epidemiology
HSA 4111	3	U.S. Health Care System
HSA 3111	3	Intro to Health Administration
MAN 3025	3	Administrative Management
HSA 4553	3	Health Law and Ethics
HSA 3109	3	Foundations of Managed Care
HSA 3160	3	Health Care Marketing
HSA 3191	3	Health Information Systems I

Major Electives (12 credits)

Must be completed with a grade of “C” or higher.

Students applying for the Long Term Care Internship (HSA 4941) must complete HSA 4939 and HSC 4563 in the Elective category below prior to the start of internship.

Students completing the nine-semester-hour Long Term Care Internship, take only nine credits of electives (total of three courses). Students completing the six-semester-hour Health Administration Internship (HSA 4850) or the six-semester-hour Senior Project (HSA 4970) must take 12 credits of electives (total of four courses). Electives must be selected from the following list. Any substitutions require the program leader’s approval.

Select four courses from the following:

HSA 4939		Aging Policy and Politics
HSC 4563		Dimensions of Health for the Older Adult
HSC 3564		Aging in America
HSC 3555		Diseases Prev Intervention and Treatment
HSC 4150		Sub Abuse and Violence Prevention

HSC 4572	Nutrition and Health
HSC 4730	Foundations of Health Science Research
HSC 4652	Healthcare Ethics and Cultural Diversity
HSA 4905	Independent Study
POS 4167	Urban Policy and Planning
POS 4233	Public Opinion/Interest Group

Department of Nutrition & Dietetics

(904) 620-1700

Catherine Christie, Chair & Associate Professor
Judy E. Perkin, Professor
Judith C. Rodriguez, Professor
Julie Watkins, Associate Professor
Nancy Correa-Matos, Assistant Professor
Sally Weerts, Assistant Professor
Jacqueline Shank, Instructor

The Nutrition and Dietetics Program has been accredited by the Commission on Accreditation for Dietetics Education (CADE). Successful graduates of this program are eligible to apply to CADE accredited dietetic internships. Information about the computer matching system used when applying to CADE accredited dietetic internships may be obtained through D & D Digital Systems, Ste. 301, 304 Main St., Ames, IA 50010, (515) 292-0490. Students must complete a CADE accredited post baccalaureate internship in order to be eligible to take the National Dietetic Registration Exam. The address and phone number for CADE is: 120 South Riverside Plaza, Chicago, IL 60606, phone: (312) 899-0040 ext. 5400 or 4872.

Major: Health Science
Concentration: Nutrition
Degree: Bachelor of Science in Health

Prerequisites (40 Credits)

Must be completed with a grade of "C" or higher

MAC 1105	3	G(M) College Algebra
STA 2014	3	G(M)Elem Statistics-Health/SS STA X014 or any Introductory Statistics
POS 2041	3	Intro to American Government
ECO 2023	3	Principles of Microeconomics
ACG 2021	3	Prin of Financial Accounting ACG X021 or any Financial Accounting Principles I
FSS 1202	2	Food Production
FSS 1202L	1	Food Production Laboratory
HUN 2201	3	Basic Prin Human Nutrition NUR X192
CHM 2045C	4	General Chemistry I
BSC 1010C	4	General Biology I
BSC 2085C	4	Human Anatomy & Physiology I BSC X085C or any Human Anatomy & Physiology I
BSC 2086C	4	Human Anatomy & Physiology II

BSC X086C or any Human Anatomy & Physiology II
 Select one CGS Course
 Recommend either CGS 1570 or CGS 1100

Core Requirements (9 Credits)

Must be completed with a grade of "C" or higher

HSA 4111	3	U.S. Health Care System
HSA 4553	3	Health Law & Ethics
HSC 4730	3	Foundations Health Sci Rsrch

Major Requirements (49 Credits)

Must be completed with a grade of "C" or higher
 Nutrition Students must follow the Nutrition Course Sequence Guide in the Nutrition Program Student Handbook located at www.unf.edu/brooks/data/bshhndbk to avoid delaying graduation.

Nutrition students planning to complete a CADE accredited nutrition internship after graduation must meet with the BSH Nutrition program director the semester prior to graduation for application procedures.

BCH3023C	4	Bioorganic Chemistry
HUN3601	3	Nutrition Education
SOP3004	3	Social Psychology
HUN3403	3	Life Span Nutrition
HUN4221	3	Science of Nutrition
DIE3310	3	Community Nutrition
MCB2010C	4	Microbiology
FOS4041	3	Food Science & Composition
FOS4041L	1	Food Science Lab
HSA3111	3	Intro to Health Administration
DIE3213	3	Nutrition Therapy I
DIE4122	3	Management of Food/Nutrition I
FSS4230	2	Quantity Food Preparation
FSS4230L	1	Field Exp-Food Qty Preparation
DIE3246	3	Nutrition Therapy II
DIE4125	3	Management Food/Nutrition II
DIE4123	1	Qual Control: Food/Nutrition
HSA3160	3	Health Care Marketing

University Minor in Public Health

Departments or divisions that wish to offer a minor in Public Health may do so provided they meet the requirements given below, including the prerequisites for all courses in which the student enrolls.

Minor: Public Health

Minor Requirements: (15 Credits)

HSC 3500	3	Epidemiology
HSA 4111	3	U.S. Health Care System

Select three 3000/4000 Level Health Courses related to the student's area of interest in consultation with an academic advisor.

Select courses with the following prefixes:
 HSC/HSA/PET/PEM/DIE/HUN

Departments or divisions wishing to offer a minor in Health Science should discuss the issue with a representative of the college prior to submitting formal program material. The college will assist with selecting specific courses which will be most helpful for students.

Department of Athletic Training & Physical Therapy

A. Russell Smith, Jr., Chair & Associate Professor

Joel W. Beam, Associate Professor & Director,
Athletic Training Program

Ann C. Noonan, Associate Professor & Director,
Physical Therapy Program

John P. Cummings, Associate Professor

Christopher J. Joyce, Associate Professor

Rose Marie Rine, Associate Professor

Bernadette Buckley, Assistant Professor

James Churilla, Assistant Professor

Peter Magyari, Assistant Professor

W. Allen Moore, Jr., Assistant Professor

Charles A. Thigpen, Assistant Professor

Sharon Borhres, Instructor

Dawn M. Saracino, Instructor
(904) 620-2841

The Department of Athletic Training and Physical Therapy offers a Bachelor of Science in Athletic Training as well as the Exercise Physiology minor in the Bachelor of Science in Health, Community Health Concentration. The Athletic Training program and program-of-study are described below. The Exercise Physiology minor program-of-study is presented in the information about the Department of Public Health, where the minor concentrations of the Bachelor of Science in Health, Community Health Concentration are discussed.

Athletic Training Education Program

The Department of Athletic Training and Physical Therapy offers a program leading to the Bachelor of Science in Athletic Training. UNF has received full accreditation of its Athletic Training Education Program from the Commission on Accreditation of Athletic Training Education (CAATE). The address and phone number for CAATE are: 2201 Double Creek Drive, Suite 5006, Round Rock, TX 78664, phone (512) 733-9700.

The program is designed to prepare students for entry into the athletic training profession upon graduation. The curriculum includes both classroom and clinical experiences. A variety of clinical settings will be available to the student including outpatient orthopedic clinics, local intercollegiate and high school athletic training rooms, and with professional teams. Students in the Athletic Training Education program will develop skills in the prevention, evaluation, care, and rehabilitation of

injuries and illnesses occurring in the physically active population. Upon completion of the program students will be eligible to sit for the certification examination administered by the National Athletic Trainers' Association Board of Certification.

Admissions

Applicants to the Athletic Training Education Program should keep in touch with the Brooks College of Health Advising Office and the program director to ensure that they have current information about admission requirements. At time of admission, students must have completed the required prerequisite courses. The criteria upon which students will be evaluated for admission include the overall GPA, prerequisite GPA, a required interview, and completion of the supplemental program application and personal statement. Students will also be required to meet specific technical standards. Students should contact the Department of Athletic Training & Physical Therapy or the Athletic Training Program Director for specific information. Prior to the beginning of classes, all students are required to have current immunizations including: measles, mumps, rubella, tetanus, diphtheria, and hepatitis B, as well as a completed health evaluation. Application deadline for admission into the program is May 1 of each year. Completion of minimum requirements does not guarantee acceptance into the Athletic Training Education Program.

Athletic Training Curriculum Plan

As part of the curriculum plan, students spend time in daily clinical rotations arranged by the Athletic Training Education Program. Students must comply with requirements as specified by the program prior to clinical experiences including a health evaluation and vaccinations against measles, mumps, rubella, tetanus, diphtheria, and hepatitis B. Prior to program admission, students should confirm curriculum courses and sequencing with the program director.

Major: Athletic Training

Degree: Bachelor of Science in Athletic Training

Prerequisites (29 Credits)

Must be completed with a grade of "C" or higher

BSC 1010C 4 General Biology I

BSC X010 and BSC X010L are acceptable substitutes for BSC1010C

CHM 2045C 4 General Chemistry I

Any Organic Chemistry Course or CHM X045 and CHM X045L are acceptable substitutes for CHM 2045C

PHY 2053/L Physics I with Lab

Precalculus (MAC 1147) or College Algebra

(MAC 1105) and Trigonometry (MAC 1114) are

prerequisites for Algebra-based Physics (PHY 2053/2053L or PHY 2053C)

BSC 2085C 4 Human Anatomy & Physiology I
PET X320, ZOO 3733, ZOO 3731, and BSC 2085 and BSC 2085L are acceptable substitutes for BSC 2085C

BSC 2086C 4 Human Anatomy & Physiology II
PCB 3703, PCB 3702, PCB 3704 and BSC 2086 and BSC 2086L are acceptable substitutes for BSC 2086C

PSY 2012 3 Introduction to Psychology

HUN 2201 3 Basic Prin Human Nutrition

PET X361 and HUN X002 are acceptable substitutes for HUN 2201

STA 2023 3 G(M) Elem Statistics-Business

STA X122 is an acceptable substitute for STA 2023

Requisites

HSC 2400 not required, but strongly recommended prior to admission into Athletic Training Program. Admitted AT students must, however, hold current certification in CPR, First Aid, and bloodborne pathogens.

HSC 2400 2 First Aid Emergency Care

Major Requirements

(60 Credits)

Must be completed with a grade of "C" or higher
Admitted AT students should consult with the Athletic Training program director of intention to withdraw from the program and prior to any official change of major.

PET 3603C 3 Introduction Sports Medicine

PET 3620 3 Introduction Athletic Injuries

PET 3312C 3 Biomechanics

HSC 4612 3 Exercise Physio For Health Sci

PET 3670 3 Athletic Training Clinical I

PET 3621C 3 Orthopedic Taping & Bracing

PET 4632C 3 Therapeutic Modalities

PET 3624C 3 Emergency Mgmt Athletic Trauma

HUN 4414 3 Sports Nutrition

PET 3321 3 Gross Anatomy Athletic Trainer

PET 3671 3 Athletic Training Clinical II

PET 4633C 3 Orthopedic Injury Assessment I

PET 4625 3 Research Sports Med

PET 4634C 3 Orthopedic Injury Assess II

PET 3660 3 Athletic Training Admin

PET 4630C 3 Therapeutic Exercise

PET 4940 3 Clinical Practice In At I

PET 4623 3 Rehabilitation Athletic Injury

PET 4933 3 Seminar In Athletic Training

PET 4947C 3 Clinical Practice In At II

Center for Global Health and Medical Diplomacy

The Center for Global Health and Medical Diplomacy is located within the Brooks College of Health. The center is the first global health organization to include a focus on medical diplomacy, which denotes quiet advocacy through caring, ethics and science, the fundamental and enduring traditions of health and medical care throughout the world. The center has obtained wide community participation and support in its efforts to promote understanding of global health issues by organizing, presenting, and participating in health forums, speaker presentations, and conferences; as well as being highly engaged with state, national and international organizations.

The mission of the center is to promote global understanding and collaborative action for improving health and medical care. Center objectives are to:

- promote excellence and balance in the caring, ethics and science of health and medicine
- promote the human, economic and diplomatic value of health and medical care
- promote optimal health and medical education
- support leadership development in the health and medical professions
- integrate broad local, state, national and global participation in advisory committees, forums, publications, research, education and demonstration activities.

Brooks College of Health Course Descriptions

ATHLETIC TRAINING / PHYSICAL THERAPY

HSC 4612-Exercise Physiology for Health Science 3

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.

HSC 4615L-Lab Methods in Exercise Physiology for Health Sciences 3

Prerequisite or Corequisite: HSC 4612. Field and laboratory tests and procedures commonly used in the study of Exercise Physiology for Health Science will be examined in this course. It is designed for undergraduate Community Health students with a minor in Exercise Science.

PEP 4135-Principles of Strength and Conditioning 3

Prerequisites: PET 3351C and PET 3312C. 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.

PET 3080-Physical Activity and Health 3

This is a survey course designed to investigate the relationship between physical activity, exercise, physical fitness and health status. Cardiorespiratory, musculoskeletal, and metabolic diseases will be included.

PET 3312C-Biomechanics 3

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.

PET 3321-Gross Anatomy Athletic Trainer 3

Prerequisites: Declared major in Athletic Training, PET 3603C and PET 3620. Corequisite: PET 3671. Study designed to expose the athletic training student 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 \$75 assessed.)

PET 3603C-Introduction Sports Medicine 3

This course introduces students to the philosophy, conceptual framework, and objectives of the UNF Athletic Training Education Program, the role of the NATABOC certified athletic trainer, and the relationship of athletic training to the U.S. health care system. Orientation to historical and contemporary issues and trends that affect the practices of athletic training are emphasized. Other sports medicine related topics such as risk management and injury prevention, pathology, assessment

and care of injuries and illness, general medical conditions and disabilities, and psychosocial intervention and referral will also be introduced. (A laboratory fee of \$15 assessed.)

PET 3620-Introduction Athletic Injuries 3

Current principles and practices in the prevention, recognition, and management of athletic related injuries and illnesses.

PET 3621C-Orthopedic Taping and Bracing 3

Prerequisite: Declared major in Athletic Training. Corequisites: PET 3603C, PET 3620. 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. (A laboratory fee of \$30 assessed.)

PET 3624C-Emergency Management of Athletic Trauma 3

Prerequisites: HSC 2400, PET 3603C, PET 3620, and a declared major in Athletic Training. Advanced study and application of emergency management techniques in dealing with trauma resulting from injuries and illnesses suffered by an athletic population. (A laboratory fee of \$15 assessed.)

PET 3660-Athletic Training Administration 3

Prerequisites: PET 3603C, PET 3620 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.

PET 3670-Athletic Training Clinical Introduction I 3

Prerequisite: Declared major in Athletic Training. Corequisites: PET 3603C, PET 3620 and PET 3621C. An intermediate clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to physically active individuals under the direct supervision of an NATA-BOC certified athletic trainer. To be taken in the fall semester of the student's junior year.

PET 3671-Athletic Training Clinical Introduction II 3

Prerequisites: PET 3670. Corequisites: PET 4632C, PET 3624C and PET 3321. An intermediate clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to physically active individuals under the direct supervision of an NATA-BOC certified athletic trainer. To be taken in the spring semester of the student's junior year.

PET 3674-Clinical Experience in Athletic Training 3

Prerequisites: PET 3670, PET 3671 and enrollment in the Athletic Training Program. This course is an intermediate clinical experience in an athletic training-sports medicine setting with follow-up seminars. Students will integrate and apply academic work in providing care to physically active individuals under the direct supervision of a NATABOC certified athletic trainer. This class is to be taken in

the Summer semester between the first and second year in the Athletic Training Education Program.

PET 4550-Physical Fitness Assessment and Exercise Prescription **3**

Prerequisite: *PET 3351C*. 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.

PET 4623-Rehabilitation Athletic Injuries **3**

Prerequisite: *PET 4630C and declared major in Athletic Training*. 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.

PET 4625-Research in Sports Medicine **3**

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.

PET 4630C-Therapeutic Exercise **3**

Prerequisites: *PET 3351C and PET 4632C*. 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. (A laboratory fee of \$15 assessed.)

PET 4632C-Therapeutic Modalities **3**

Prerequisites: *PET 3603C, PET 3620 and declared major in Athletic Training*. A study of current theory and application in the use of therapeutic modalities in the sports medicine-athletic training setting. Emphasis will be placed on thermal, electrotherapeutic and hydrotherapeutic modalities. (A laboratory fee of \$15 assessed.)

PET 4633C-Orthopedic and Injury Assessment I **3**

Prerequisites: *PET 3603C, PET 3620 and declared major in Athletic Training*. The study and practice of techniques used when assessing athletic injuries to the upper extremity, head and spine. (A laboratory fee of \$15 assessed.)

PET 4634C-Orthopedic and Injury Assess II **3**

Prerequisite: *PET 4633C and declared major in Athletic Training*. The study and practice of techniques used when assessing athletic injuries to the lower extremity and spine. (A laboratory fee of \$15 assessed.)

PET 4933-Seminar in Athletic Training **3**

Prerequisite: *PET 3660*. The advanced study and discussion of specialized topics and contemporary issues related to the field of athletic training. Emphasis will be placed on professional development and employment preparation.

PET 4940-Clinical Practice in Athletic Training I **3**

Prerequisite: *PET 3671*. **Corequisites:** *PET 4633C, PET 3660, PET 4630C and declared major in Athletic*

Training. An advanced clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to physically active individuals under the direct supervision of an NATA-BOC certified athletic trainer. To be taken the Fall semester of the student's Senior year. (A laboratory fee of \$15 assessed.)

PET 4947C-Clinical Practice in Athletic Training II **3**

Prerequisite: *PET 4940*. **Corequisites:** *PET 4634C, PET 4623, PET 4604, PET 4933, PEP 4135 and declared major in Athletic Training*. An advanced clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to physically active individuals under the direct supervision of an NATA-BOC certified athletic trainer. To be taken the spring semester of the student's Senior year. (A laboratory fee of \$15 assessed.)

NURSING

NUR 2930-Special Topics in Nursing **v. 1-4**

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.

NUR 3026L-Nursing Therapeutics I **1**

Prerequisite: *Admission to the Nursing Program*. **Corequisites:** *NUR 3065L, NUR 3618, NUR 3119, NUR 3619, NUR 3166, NUR 3118L*. This is the first of two laboratory courses designed to present information required for therapeutic nursing interventions to foster adaptation. The focus is on the development of psychomotor skills required to provide direct or indirect nursing care to promote adaption in patients across the lifespan.

NUR 3027L-Nursing Therapeutics II **1**

Prerequisite: *NUR 3026L*. **Corequisite:** *NUR 3535C*. This is the second of two laboratory courses designed to present information required for therapeutic nursing interventions. The focus of this course is on the development of psychomotor skills required to provide direct or indirect nursing care to promote adaption in patients across the lifespan.

NUR 3028L-Nursing Competencies **2**

Prerequisite: *Admissions to the Accelerated Option in the Pre-licensure Nursing Concentration*. **Corequisites:** *NUR 3065L, NUR 3066 L, NUR 3618, NUR 3619, NUR 3816*. This is a laboratory course designed to present information required for therapeutic nursing interventions. The focus of this course is on the development of psychomotor skills required to provide direct nursing care for patients across the lifespan.

NUR 3065L-Health Assessment of Individuals Across the Lifespan **3**

Pre-licensure Students: Prerequisites: *Admission to the Nursing Program*. **Corequisites:** *NUR 3119, NUR 3618, NUR 3619, NUR 3166, NUR 3026L, NUR 3118L*. **RN-BSN Students: Prerequisite/Corequisite:** *NUR 3166*. This course includes information required for the health assessment of the individual throughout the lifespan. The focus is on the

assessment of biological, psychological, and sociocultural systems of the individual with emphasis on developmental variations. The nursing process is introduced and the development of nursing diagnoses based on assessment findings is presented. The emphasis is on knowledge and skills needed to critically evaluate health assessment data. Includes campus lab experience. (3 credits: 2 hours theory and 2 hours lab per week). (A laboratory fee of \$15 assessed.)

NUR 3066L-Clinical Practicum I 2

Prerequisite: Admission into the Accelerated Option of the Pre-licensure Nursing Concentration. **Corequisites:** NUR 3065L, NUR 3618, NUR 3619, NUR 2028 L, NUR 3816. This is the first clinical course for nursing students in the accelerated option in the pre-licensure baccalaureate nursing concentration. In this case the learner will use the nursing process to promote the adaptation of individuals, families, and/or communities. The learner will participate in clinical activities as a provider of direct and indirect care.

NUR 3082C-Transition Concepts and Practice II 4

Prerequisite: NUR 3065L, NUR 3166, NUR 3619. This course is designed to serve as a transition for the registered nurse in the professional nursing curriculum. The course will explore issues and concepts related to professional nursing roles and practice, including concepts for delivery of nursing care to at risk patients, families and aggregates. The course emphasizes factors that affect the optimal health and well being of vulnerable individuals, families and communities with a special emphasis on information required for assessment and health promotion of those coping with chronic illness or disease. The learner will participate in clinical activities as a provider of direct and indirect care.

NUR 3118L-Clinical Nursing Practice 2

Prerequisite: Admission to the Nursing Program. **Corequisites:** NUR 3618, NUR 3065L, NUR 3619, NUR 3166, NUR 3026L, NUR 3119. This is the first clinical course for pre-licensure baccalaureate nursing students. In this course the learner will use the nursing process to promote the health of individuals, families, and/or communities. The learner will participate in clinical activities as a provider of direct and indirect care. Grading is on a pass/fail basis. (2 credits: 90 clinical hours per semester)

NUR 3119-Socialization to Professional Nursing 2

Prerequisite: Admission to the Nursing Program. **Corequisites:** NUR 3065L, NUR 3618, NUR 3619, NUR 3166, NUR 3026L, NUR 3118L. 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 recognition of nursing as a vital component of health care and on the beginning socialization of students into the professional role. (2 credits: 2 hours seminar per week).

NUR 3128-Pathophysiology and Pharmacology 4

Prerequisite: NUR 3065L. **Corequisites:** NUR 3536 and NUR 3536L. This course includes information about the pathophysiologic base and pharmacologic management

of disease processes across the lifespan. The focus is on alterations in physiologic function as manifestations of disease, and differences in children, adults and older adults. Emphasis is on relating signs, symptoms and laboratory findings of common alterations and understanding the appropriate pharmacologic management to promote adaptation. (4 credits: 4 hours theory per week)

NUR 3166-Nursing Science I 1

Prerequisite: Admission to the Nursing Program. **Corequisite:** NUR 3065L. This is the first of three courses in the nursing science sequence. The course introduces the UNF Adaptation Framework and other conceptual frameworks, standardized nursing languages, taxonomies and classification systems. The focus is on nursing research and the review of scientific literature. Emphasis is on the use of a variety of technologic aids, such as library databases and large data sets available to nurse scientists.

NUR 3167-Nursing Science II 2

Prerequisite: NUR 3166. This is the second of three courses in the nursing science sequence. The course includes information related to the research process. The focus is on question/hypothesis formulation and methodology in qualitative and quantitative research. Emphasis is on strategies for the appropriate evaluation of research. The learner will become an active participant in the research process.

NUR 3225-Adult Health Nursing 4

Prerequisites: NUR 3536 and NUR 3128. **Corequisites:** NUR 3225L, NUR 3167, NUR 3027L. This course includes information required for assessment and direct and indirect care that supports physical functioning and homeostatic regulation of adults who are hospitalized with physical illness or disease. The focus is on factors that affect the adaptation of adults. Emphasis is on professional nursing roles and responsibilities in designing, managing, and evaluating care for hospitalized adults in order to maintain, restore, and optimize their level of functioning.

NUR 3235L-Clinical Practicum II 6

Prerequisite: NUR 3066L. **Corequisites:** NUR 3128, NUR 3255, NUR 3536. This is the second clinical course for nursing students in the accelerated option in the pre-licensure nursing concentration. In this course the learner will use nursing process to promote the adaptation of individuals, families, and/or communities. The learner will participate in clinical activities as a provider of direct and indirect care to individuals with psychiatric, rehabilitation, and medical-surgical nursing needs.

NUR 3255C-Adult Health Nursing Concepts and Practice 9

Prerequisites: NUR 3027L, NUR 3535C, NUR 3128. **Corequisites:** NUR 3167, NUR 4826. This is the third clinical course for pre-licensure baccalaureate nursing students. This course includes information required for assessment and care that supports physical functioning and homeostatic regulation of adults who are hospitalized with physical illness or disease. The focus is on factors that affect the adaptation of adults. Emphasis is on professional nursing roles and responsibilities in designing, managing, and evaluating care for hospitalized adults in order to maintain, restore, and optimize

their level of functioning. The learner will participate in clinical activities as a provider of direct and indirect care.

NUR 3257-Critical Care Nursing 3

Prerequisite: *RN or instructor's permission.* This course provides a sound theoretical foundation for the delivery of professional nursing care to critically ill adults. The pathophysiology as well as the clinical management of clients will be emphasized.

NUR 3535C-Psychiatric and Rehabilitative Nursing Concepts and Practices 8

Prerequisites: *NUR 3118L, NUR 3026L, NUR 3065L.*
Corequisites: *NUR 3027L, NUR 3128.* This is the second clinical course for pre-licensure baccalaureate nursing students. This course includes information required for assessment and care that supports the adaptation of individuals with physical or mental illness, disease, or disability. The focus is on factors that affect the optimal health and well being of vulnerable individuals, families, and communities. Emphasis is on professional nursing roles and responsibilities in designing and managing care of individuals with psychiatric and chronic conditions in a variety of community and inpatient settings. The learner will participate in clinical activities as a provider of direct and indirect care.

NUR 3536-Psychiatric and Rehabilitative Nursing 4

Prerequisite: *NUR 3065L.* **Corequisites:** *NUR 3128 and NUR 3536L.* This course includes information required for assessment and care that supports adaptation of individuals with physical or mental illness, disease, or disability. The focus is on factors that affect the optimal health and well being of vulnerable individuals, families, and communities. Emphasis is on professional nursing roles and responsibilities in designing and managing care for individuals with psychiatric and chronic conditions in a variety of community and inpatient settings. (4 credits: 4 hours theory per week)

NUR 3619-Community Assessment 4

Prerequisite: *Admission to the Nursing Program.*
Corequisites: *NUR 3065L, NUR 3166, NUR 3119 or NUR 3816, NUR 3118L or NUR 3066L, NUR 3026L or NUR 3028L.* 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.

NUR 3694-Parish Nursing 3

Prerequisites: *Admission to the Nursing Program and completion of the first semester of course work or current licensure as a Registered Nurse.* This course provides a foundation for participation in the role of parish nurse. Content is based on the approved curriculum sponsored by the International Parish Nurse Resource Center.

NUR 3816-Professional Nursing Concepts 4

Pre-requisite: *Admissions to the Accelerated Option of the Pre-licensure Nursing Concentration.* **Corequisites:**

NUR 3065L, NUR 3066L, NUR 3619, NUR 3028L. This course includes information on the profession of nursing and introduces the student to the heritage of nursing. The focus is on philosophical, theoretical, and ethical bases of nursing. Principles of leadership and management are explored. The emphasis is on multi-faceted dimensions of nursing as a vital component of health care.

NUR 3935-AIDS: A Health Perspective 3

This course provides a comprehensive view of the spectrum of HIV infection from a multidisciplinary perspective. Faculty from the College of Health and invited experts in the community will present content relevant to: risk, prevention, testing, counseling and treatment. Ethical/legal, psychosocial and health care values are also addressed.

NUR 3944-RN Refresher 3

Prerequisites: *Current licensure as a Registered Nurse; permission from the Nurses Manager of the Department of Nursing Education at Baptist Medical Center.* This course provides a review of the body systems using the nursing process. Nurses will apply concepts in clinical practice. The course will provide clinical experience with assessment skills, data collection, nursing care plan and intervention and patient outcomes. Nurses will be expected to demonstrate entry level RN competency in the clinical setting.

NUR 3949-Experiential Studies in Nursing 0

Prerequisite: *Acceptance in cooperative education program.* Students will participate in supervised work experiences related to their areas of interest. Students may repeat this course for credit, up to a total of six credits.

NUR 4168-Nursing Science III 1

Prerequisite: *NUR 3167.* This is the third of three courses in the nursing science sequence. This course includes information needed to begin to bridge the research-practice gap. The focus is on evidence-based practice and research utilization models. Emphasis is on the role of the nurse in creating environments that support the utilization of nursing research. (1 credit: 1 theory hour per week.)

NUR 4178-Alternative Healing 3

Prerequisite: *At least a junior level student and an interest in health care.* This course introduces the student to various multi-ethnic alternative medicine theories and interventions. The goal is to provide them with knowledge and experience of mind/body self-healing skills that can be integrated into their health care education. The course examines the philosophies of complementary and alternative medicine through the applications of critical thinking using basic understanding of the functions of the human body. The class is appropriate for all majors.

NUR 4465-Women Health and Pediatric Nursing 2

Prerequisite: *NUR 3255.* **Corequisite:** *NUR 4465 L.* This course includes information required for assessment and direct and indirect care of obstetric, gynecologic, and pediatric patients. The focus is on factors that affect the adaptation of women and children. Emphasis is on professional nursing roles and responsibilities in designing and managing care for women and children in order to maintain, restore, and optimize their level of functioning. (2 credits: 2 hours theory per week)

<p>NUR 4465C-Women Health & Pediatric Nursing Concepts/Practice 7</p> <hr/> <p>Prerequisites: <i>NUR3167, NUR 3255C.</i> This is the fourth clinical course for pre-licensure baccalaureate nursing students. This course includes information required for assessment and care of obstetric, gynecologic, and pediatric patients to promote adaptation. The focus is on factors that affect the optimal health and well being of women and children. Emphasis is on professional nursing roles and responsibilities in designing and managing care for women and children in order to maintain, restore, and optimize their level of functioning. The learner will participate in clinical activities as a provider of direct and indirect care.</p>	<p>NUR 4826-Applied Nursing Ethics 2</p> <hr/> <p>Prerequisite/Corequisite: <i>NUR 3167. RNs: None.</i> This course includes information required for examination of ethical decision-making in clinical practice. The focus is on values clarification, ethical theory, ethical decision-making models, and professional ethical standards. Emphasis is on the ethical obligations of professional nurses as citizens, members of a profession, providers of care, and designers and managers of care.</p>
<p>NUR 4466L-Clinical Practicum III 4</p> <hr/> <p>Prerequisites: <i>NUR 3235 L. Corequisites: NUR 4465, NUR 4636, NUR 4828.</i> This is the third clinical course for nursing students in the accelerated option in the pre-licensure nursing concentration. In this course the learner will use the nursing process to promote the adaptation of individuals, families, and/or communities. The learner will participate in clinical activities as a provider of direct and indirect care to women and children with nursing needs. The learner will also participate in clinical activities as a provider, designer and manager of care to promote community adaptation.</p>	<p>NUR 4827-Leadership & Management in Nursing 3</p> <hr/> <p>Pre-licensure Prerequisite: <i>NUR 3167. Prerequisite/Corequisite: NUR 4826. RNs: None.</i> This course presents information needed to understand leadership and management as integral components of the role of the professional nurse in the health care setting. The focus is on leadership and management concepts useful at the individual through the organizational level. Emphasis is on developing collaborative and interpersonal skills essential in the design, delegation and management of care. (3 credits: 3 hours theory per week).</p>
<p>NUR 4636-Community Partnerships 3</p> <hr/> <p>Prerequisite: <i>Pre-licensure Students: NUR 4465. Prerequisite: RN-BSN Students: NUR 3082. Prerequisite/Corequisite: NUR 4827. Corequisite: NUR 4636L.</i> This course includes information on the importance of partnerships in promoting community adaptation. The focus is on planning, implementing, and evaluating health promotion, health protection, and disease prevention interventions. The emphasis is on the role of the community health nurse (CHN) in providing culturally competent care to diverse populations in a variety of settings. (3 credits: 3 hours theory per week).</p>	<p>NUR 4828-Role Transition 2</p> <hr/> <p>Prerequisite/Corequisite: <i>NUR 4827 and prerequisites: NUR 4465 and NUR 4465L.</i> 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 professional leader, communicator and as a citizen. Emphasis is on life-long learning, professional presentation skills and nurse citizenship. (2 credits: 2 theory hours per week.)</p>
<p>NUR 4636C-Community Partnerships and Nursing Practice 5</p> <hr/> <p>Prerequisite: <i>NUR 4465 or NUR 3082/NUR 3082L. Prerequisite/Corequisite: NUR 4827.</i> This is a clinical course for both pre-licensure baccalaureate nursing students and RN-BSN students. This course includes information on the importance of partnerships in promoting community adaptation. The focus is on planning, implementing, and evaluating health promotion, health protection, and disease prevention interventions. The emphasis is on the role of the community health nurse (CHN) in providing culturally competent care to diverse populations in a variety of settings. The learner will participate in clinical activities as a provider, designer and manager of care to promote community adaptation.</p>	<p>NUR 4905-Senior Problems v. 1-6</p> <hr/> <p>Prerequisite: <i>Senior standing and permission of instructor.</i> Independent study on selected clinical problems. May be repeated for 9 credits.</p>
<p>NUR 4660-Culture and Healthcare in Ireland v. 1-3</p> <hr/> <p>Prerequisite: <i>At least a junior standing and an interest in health care.</i> A nine-day international travel program to Ireland for UNF students. Focus is on the Irish health care system, arts and culture. This international study course will provide UNF students and members of the health care community the opportunity to spend one week in Ireland visiting cultural sites, attending presentations related to health care delivery in Ireland, and observing selected health care settings. This is a pass/fail course.</p>	<p>NUR 4917-Honors Research v. 1-3</p> <hr/> <p>Prerequisites: <i>NUR 4165 and admission to the Honors Program in the College of Health.</i> This course provides a vehicle for upper division nursing students to work closely with a faculty member on a research utilization or faculty research project. Students must enroll for 3 hours TOTAL credit over one or more semesters. May be repeated for a total of 9 credits.</p>
	<p>NUR 4935-Special Topics in Nursing v. 1-3</p> <hr/> <p>Nursing electives on varying topics. May be repeated for a total of 15 credits with a change of course content.</p>
	<p>NUR 4945C-Profession Nursing Integration 6</p> <hr/> <p>Prerequisite: <i>NUR 4465 or NUR 3082C.</i> Must be taken in the semester in which the student intends to graduate. During this last clinical course the student demonstrates achievement of program objectives while working in partnership with patients, 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.</p>
	<p>NUR 4945L-Directed Clinical Study 4</p> <hr/> <p>Prerequisite: <i>Must be taken in the semester in which the student intends to graduate.</i> During this last clinical course the student demonstrates achievement of program</p>

objectives while working in partnership with patients, families, communities and other health care professionals. Students use theories, techniques, skills and research from a variety of disciplines to improve nursing practice. Grading is on a pass/fail basis. (4 credits: 180 practice hours per semester)

PUBLIC HEALTH

APK 4120C-Clinical Exercise Physiology 3

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.

DIE 3213-Nutrition Therapy I 3

Prerequisites: *HUN 2201, BCH 3023C, BSC 2085C, BSC 2086C, CHM 2045C, FSS 1202, FSS 1202L and HUN 3403.* 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.

DIE 3246-Nutrition Therapy II 3

Prerequisite: *DIE 3213.* Students will assess nutrient needs of, and develop nutrient based care plans for, persons with various disease conditions.

DIE 3310-Community Nutrition 3

Prerequisite: *HUN 2201.* 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.

DIE 4122-Management of Food and Nutrition Sciences I 3

Prerequisites: *HUN 2201, MCB 2010C, FSS 1202, FSS 1202L, HSA 3111, ACG 2021, MAC 1105.* 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.

DIE 4123-Quality Assessment & Control in Foods & Nutrition 1

Prerequisites: *HUN 2201 and MAN 3025.* Students will be able to develop a comprehensive quality assessment program within the foods and nutrition discipline and will be able to evaluate quality assessment programs for appropriate content and process. May be repeated for credit.

DIE 4125-Management of Food & Nutrition Sciences II 3

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.

DIE 4940-Nutrition & Diet Field Experience v. 3-9

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.

FOS 4041-Food Science & Composition 3

Prerequisites: *FSS 1202, FSS 1202L, CHM 2045C.*
Corequisite: *FOS 4041L.* 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.

FOS 4041L-Food Science & Composition Laboratory 1

Prerequisites: *FSS 1202, FSS 1202L, CHM 2045C.*
Corequisite: *FOS 4041.* 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. (A laboratory fee of \$20 assessed.)

FSS 1202-Food Production 2

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.

FSS 1202L-Food Production Laboratory 1

Corequisite: *FSS 1202.* 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. (A laboratory fee of \$20 assessed.)

FSS 4230-Quantity Food Preparation 2

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.

FSS 4230L-Experience in Quantity Food Preparation 1

Prerequisites: *FSS 1202, FSS 1202L, MCB 2010C, CHM 2045C; Corequisite or prerequisite: FSS 4230.* Practical application of quantity food preparation principles in the commercial, institutional, and community setting. Students must meet the health requirements of the participating facility. May be repeated for 3 credits. (A laboratory fee of \$15 assessed.)

HIM 3006-Intro to Health Information Management 3

Study of the problem oriented medical record. Emphasis placed on health record analysis and legal basis for release of medical information.

HIM 3116-Health Record Organization & Management 3	HSA 3191-Health Information Systems I 3
Examination of the medical record with emphasis on structure and interpretation as well as the use of computers in abstracting medical information. The medical record administrators' role in the health care organization will also be examined.	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.
HIM 4226-Diagnostic Coding II 3	HSA 3210-Long Term Care Administration 3
Prerequisite: HIM 4236. Study of the procedure coding systems and techniques.	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.
HIM 4236-Diagnostic Coding I 3	HSA 3383-Quality Management in Healthcare 3
Study of the diagnosis coding system used in health care. Emphasis on Diagnosis Related Grouping techniques and practice.	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.
HIM 4306-Medical Record Department Management 2	HSA 3710-Health System Analysis 3
Prerequisites: HIM 4236 and HIM 4256. Examination of the management functions within a medical record setting. Emphasis on staff education requirements, equipment requirements and operation, and problem solving techniques.	This course is concerned with managerial decision making in an uncertain environment. Specific topics include the basic laws of probability, random variables and characterizations of random variables as these relate to biostatistical and other health care statistical studies. The important steps of data analysis and interpretation of the results of these analyses are considered. Students are taught to use microcomputer based spreadsheet programs and statistical packages.
HIM 4344-Medical Record Department Operation 2	HSA 3750-Evaluation of Health Programs 3
Prerequisite: HIM 4306. Examination of the day to day operations of the medical record department. Emphasis on budgeting, personnel administration, forms analysis and design, and control of work and distribution. Medical transcription and word processing will be featured.	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.
HIM 4406-Health Records and Standards 3	HSA 4111-U.S. Health Care System 3
Prerequisite: HIM 4306. Examination of the standards and procedures for health information records in various health care delivery settings.	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.
HIM 4506-Quality Assessment 2	HSA 4150-Introduction to Health Policy 3
Prerequisite: HIM 4406. Examine the principles and practice of utilization review. Emphasis on medical audits, quality assurance and risk management.	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 policy-making process and debates related to major U.S. health care legislation.
HSA 3109-Foundations of Managed Care 3	HSA 4170-Health Care Finance 3
An examination of managed care as it applies to health and hospital services. Basic managed health care concepts will be emphasized.	Focuses on the variety of public and private mechanisms in the financing of health care. Trends and constraints will be reviewed, including developments in private health insurance and national health insurance.
HSA 3111-Introduction to Health Administration 3	HSA 4193-Health Information Systems II 3
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.	Prerequisite: HSA 3191. Examination of health information systems with focus on analysis of application for information systems in the health care delivery system. Emphasis will be placed upon skills necessary to employ the methods used to
HSA 3141-Health Planning 3	
Study of Planning Processes and their application to health care. Emphasizes planning techniques, epidemiology, demography and economics. Analytic techniques and tactical considerations toward plan implementation will be addressed.	
HSA 3160-Health Care Marketing 3	
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.	

evaluate a variety of types of information systems applications in a health care setting.

HSA 4384-Managed Care Planning & Evaluation **3**

An examination of quantitative methods for assessing managed health care systems and improving decision making. Examination of problems, allocation of resources and evaluation research will be emphasized.

HSA 4553-Health Law and Ethics **3**

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.

HSA 4850-Health Administration Internship **6**

Prerequisites: Completion of all course requirements and approval of the Program Director. 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.

HSA 4905-Independent Study **3**

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.

HSA 4930-Special Topics in Advanced Health Care Administration **3**

Administrative and financial issues faced by hospitals, ambulatory care settings, various forms of alternative health delivery systems, and the long-term care industry. Recent federal and state legislation will also be assessed.

HSA 4938-Seminar on Managed Care **3**

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.

HSA 4939-Special Topics in Aging Policy & Politics **3**

This course will introduce students to aging policy at the federal, state, and local level. Topics covered will include major landmarks in development of public policy for aging and the influence of seniors and senior organizations on the political process.

HSA 4941-Long-Term Care Administration Internship **9**

Prerequisites: Completion of program requirements, electives HSA 4939 and HSC 4563 and Program Director approval. The long-term care administration internship provides the student with the opportunity to gain practical experience and integrate classroom knowledge and theory in a skilled nursing facility setting. It is specifically designed to meet the state mandated internship requirements (rule 64B10-16 F.A.C) for admission to the Florida Nursing Home Administrators Licensure Examination.

HSA 4970-Senior Project **6**

Prerequisites: Completion of all major course requirements, minimum three years work experience in an administrative or management position within the health care field and approval of the Program Director.

This capstone course is designed to provide students who already have significant administrative or management experience in the health care field an opportunity to participate in a health related administrative or research project. Completed proposal and project approvals are required the semester prior to enrollment.

HSC 1578-Food, Health, Society **3**

This course is an introduction to how social, cultural, historical, political, and ecological factors impact health and food behaviors. Students will identify different US ethnic, racial and religious groups' food habits and discuss the relationship of culture to food persistence, food trends, and changes.

HSC 2000-Health Care Careers **3**

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.

HSC 2100-Personal Health Issues and Problems **3**

Examines health concerns of college age students. Raises levels of awareness and provides information needed to make informed health-related choices, encourages attitude change, and develops decision-making skills which facilitate more healthy lifestyle behaviors.

HSC 2400-First Aid Emergency Care **2**

Examination of the emergency care of sports injuries, the recognition of injury mechanisms and the means of injury prevention. Also focuses on emergency first aid in addition to preventive and therapeutic taping.

HSC 2930-Special Topics **v. 1-3**

Study of topics in the health field. Topics will vary each time the course is offered and will be based on the need to address current health issues or subjects in detail. May be repeated for a total of 6 credits with a change of course content.

HSC 3032-Foundations of Health Education **3**

Corequisites: HSC 3500 and HSC 4730. The purpose of this course is to introduce the students to health education as a discipline and as a profession. The interpretation of concepts, purposes, and theories of health education will be discussed. The impact of societal value systems on health programs will also be addressed. Strategies to select effective health education materials and to communicate health information will be emphasized. Strategies and techniques will be practiced,

and the benefits of fostering communication between health care providers and consumers will be reviewed.

HSC 3120-Consumer Issues in Healthcare 3

This course examines health care consumerism and resulting consumer-focused initiatives. Topics covered include online health care resources, the role of special interest groups, consumer advocacy and other related issues.

HSC 3212-The City and Health 3

The majority of the world's inhabitants will live in an urban environment by the end of this decade. The urban environment contrasts sharply with the environments that characterized human evolutionary history. This course considers the consequences of urbanization to human health and quality of life. Using popular and scholarly literature, other media and guest lectures, students will survey the history of health and disease in relation to place. An emphasis will be placed on the role of the social environment in the production of disease and ask: How do human biology, evolution, history, and culture intersect with the social and physical environments to produce ill health? What characteristics of urbanization and urbanicity impact well-being? How can the social sciences help us explain disease patterns and promote health in an increasingly urban world.

HSC 3304-Instructional Methods in Health Education 3

Corequisites: HSC 3032, HSC 3581, and HSC 3241.

This course provides a focus on educating individuals about healthful behaviors and motivating the adoption of a healthy lifestyle, whatever the setting. Included in the course are the methods, techniques, and resources used to implement health education programs. A field experience may be required.

HSC 3500-Epidemiology 3

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.

HSC 3523-History of Medicine/Disease 3

The development of the modern medical and allied health professions, with special reference to the U.S. from the late 18th through 20th century as well as social, scientific, and historical factors that determine the nature, extent and definition of disease.

HSC 3537-Medical Terminology 3

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.

HSC 3555-Diseases: Prevention, Intervention, Treatment 3

This course provides an examination of chronic, acute and contemporary diseases. Included in this course are the mode of transmission, symptoms, diagnostic procedures, prevention, control, and treatment for each disease.

HSC 3564-Aging in America 3

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.

HSC 3661-Health, Human Relations & Interpersonal Skills Building 3

Relationships compose a large part of our existence both personally and professionally. In the health care fields as in any profession, whether relationships begin, continue, or end depends largely on our interpersonal skills. The purpose of this course is to help students develop healthy, effective interpersonal skills in their personal and professional lives. This course provides an overview of the importance and power of interpersonal relationships, the difficulties inherent in cultivating interpersonal relationships, and the skills necessary to effectively develop and maintain professional health and personal relationships. Through didactic instruction and experiential activities student will learn a variety of interpersonal skills and techniques.

HSC 3713-Planning and Evaluating Health Programs 3

Prerequisite: HSC 3032 and HSC 3500. 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.

HSC 3990-Exp: Health Sciences v. 0-12

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.

HSC 4104-Lifestyle Modification 3

An examination of the wellness/health promotion movement and its place in the contemporary health care system. Application of such factors as physical fitness, nutritional awareness and stress management to personal lifestyles will be emphasized.

HSC 4133-Sexuality Education 3

Prerequisite: Must meet senior level status. **Corequisites:** 9 credit hours of 3-4000 level HSC courses. This course provides an overview of physiological, psychological, 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 school and community sexuality education programs are included in the course. Policy issues that affect sexuality education are also addressed.

HSC 4134-Mental and Emotional Health Education 3

Corequisites: 9 credit hours of 3-4000 level HSC courses. The purpose of this course is to examine educational planning and program implementation involved in facilitating

the development and maintenance of mental and emotional health. Communication skills effective for the helping professional are also addressed.

HSC 4150-Substance Abuse and Violence Prevention 3

Corequisites: 9 credit 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.

HSC 4160-Human Development, Health Behavior & Addiction 3

Study of the chronological and psychological developmental effects on behavior. A review of social and cultural backgrounds that influence patterns of mental health, substance use and abuse and how addiction and/or mental health problems create dysfunctional behavior socially, physiologically and sexually.

HSC 4181-Alternative Healing 3

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.

HSC 4563-Dimensions of Health for the Older Adult 3

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.

HSC 4572-Nutrition and Health 3

Prerequisite: CHM 2045C. A study of the processing and function of nutrients. Examines digestion, absorption and metabolism of nutrients as well as their food sources. Also examines energy balance, overweight and underweight and prevention of nutritional problems.

HSC 4579-Women's Health Issues 3

This course will direct students in exploring health concerns specific to women in the context of women's role in society. The course focuses on major threats to women's health, for example, heart disease, osteoporosis, and breast cancer. Students will explore recent research related to these diseases or conditions which impact women's health and identify how they may play a more proactive role in determining their own health.

HSC 4652-Healthcare Ethics & Cultural Diversity 3

This course will provide students a comprehensive overview of conventional health care ethics and a cross cultural perspective on selected issues. Issues to be discussed include death and dying, reproductive ethics, professional/client relationship, AIDS, biomedical research, genetics and health care resources. Methods of instruction include lecture, discussion, media presentations, and internet resources.

HSC 4663-Communicating Prevention Concerns & Resources 3

Study of communication theory and practice and health specific prevention information. Emphasis will be placed on strategies for fostering communication between health care and prevention providers and consumers. A focus will be placed on the prevention professional as a liaison between consumer groups, individuals and providers.

HSC 4730-Foundations Health Science Research 3

Prerequisite: HSC 3500. 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.

HSC 4800-Pre-Internship in Community Health Services 3

Prerequisite: Completion of all major program course requirements. The purpose of this course is to prepare students for the professional field of health education/health promotion. Students will review and practice the responsibilities of entry level health educators, prepare a professional portfolio and complete an internship work plan. This course will address issues of ethics, health disparities, multiculturalism and diversity in the health education/promotion profession. Students will be provided with an overview of and information about a variety of agencies and sites where health education/promotion is practiced. They will explore a variety of professional paths that exist in health education/promotion in preparation for selecting an internship site. A community field experience is required.

HSC 4814-Community Service Internship v. 1-9

Prerequisite: HSC4800. A concentrated internship under a supervisor in a selected work setting. Designed as a culminating experience which allows the student an opportunity to practice under careful observation and in cooperation with a skilled practitioner.

HSC 4900-Readings and Conference v. 1-3

In-depth readings and group discussions and conferences on selected topics of critical issue in the health science field. Student readings will vary each semester and will involve a formal survey of the literature and presentation of a summary analysis of findings.

HSC 4901-Skill Development in Health Administration 3

This course is designed to develop and enhance the skills necessary for success as a health care executive through on site study and practice of management in health care settings. Students will concentrate either on long term care or general health care administration. Each student will be expected to complete a major paper as partial satisfaction of course requirements.

HSC 4906-Independent Study and Research v. 1-3

Prerequisite: Permission of Department Chairperson. A specific health related research project conducted under the guidance of a faculty advisor. May be repeated up to 12 credits.

HSC 4910-Honors Research	v. 1-3	HUN 3601-Nutrition Education	3
<i>Prerequisites: HSC 4730 and admission to the Honors in the Major concentration in the College of Health.</i> 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 three credits total.		<i>Prerequisites: HUN 2201 and DIE 3213.</i> An introduction to the nature and methods of nutrition education. Students will apply learning theories and methods commonly used in nutrition education to lesson planning, development of educational materials, interviewing and counseling, and group workshops.	
HSC 4912-Projects	v. 1-3	HUN 4221-Science of Nutrition	3
Development and implementation or participation in conducting a designated project related to health science. Students will work with a faculty person to determine topic and project.		<i>Prerequisites: HUN 2201, CHM 2045C, BCH 3023C, FSS 1202, FSS 1202L, BSC 2085C, BSC 2086C.</i> This course covers the advanced study of nutrients and their functions in relation to human requirements. Advanced concepts of digestion, absorption, and metabolism of nutrients, food sources of nutrients, regulations governing addition of nutrients, and the processing, modification, and safety of foods will be discussed. Energy balance, overweight, underweight, and the prevention of nutritional problems will be covered.	
HSC 4931-Special Topics	3	HUN 4414-Sports Nutrition	3
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 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.		<i>Prerequisite: HUN 2201.</i> A detailed study of the relationship between athletic performance and nutrition. Topics covered include the energy systems and the fuel sources utilized; the role of protein, carbohydrates, and fat in the athlete's diet; appropriate vitamin and mineral intake; hydration and fluid replacements; ergogenic aids and nutritional quackery.	
HSC 4934-Seminars	v. 1-3	PET 3672-Observation & Practicum in Athletic Training I	3
Students will attend and present seminars conducted by faculty and other students. The seminars will focus on faculty and student interests and/or current issues in the health field.		<i>Prerequisites: Declared major in Athletic Training, PET 3603C, PET 3620 and HSC 2400.</i> 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.	
HUN 1001-Introduction to Nutrition Science	2	PET 3673-Observation & Practicum in Ath Training II	3
<i>Prerequisite: BSC 1005C.</i> This course is an introduction to nutrition science using the scientific method and natural sciences principles from biology and chemistry to explore nutrient structures, usage/metabolism, functions, sources, standards, and roles in health and disease; and basic research methods.		<i>Prerequisite: PET 3672.</i> 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.	
HUN 1003C-Weight Management through Nutrition & Fitness	2	PET 3771C-The Bus & Practice of Personal Training	3
Students will describe the nutrition and fitness principles of weight management and identify obstacles of, and set personal goals for, weight management. The students will describe and evaluate the major types of weight management techniques, products, and programs available in the U.S. market. Students will develop recipes and prepare dishes that are based on their personal weight management plan.		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.	
HUN 2000-Contemporary Nutrition Issues	3	SLS 3316-Introduction to Health Professions	3
Student will identify basic concepts in nutrition, be introduced to eating patterns in the United States, and discuss the relationship of contemporary food and nutrition to current health issues.		This course will provide the student with an overview of the positions in the health care industry. The course will in addition focus on the development of personal skills required for success in job seeking and retention.	
HUN 2201-Basic Principles of Human Nutrition	3		
An introductory course in foods and nutrition relative to the health and well being of the individual or community. Dietary habits, nutrient requirements, food choices and good eating practices, menu planning, shopping for food and food preparation will be studied. Myths and misinformation in nutrition are identified in relation to facts.			
HUN 3403-Life Span Nutrition	3		
<i>Prerequisites: FSS 1202, FSS 1202L, HUN 2201, CHM 2045C, BSC 2085C, BSC 2086C.</i> Students will assess nutrient needs of individuals at different stages of the life cycle and plan menus that meet their nutritional needs.			

Coggin College of Business



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Mission

To educate and develop business professionals through rigorous, relevant accredited degree programs offered by a faculty devoted to student learning and engaged in scholarly activities.

Vision

To be the business school of first choice for well-prepared students seeking interaction with faculty who are dedicated to student learning and are nationally recognized in their disciplines.

Values

1. We believe continuous learning is essential to the development of successful and business professionals.
2. We believe that a global perspective is critical to a relevant business education.
3. We believe that effective business education:
 - a. Provides opportunities for transformational learning activities, such as internships, study abroad, research with faculty, guest lectures.
 - b. Emphasizes career development and placement opportunities.
 - c. Requires interaction between faculty and students inside and outside the classroom.
4. We believe we have a responsibility to develop resources to enhance our capacity to achieve our mission, realize our vision, and adhere to our values.

The curriculum is oriented toward professionalism and stresses analytical ability and principles rather than existing current or past techniques. The use of several methods of instruction, both within the classroom and outside the classroom, is encouraged.



The University's Thomas G. Carpenter Library, University computer facilities, and modern audio-visual technology are central to all aspects of the curriculum.

Coordination of the broad undergraduate educational process requires careful articulation, primarily with neighboring community colleges, as well as with other colleges and divisions within the University. About half of the undergraduate program is in general subjects, and almost a full year devoted to acquiring a common body of knowledge and corollary skills in business administration, including the environment of business. An opportunity for advanced work is available in most traditional business disciplines.

With the help of academic and career advisors, the student chooses a path through a major that strives to produce or to increase creativity and understanding of cause and effect relationships. Courses with this emphasis stress the behavioral and quantitative sciences as they relate to decision-making problems in organizations.

The Coggin College of Business is fully accredited at both the undergraduate and graduate levels by AACSB International – The Association to Advance Collegiate Schools of Business. Further, the Accounting programs at both the undergraduate and graduate levels have received separate accreditation by AACSB International – The Association to Advance Collegiate Schools of Business. AACSB is the premier accrediting agency for business schools internationally with only 551 business schools holding this distinction and only 167 accounting programs holding this distinction.

The Coggin College of Business adheres to the admission policy of the University, described in the Admission section of this catalog, and recommends some specific lower-level courses. These lower-level requirements, together with a general outline of all requirements for graduation, are detailed below. In addition, all students must satisfy the state of Florida's foreign language requirement, either in high school or at the lower-level. For details, students should see the appropriate section of this catalog or an academic advisor.

Wall Street Journal Partnership

Each student enrolling in one or more Coggin College of Business courses numbered 3000 or higher is assessed a fee each semester. In return, each student is able to pick up a copy of The Wall Street Journal (WSJ) from locations within the college. Moreover, each student may access all of the WSJ's online editions (e.g., European, Asian). Additional information is available at www.unf.edu/coggin/wsj.htm.

Study Abroad Opportunities

The Coggin College of Business provides its students with opportunities to experience first-hand the international aspects of business. Therefore, the College has set up student and faculty exchange agreements with institutions of higher learning throughout the world. The College's current exchange partners include the following:

- Al-Akhawayn University (Ifrane, Morocco)
- Auckland University of Technology (Auckland, New Zealand)
- Beijing International Studies University (Beijing, China)
- Dongbei University of Finance and Economics (Dalian, China)
- EUROMED (Marseilles, France)
- ESC-Rennes (Rennes, France)
- ESCEM (Poitiers and Tours, France)
- ESG-Paris (Paris, France)
- European Business School (Paris, France)
- Fachhochschule Köln (Cologne, Germany)
- Göteborg University (Göteborg, Sweden)
- Universidad Austral (Rosario, Argentina)
- Universidade Gama Filho (Rio de Janeiro, Brazil)

- Universidad Iberoamericano (Santo Domingo, Dominican Republic)
- University of Madras (Madras, India)
- Universidad Mayor (Santiago, Chile)
- Universidad de Montevideo (Montevideo, Uruguay)
- Uniwersytetu Warszawskiego (Warsaw, Poland)

UNF has additional exchange partners at which Coggin students may study (visit The UNF International Center for a current list).

Students may study at one or more of these institutions for a semester or a year. At some institutions, students may take courses in English; at others, students must be fluent in a foreign language. Students participating in these exchanges pay tuition to UNF. The partner institutions charge no additional tuition or fees. Credits earned may count in the student's degree program at UNF.

The Coggin College of Business also offers short-term, faculty-led study abroad courses for credit. Typically, the Coggin College offers such study tours during spring break and summer breaks. These courses allow students to experience the culture and business practices of another nation directly, through lectures from university faculty, business visits, and discussions with foreign social and political leaders and students.

In some degree programs, students may also be eligible to complete internships abroad for course credit.

Detailed information about exchange and study abroad opportunities is available through the Study Abroad links at www.unf.edu/coggin/intlbus/.

Coggin College Policy on use of International Academic Experience in Undergraduate Degree Evaluations

Definitions: The Coggin College of Business allows its students to use in their degree evaluations the following three types of international academic experiences:

1. *Coggin-sponsored Faculty-led Study Abroad Courses*, which include international travel and business visits as an integral part of a larger courses that focuses on business issues
 - a. Undergraduate students may use only one Coggin-sponsored faculty-led study abroad course (i.e., three credits) as a major elective.
 - b. Undergraduate students *may not* use non-Coggin faculty-led study abroad courses as major electives.
 - c. Students may use credits from Coggin-sponsored faculty-led study abroad courses elsewhere in their degree evaluations, including satisfying the following requirements:
 - i. Coggin Cultural Diversity
 - ii. Non-business Electives
 - iii. Free Elective

2. *Non-Coggin Faculty-led Study Abroad Courses* (i.e., those sponsored by other UNF colleges), which include international travel as an integral part of a larger course that focuses on non-business issues.
 - i. Coggin Cultural Diversity
 - ii. Non-business Elective
 - iii. Free Elective
3. *Student Exchange Programs*, which provide students with the opportunity to take courses at foreign institutions. Most student exchanges are one or two semesters in duration. Shorter-term exchanges include the University of Provence and University of Montevideo (one month each) summer exchanges. Undergraduate students may use credits from student exchange experiences in their degree evaluations.

In all cases, the student and his/her advisor must agree in writing regarding how credits will be used *before* the student begins the study abroad or exchange experience.

Advisement

Each student must have an official degree evaluation filed with the Student Service Center of the Coggin College of Business. Students should meet with an advisor concerning their program requirements as early as possible, preferably before registration for their first semester at UNF. Degree Evaluations (previously known as Programs of Study) are prepared after students' transcripts have been evaluated by the Office of Admissions. The Coggin College of Business Student Service Center is located in the Coggin College of Business Building, Room 2021, (904) 620-2575. Visit our Web page at www.unf.edu/coggin/advising/index.htm.

Academic Policies

The Coggin College of Business adheres to all academic policies and regulations of the University. In addition, the policies listed below apply to all undergraduate students in the Coggin College of Business. Individuals needing clarification of any of these policies, or an interpretation of how a policy might apply in a given situation, should contact the Student Service Center in the Coggin College of Business, located in the Coggin College of Business Building, Room 2021, (904) 620-2575.

Required GPA

Students graduating with a BBA degree must have a minimum 2.0 GPA in all course work taken at UNF and in all upper-level course work taken at UNF. All students are required to have a minimum 2.0 GPA prior to enrolling in MAN 4720 Strategic Management and Business Policy or MAR 4803 Strategic Marketing.

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 Associate Dean of the College, and students must meet these conditions in order to continue their studies in the Coggin College of Business.

Probation/Suspension Policy

If an undergraduate student's current term or total institution GPA drops below 2.0, the student will be placed on probation. Probationary status will remain in effect until both of the student's GPAs become 2.0 or higher. If both the current term and total institution GPA fall below 2.0 during the next term of enrollment, the student will be suspended. Students with a total institution GPA below 2.0 may not enroll in Business Policy. First suspension: the student is not allowed to enroll in courses for one semester. Second suspension: the student is not allowed to enroll in course for two semesters. Third suspension: the student is not allowed to enroll in courses for at least three semesters (i.e., one full calendar year). A student cannot take MAN 4720 (Strategic Management and Business Policy) if on probation. Students wishing to be readmitted to the Coggin College after a third suspension must reapply through the UNF admissions process.

Lower-Level Foundation

The lower-level foundation courses for the Coggin College of Business are prerequisites for all Coggin College of Business courses. Foundation courses are ACG 2021 (Principles of Financial Accounting), ACG 2071 (Principles of Managerial Accounting), ECO 2013 (Principles of Macroeconomics), ECO 2023 (Principles of Microeconomics), MAC 2233 (Calculus for Business), STA 2023 (Elementary Statistics for Business), and CGS 1100 (Computer Applications for Business). A grade of "C" or better is required in each of these foundation courses. A student should complete both these foundation courses and all lower-level requirements before taking upper-level work in the Coggin College of Business. With the permission of an academic advisor, a student may enroll in limited upper-level course work while completing the lower-level prerequisites. Foundation course work is also subject to the continuous enrollment rule described below. Admission requirements vary among programs at the eleven Florida public universities. To ensure that they have met all foundation requirements, transfer students from Florida community colleges should complete the following courses as part of their Associate in Arts degree: ACG 2021 (or ACG 2001 and ACG 2011), ACG 2071, ECO 2013, ECO 2023, MAC 2233, STA 2023 (or QMB 2100), and CGS 1100.

General Education and Foreign Language

All Coggin College of Business students (including transfers) are expected to complete all general education and foreign language requirements before reaching senior standing (90 credit hours). Students who do not comply with this policy may have their enrollment restricted to specific courses.

Continuous Enrollment

Required upper-level courses may be included in a student's degree evaluation as long as the coursework was completed within ten years of the beginning of continuous enrollment in the Coggin College of Business at UNF. In addition, at least half of the major coursework must have been completed within five years of the beginning of continuous enrollment in the Coggin College of Business. This policy applies both to courses taken at UNF and courses taken at other institutions. For the purpose of this policy, continuous enrollment means enrollment for the purpose of seeking a degree and completion of one or more courses per term without a break of three consecutive terms (summer counts as one term).

Courses Taken at Other Institutions

Students desiring to transfer upper-level course work to the Coggin College of Business must have that work approved and entered into a degree evaluation by an academic advisor in the Student Service Center in the Coggin College of Business. Students in the Coggin College of Business may transfer in a maximum of six credits of major courses in their degree evaluation. Degree-seeking Coggin College of Business students who have matriculated must satisfactorily complete all upper-level course work at UNF, unless prior written approval from the appropriate academic advisor or academic official is obtained. Further, matriculated students must complete all remaining prerequisite courses at UNF unless prior approval is obtained from their academic advisor. Students who enroll in upper-level courses at another institution while suspended from UNF may not transfer these credits back to UNF to satisfy any requirements of their degree programs. Students who are on academic probation at UNF may not enroll in lower-level course work at another institution unless prior written approval is obtained from the appropriate academic advisor.

Concurrent Enrollment

Concurrent enrollment at another college or university is not allowed during a student's graduating semester.

"D" Grades

There are several cases in which a "D" grade may not satisfy specific college or departmental requirements. Cases where "D" grades are not acceptable in the Coggin College of Business include "D" grades transferred from another institution, "D" grades made in the Coggin College of Business prerequisite courses (see the current listing of these courses on the following page), and "D" grades made in the common body of knowledge (core courses in business). All majors in the Coggin College of Business must earn grades of "C" or better in their major courses. For more information, please see the appropriate departmental major in the Coggin College of Business below.

Admission from a Non-Degree or Special Student Status

Students seeking a BBA degree from the Coggin College of Business should meet all admission deadlines and policies and enroll as degree-seeking students. Students who are permitted to enroll as non-degree/non-admitted students (see Admissions section of this catalog) may apply after one semester to be degree-seeking students in the Coggin College of Business. This application must be made early enough to allow the student to be accepted as a degree-seeking student prior to taking any additional course work at UNF. In no case should a student continue in a non-degree/non-admitted status beyond one term. These students are subject to all college admission requirements. No more than 12 credit hours earned as a non-degree/non-admitted student may be transferred to an undergraduate degree program in the Coggin College of Business. Students enrolling in a non-degree/non-admitted status may not take upper-level business courses until all prerequisites have been satisfied.

Second Undergraduate Degree in Business Administration

In order to earn a BBA degree from UNF, students who already hold a bachelor's degree in Business Administration must complete a minimum of 30 additional hours at UNF. This coursework must be directly related to the new major and new degree. A minimum of 21 credit hours of course work must be taken in the Coggin College of Business, of which at least 12 hours must be in the desired new major. Therefore, students desiring to earn a second bachelor's degree in Business Administration must have an approved degree evaluation before beginning work on the second degree.

For additional information on all academic policies for the Coggin College of Business, please consult the website at www.unf.edu/ccb/advising/policies.htm.

Multiple Minors

Undergraduate students pursuing a BBA degree in the Coggin College of Business who wish to pursue more than one minor may do so. Students should contact their academic advisor and have the multiple minors incorporated into their degree evaluation. Students should not just assume that taking the courses required for the minor will ensure that the minor will be recorded in their academic record (degree evaluation and transcript). Students pursuing the BBA degree are not required to choose a minor.

Honors in the Major Program

The Honors Program at UNF is designed for the student who is intellectually mature and seeks the challenge of academic work that is 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. The second is the "Honors in the Major" program open to upper-level students in the Coggin College of Business. A student does not have to be in the lower-level honors program to enroll in the upper-level "Honors in the Major" program.

The Coggin College "Honors in the Major" program includes a mentor experience, an individualized curriculum, a research experience, an honors colloquium, and special recognition on the student's transcripts and diploma. Admission is competitive and limited to students who have a cumulative GPA of 3.5 or better. More information on additional admission requirements and procedures for applying to the program can be obtained from the Coggin College of Business Student Service Center (904) 620-2575.

Bachelor of Business Administration Curriculum

I. Recommended Lower-Level or Community College Curriculum 60 Hours

General Education, General Electives, and Required Courses

- a) Required lower-level courses

Principles of Financial Accounting	3 hours
Principles of Managerial Accounting	3 hours
Principles of Macroeconomics	3 hours
Principles of Microeconomics	3 hours
Elementary Statistics for Business	3 hours
Calculus for Business	3 hours
Computer Applications for Business	3 hours

A minimum grade of "C" is required in each of these courses
- b) Other General Ed and General Electives 39 hours

II. Upper-Level Requirements 60 Hours

- a) Courses Common to all Majors 21 hours

FIN 3403	Financial Management	3 hours
MAR 3023	Principles of Marketing	3 hours
MAN 3504	Production/Operations and Logistics Management	3 hours
MAN 3025	Administrative Management	3 hours
SOP 3004	Social Psychology	3 hours

[Note: SOP 3004 may not be common to all majors.]

BUL 3130	Legal Environment of Bus	3 hours
MAN 4720	Strategic Mgmt & Bus Policy	3 hours
- b) Area of Concentration 18-29 hours
- c) Req Bus Courses (3000-level or higher) 3-15 hours

Approved Quantitative Course	3 hours
Approved Economics Course	3 hours
Approved Information Systems Course	3 hours
Approved "International" Course	3 hours

- d) Required Non-Business Courses 3-6 hours

Approved Cultural Diversity Course	3 hours
Approved Oral Communication Course (student may substitute an upper-level non-business elective if this requirement was satisfied at the lower level)	3 hours
- e) Other Electives 0-3 hours

III. Total Requirements for a Degree 120 Hours

Department of Accounting & Finance

John P. McAllister, Dean & Professor

Bobby Waldrup, Associate Dean & Associate Professor

Charles H. Calhoun, Professor & Chair

Thomas L. Barton, Professor & Chairholder

Timothy Bell, Professor, Chairholder & Coggin Distinguished Professor of Accounting

Reinhold P. Lamb, Professor & Chairholder

John B. MacArthur, Professor & Chairholder

Homer L. Bates, Professor

Jeffrey E. Michelman, Professor

Parvez Ahmed, Associate Professor

Cheryl J. Frohlich, Associate Professor

David Jaeger, Associate Professor

John E. McEldowney, Associate Professor

Sidney B. Rosenberg, Associate Professor & Chairholder

Oliver Schnusenberg, Associate Professor

Bettie M. Adams, Assistant Professor

John Adams, Assistant Professor

Pieter de Jong, Assistant Professor

Lynn M. Comer-Jones, Assistant Professor

Hubert W. Gill, Senior Instructor

Diane L. Tanner, Senior Instructor

James McCague, Instructor

(904) 620-2630

www.unf.edu/coggin/actfin

The MAcc and BBA in Accounting degree programs are separately accredited by AACSB International – The Association to Advance Collegiate Schools of Business. In accounting, less than 168 institutions have achieved AACSB accreditation at various degree levels.

The University of North Florida's accounting programs are among the best in the nation in preparing students to successfully take the Uniform CPA examination. UNF students have consistently ranked high in the nation in terms of the percentage of first-time candidates without advanced degrees passing all sections of the examination.

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 services programs are committed to providing high-quality undergraduate and graduate instruction, with particular emphasis on accounting, finance and financial services 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 services.
- To provide a professionally oriented Master of Accountancy degree which enables career advancement in the accounting profession and the additional accounting coursework necessary to take the CPA examination under Florida's accountancy law.
- To provide MBA students seeking to fulfill the CPA requirements the coursework necessary to take the CPA examination 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 services, 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.

One Course Repeat Rule: The Department of Accounting and Finance enforces the "one repeat rule" for all upper-division courses taught in the department, except FIN 3403 and FIN 4604. This rule applies to any course with a prefix of ACG, FIN, REE, RMI, or TAX. Students who do not successfully complete a course on the first attempt (i.e., earn a grade of D, F, W, WP, or WF) will be granted one chance to repeat the course. Students who do not successfully complete a course with two attempts will not be permitted to register for the course in future semesters.

Accounting Major

The objectives of the BBA in Accounting are:

1. To attract and retain students from diverse backgrounds with the abilities required for success in accounting careers.
2. 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.
3. To provide exposure to economic, global, political, social, legal, ethical, regulatory, environmental, and technological issues.
4. To encourage students to become active in professional organizations in accounting and taxation.
5. To maintain an AACSB accredited undergraduate degree program.
6. To prepare students to enter quality graduate programs.
7. To provide students not seeking a graduate degree a means of fulfilling the CPA requirements in Florida.
8. To provide internship and field experience opportunities to students.
9. To provide students the opportunity to work with faculty on research projects.
10. 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.

Major: Accounting
Degree: Bachelor of Business Administration

Prerequisites (21 credits)

21 credit hours are required.

Grade of "C" or better is required in all prerequisites.

ACG 2021 3 Prin of Financial Accounting
Acceptable substitute: ACG X021 or (ACG X001 + ACG X011)

ACG 2071 3 Prin Managerial Accounting
Acceptable substitute: ACG X071

CGS 1100 3 Computer Applications for Bus
Acceptable substitute: CGS X100, CGS X530, CGS X570, CGS X060, CGS X531, CGS X000, or MAN X812

ECO 2013 3 Prin of Macroeconomics
Acceptable substitute: ECO X013

ECO 2023 3 Prin of Microeconomics
Acceptable substitute: ECO X023

MAC 2233 3 G(M) Calculus for Business
Acceptable substitute: MAC X233

STA 2023 3 G(M) Elem Statistics-Business
Acceptable substitute: STA X023 or QMB X100

Core Requirements (21 credits)

21 credit hours are required. A grade of "C" or better is required in all core courses.

MAN 4720 is taken in a student's last semester.

FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130 3 Legal Environment Of Business

FIN 3403 3 Financial Management

MAN 3025 3 Administrative Management

MAN 3504 3 Prod/Operations/Logist Manage

MAR 3023 3 Principles Of Marketing

SOP 3004 3 Social Psychology

MAN 4720 3 Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (24 credits)

24 credit hours are required. 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.

ACG 3103 3 Intermediate Accounting I

ACG 3113 3 Intermediate Accounting II

ACG 3123 3 Intermediate Accounting III

ACG 4361 3 Cost Accounting

ACG 4401 3 Accounting Information Systems

TAX 3001 3 Federal Income Tax

ACG 4651 3 Auditing

Select one elective course 3 credit

ACG or TAX (3000 - 4000 level) excluding TAX 3721

Business Electives (3 credits)

3 credit hours required. Select 1 elective with 3 credits.

ACG 4251 International Accounting (*recommended*)

FIN 4604 International Finance

ECO 3704 International Trade

MAN 4600 International Management

or

MAR 4156 International Marketing

Required Business (6 credits)

6 credit hours are required.

ECO 3203 3 Intermediate Macroeconomics

MAN 4550 3 Introduction to Mngmt Science

Non-Business Requirements (6 credits)

6 credit hours are required. The Cultural Diversity course should be chosen from the list at: <http://www.unf.edu/coggin/academic/cultural-diversity.htm>

SPC 4064 3 Public Speaking Professionals
and

1 cultural diversity course

Finance Major and Financial Services Major

The shared objectives of the BBA in Finance and the BBA in Financial Services are:

1. To attract and retain students from diverse backgrounds with the abilities required for success in finance careers.
2. 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.
3. To provide exposure to global, political, social, legal, ethical, regulatory, environmental, and technological issues.
4. To encourage students to become active in professional organizations in finance.
5. To provide internship and field experience opportunities to students.
6. To provide students an opportunity to work with faculty on research projects.
7. To provide students opportunities for international travel and study.

Finance Major

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. The program offers three primary focuses.

Option 1: 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.

Option 2: 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 concentration 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.

Option 3: 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. Requests for course substitutions in order to graduate without required concentration courses will rarely be granted. Students are warned not to delay taking their finance courses because of prerequisites and limited course offerings.

Major: Finance
Concentration: Corporate
Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of “C” or better is required in all prerequisites.

ACG 2021	3	Prin of Financial Accounting
Acceptable substitute: ACG X021 or (ACG X001 + ACG X011)		
ACG 2071	3	Prin Managerial Accounting
Acceptable substitute: ACG X071		
CGS 1100	3	Computer Applications for Bus
Acceptable substitute: CGS X100, CGS X530, CGS X570, CGSX060, CGS X531, CGS X000, or MAN X812		
ECO 2013	3	Principles of Macroeconomics
Acceptable substitute: ECO X013		
ECO 2023	3	Principles Of Microeconomics
Acceptable substitute: ECO X023		
MAC 2233	3	G(M) Calculus for Business
Acceptable substitute: MAC X233 or MAC X230		
STA 2023	3	G(M) Elem Statistics-Business
Acceptable substitute: STA X023, STA X122 or QMB X100		

Core Requirements (21 credits)

21 credit hours are required. A grade of “C” or better is required in all core courses.
 MAN 4720 is taken in a student’s last semester.
 FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130	3	Legal Environment of Business
FIN 3403	3	Financial Management
MAN 3025	3	Administrative Management
MAN 3504	3	Prod/Operations/Logist Manage
MAR 3023	3	Principles of Marketing
SOP 3004	3	Social Psychology
MAN 4720	3	Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (27 credits)

27 credit hours required. Grade of “C” or better is required in all major courses.

ACG 3103	3	Intermediate Accounting I
FIN 3233	3	Money & Banking
FIN 4504	3	Investments
FIN 4414	3	Financial Management II
ACG 4361	3	Cost Accounting
FIN 4461	3	Financial Statement Analysis
FIN 4604	3	International Finance
ISM 4011	3	Intro Management Info Systems

Choose 1 course

FIN 4514, FIN 4557, or RMI 4135

Required Business (6 credits)

6 credit hours are required.

ECO 3203	3	Intermediate Macroeconomics
ECO 3411	3	Business/Economic Statistics

Non-Business Requirements (6 credits)

6 Credit hours are required. The Cultural Diversity course should be chosen from the list at: <http://www.unf.edu/coggin/academic/cultural-diversity.htm>

SPC 4064	3	Public Speaking Professionals
and		
1 cultural diversity course		

Major: Finance
Concentration: Investments
Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of “C” or better is required in all prerequisites.

ACG 2021	3	Prin of Financial Accounting
Acceptable substitute: ACG X021 or (ACG X001 + ACG X011)		
ACG 2071	3	Prin Managerial Accounting
Acceptable substitute: ACG X071		
CGS 1100	3	Computer Applications for Bus
Acceptable substitute: CGS X100, CGS X530, CGS X570, CGSX060, CGS X531, CGS X000, or MAN X812		
ECO 2013	3	Principles of Macroeconomics
Acceptable substitute: ECO X013		
ECO 2023	3	Principles of Microeconomics
Acceptable substitute: ECO X023		
MAC 2233	3	G(M) Calculus for Business

Acceptable substitute: MAC X233 or MAC X230
STA 2023 3 G(M) Elem Statistics-Business
Acceptable substitute: STA X023, STA X122 or
QMB X100

Core Requirements (21 credits)

21 credit hours are required. A grade of "C" or better is required in all core courses.

MAN 4720 is taken in a student's last semester.

FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130	3	Legal Environment Of Business
FIN 3403	3	Financial Management
MAN 3025	3	Administrative Management
MAN 3504	3	Prod/Operations/Logist Manage
MAR 3023	3	Principles Of Marketing
SOP 3004	3	Social Psychology
MAN 4720	3	Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (27 credits)

27 credit hours are required. "C" or better is required in all major courses.

FIN4533 is normally offered in the fall semester only.

Courses can be used only once in a student's degree program.

FIN 3233	3	Money And Banking
FIN 4504	3	Investments
FIN 4604	3	International Finance
FIN 4461	3	Financial Statement Analysis
ISM 4011	3	Intro Management Info Systems
REE 4043	3	Real Estate Analysis
FIN 4533	3	Derivatives

Choose 1 course

FIN 4514 or FIN 4557

Choose 1 course

ACG 3103, FIN 4414, FIN 4132, FIN 4514, or
FIN 4557

Required Business (6 credits)

6 credit hours are required.

ECO 3203	3	Intermediate Macroeconomics
ECO 3411	3	Business/Economic Statistics

Non-Business Requirements (6 credits)

6 credit hours are required. The Cultural Diversity course should be chosen from the list at: www.unf.edu/coggin/academic/cultural-diversity.htm.

SPC 4064 3 Public Speaking Professionals
and

1 cultural diversity course

Major: Finance

Concentration: Real Estate

Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of "C" or better is required in all prerequisites.

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ACG 2021 3 Prin of Financial Accounting
Acceptable substitute: ACG X021 or (ACG X001 +
ACG X011)

ACG 2071 3 Prin Managerial Accounting
Acceptable substitute: ACG X071

CGS 1100 3 Computer Applications for Bus
Acceptable substitute: CGS X100, CGS X530,
CGS X570, CGS X060, CGS X531, CGS X000, or
MAN X812

ECO 2013 3 Principles of Macroeconomics
Acceptable substitute: ECO X013

ECO 2023 3 Principles of Microeconomics
Acceptable substitute: ECO X023

MAC 2233 3 G(M) Calculus For Business
Acceptable substitute: MAC X233 or MAC X230

STA 2023 3 G(M) Elem Statistics-Business
Acceptable substitute: STA X023, STA X122 or
QMB X100

Core Requirements (21 credits)

21 credit hours are required. A grade of "C" or better is required in all core courses.

MAN 4720 is taken in a student's last semester.

FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130	3	Legal Environment of Business
FIN 3403	3	Financial Management
MAN 3025	3	Administrative Management
MAN 3504	3	Prod/Operations/Logist Manage
MAR 3023	3	Principles of Marketing
SOP 3004	3	Social Psychology
MAN 4720	3	Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (24 credits)

24 credit hours are required. Grade of "C" or better is required in all major courses.

FIN 3233	3	Money & Banking
FIN 4504	3	Investments
FIN 4604	3	International Finance
ISM 4011	3	Intro Management Info Systems
REE 4043	3	Real Estate Analysis
REE 4103	3	Real Estate Appraisal

REE 4103 is normally offered in the fall Semester

REE 4303 3 Real Estate Finance/Investment

REE 4303 is normally offered in spring semester

Choose 1 course

3000 or 4000 level course from: ACG/FIN/REE/RMI/
TAX Excluding FIN 3140

Required Business (6 credits)

6 credit hours are required.

ECO 3101	3	Intermediate Microeconomics
ECO 3411	3	Business/Economic Statistics

Non-Business Requirements (9 credits)

9 credit hours are required.

SPC 4064 3 Public Speaking Professionals

Choose* 1 course

BCN3 762, BCN 4587, or GIS 3043

Select 1 cultural diversity

Select one course from the Coggin approved Cultural Diversity list: www.unf.edu/coggin/academic/cultural-diversity.htm.

Financial Services Major

The major in financial services is designed for the student who is interested in a career in the dynamic financial services sector which includes personal financial planning, banking, insurance, and related areas.

Financial Planning Concentration: This concentration integrates finance, accounting, employee benefits, and insurance. The objective is to prepare students for careers in the growing fields of financial services and financial planning. 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 services should be arranged by students with their academic advisor in conformance with the general requirements outlined below.

The requirements for a major in financial services 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.

Major: Financial Services Concentration: Financial Planning Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of "C" or better is required in all prerequisites.

ACG 2021 3 Prin Of Financial Accounting
Acceptable substitute: ACG X021 or (ACG X001 + ACG X011)

ACG 2071 3 Prin Managerial Accounting
Acceptable substitute: ACG X071

CGS 1100 3 Computer Applications For Bus
Acceptable substitute: CGS X100, CGS X530, CGS X570, CGS X060, CGS X531, CGS X000, or MAN X812

ECO 2013 3 Principles Of Macroeconomics
Acceptable substitute: ECO X013

ECO 2023 3 Principles Of Microeconomics
Acceptable substitute: ECO X023

MAC 2233 3 G(M) Calculus For Business
Acceptable substitute: MAC X233 or MAC X230

STA 2023 3 G(M) Elem Statistics-Business
Acceptable substitute: STA X023, STA X122 or QMB X100

Core Requirements (21 credits)

21 credit hours are required. A grade of "C" or better is required in all core courses.

MAN 4720 is taken in a student's last semester.

FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130 3 Legal Environment of Business

FIN 3403 3 Financial Management

MAN 3025 3 Administrative Management

MAN 3504 3 Prod/Operations/Logist Manage

MAR 3023 3 Principles of Marketing

SOP 3004 3 Social Psychology

MAN 4720 3 Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (27 credits)

This program requires 27 hours in the major.

"C" or better is required in all major courses.

FIN 3233 3 Money And Banking

FIN 4504 3 Investments

FIN 4604 3 International Finance

ISM 4011 3 Intro Management Info Systems

TAX 3721 3 Tax Plan in Finanical Decisions

FIN 4514 3 Securities Analysis/Portf Mgmt

RMI 4135 3 Employee Benefit Plans

(RMI 4135 - to be taken in spring semester)

RMI 3011 3 Risk Management & Insurance

FIN 4134 3 Estate Planning

Required Business (6 credits)

6 credit hours are required.

ECO 3203 3 Intermediate Macroeconomics

ECO 3411 3 Business/Economic Statistics

Non-Business Requirements (6 credits)

6 credit hours are required. The Cultural Diversity course should be chosen from the list at: <http://www.unf.edu/coggin/academic/cultural-diversity.htm>

SPC 4064 3 Public Speaking Professionals
and

one cultural diversity course

Department of Economics and Geography

Paul M. Mason, Professor & Chair

Jeffrey W. Steagall, Professor & Director,
International Business Program

Louis A. Woods, Professor
Mina N. Balamoune-Lutz, Associate Professor
Sharon C. Cobb, Associate Professor
Andrés Alberto Gallo, Associate Professor &
 Director, Center for International Business Studies
Harriet A. Stranahan, Associate Professor
Lian An, Assistant Professor
Christopher K. Johnson, Assistant Professor
Chung Ping Loh, Assistant Professor
Rujikorn Pavasuthipaisit, Assistant Professor
W. Thomas Coppedge, Instructor
Mary Beal-Hodges, Visiting Assistant Professor
Wayne C. Coleman, Instructor
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www.unf.edu/coggin/econ

The program of the Department of Economics and Geography is designed to provide 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 jobs in business, government, finance, and the professions. 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.

Students should choose their elective courses in economics in support of their expected career goals. The department faculty recommends the following:

Students interested in emphasizing international economics, should take 3 of the following:

- ECO 3704 International Economics
- ECO 4713 International Monetary System
- ECS 3013 Economic Development
- ECS 3303 Current Issues in the Economics of the European Union
- ECS 3403 Current Issues in the Econ of Latin Amer

Students planning to enroll in law school, should take 3 of the following:

- ECO 4504 Public Finance
- ECP 3403 Economics of Industrial Organization
- ECP 3451 Law, Economics, and Public Policy
- ECP 4413 Government and Business

Students planning to enroll in graduate school economics, should take 3 of the following:

- ECO 3411 Business and Economic Statistics
- ECO 4303 History of Economic Thought
- ECO 4xxx Mathematical Economics
- GIS 3043 Introduction to Geographic Info Systems

The faculty strongly recommends that these students pursue at least a minor in mathematics or statistics, to include some of the following courses, (note that graduate school admission requirements in economics

often require Calculus I and II and Linear Algebra):

- Calculus I and II (additional courses are encouraged)
- Linear Algebra
- Differential Equations
- Probability and Statistics at the upper-division level
- Statistical Methods I and II
- Statistical Theory

Students seeking to enter the work force after receipt of their bachelor's degree, or a more general curriculum, should take 3 of the following:

- ECO 4223 Monetary Economics
- ECP 3403 Economics of Industrial Organization
- ECP 3530 Health Economics and Policy
- ECP 3613 Urban Economics
- ECP 3703 Managerial Economics
- ECP 4413 Government and Business

Students expecting to work in the field of planning should take

- GIS 3043 Introduction to Geographic Info Systems
- GIS 4048 Intermediate Geographic Info Systems
- One of the courses listed above

Students receiving a BBA degree with a major in economics must meet all requirements for that degree, including the pre-requisites and the 21 hours common to all majors in the college.

Major: Economics
Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of "C" or better is required in all prerequisites.

- | | | |
|--|---|-------------------------------|
| ACG 2021 | 3 | Prin of Financial Accounting |
| Acceptable substitute: ACG X021 or (ACG X001 + ACG X011) | | |
| ACG 2071 | 3 | Prin Managerial Accounting |
| Acceptable substitute: ACG X071 | | |
| CGS 1100 | 3 | Computer Applications For Bus |
| Acceptable substitute: CGS X100, CGS X530, CGS X570, CGS X060, CGS X531, CGS X000, or MAN X812 | | |
| ECO 2013 | 3 | Principles of Macroeconomics |
| Acceptable substitute: ECO X013 | | |
| ECO 2023 | 3 | Principles of Microeconomics |
| Acceptable substitute: ECO X023 | | |
| MAC 2233 | 3 | G(M) Calculus for Business |
| Acceptable substitute: MAC X233 or MAC X230 | | |
| STA 2023 | 3 | G(M) Elem Statistics-Business |
| Acceptable substitute: STA X023, STA X122 or OMB X100 | | |

Core Requirements (21 credits)

21 credit hours are required. A grade of "C" or better is required in all core courses.

MAN 4720 is taken in a student's last semester. FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130	3	Legal Environment of Business
FIN 3403	3	Financial Management
MAN 3025	3	Administrative Management
MAN 3504	3	Prod/Operations/Logist Manage
MAR 3023	3	Principles of Marketing
SOP 3004	3	Social Psychology
MAN 4720	3	Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (21 credits)

21 credit hours are required. Grade of "C" or better is required in all major courses. All economics majors are required to have 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 (must apply for passport in 1st semester of program)

ECO 3203	3	Intermediate Macroeconomics
ECO 3101	3	Intermediate Microeconomics
ECO 3421	3	Econometrics
ECO 3704	3	International Trade

or

ECO 4713	3	International Monetary System
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Choose three courses

ECO/ECP/ECS/GEO/GIS (3000 - 4000 level)
Excluding ECO 3632, ECO 3701, and ECP 3703.

Required Business (3 credits)

3 credit hours are required.

ISM 4011	3	Intro Management Info Systems
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Business Electives (3 credits)

Select 1 course 3000 - 4000 level with prefix:

ACG/BUL/FIN/GEB/ISM/MAN/MAR/QMB/REE/RMI/
TAX/TRA

Non-Business Requirements (6 credits)

6 Credit hours are required. The Cultural Diversity course should be chosen from the list at: <http://www.unf.edu/coggin/academic/cultural-diversity.htm>

SPC 4064	3	Public Speaking Professionals
		and
	1	cultural diversity course

Free Electives (6 credits)

Select 6 hours from any 3000-4000 level courses.

International Business Flagship Program

Jeffrey W. Steagall, Professor, Chair & Flagship Director

Anne Law Sheridan, Director, Study Abroad
Andrés Gallo, Associate Professor & Director, The Center for International Business Studies
Jeffrey E. Michelman, Professor & Director, International Relations
Kate Mattingly, Study Abroad Advisor
(904) 620-2590
www.unf.edu/coggin/intlbus

International Business Major

The international business major has been designated part of the international business flagship program by UNF's president. The international business major is designed for students who are excited about the increasing globalization of the business world. Students who major in international business will be prepared not only for doing business domestically, but also for engaging in the dynamic world of import/export and international finance.

All Coggin College of Business students receive a solid foundation in all functional areas in business, including economics, finance, law, management, and marketing. In addition, all students develop both quantitative skills and communications skills. However, UNF international business majors distinguish themselves from other business majors in four ways. First, they learn about international aspects of functional business areas, including economics, finance, management and marketing. Second, they become proficient in a foreign language. Third, they learn about a particular area of the world. Fourth, all international business students receive a one-semester internship with a company actively involved in international business. This training provides international business majors with practical experience that will make them more marketable upon graduation.

International business majors must satisfy all requirements for the BBA degree. The upper-level requirements for the international business major are as follows:

Major: International Business Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of "C" or better is required in all prerequisites.

ACG 2021	3	Prin of Financial Accounting
		Acceptable substitute: ACG X021 or (ACG X001 + ACG X011)
ACG 2071	3	Prin Managerial Accounting
		Acceptable substitute: ACG X071
CGS 1100	3	Computer Applications for Busi
		Acceptable substitute: CGS X100, CGS X530, CGS X570, CGS X060, CGS X531, CGS X000, or MAN X812
ECO 2013	3	Principles of Macroeconomics

Acceptable substitute: ECO X013
 ECO 2023 3 Principles of Microeconomics
 Acceptable substitute: ECO X023
 MAC 2233 3 G(M) Calculus for Business
 Acceptable substitute: MAC X233 or MAC X230
 STA 2023 3 G(M) Elem Statistics-Business
 Acceptable substitute: STA X023, STA X122 or
 QMB X100

Core Requirements (21 credits)

21 credit hours are required. A grade of "C" or better is required in all core courses.

MAN 4720 is taken in a student's last semester. FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130 3 Legal Environment of Business
 FIN 3403 3 Financial Management
 MAN 3025 3 Administrative Management
 MAN 3504 3 Prod/Operations/Logist Manage
 MAR 3023 3 Principles of Marketing
 SOP 3004 3 Social Psychology
 MAN 4720 3 Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (18 credits)

All International Business Majors are required to have 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
 (IB majors must apply for a passport in 1st semester)

Required Major Courses-IBS

12 credit hours are required.

ECO 3704 3 International Trade
 FIN 4604 3 International Finance
 MAN 4600 3 International Management
 MAR 4156 3 International Marketing

Major electives-IBS

(ECO 3701 & GEO 3553 are specifically excluded)

Select 1 course from list

ACG 4251 International Accounting
 ACG 4656 Study Abroad in Accounting
 BUL 4322 International Business Law
 ECO 4713 International Monetary Systems
 ECO 4956 Study Abroad in Economics
 ECS 3013 Economic Development
 ECS 3303 Current European Economics
 ECS 3403 Latin American Economy
 FIN 4956 Study Abroad in Finance
 FRE 3440 French for Professionals
 GEB 4956 Study Abroad in Business
 GEO 3502 Economic Geography
 MAN 4064 Organizational Ethics: Global

MAN 4654 Comp Bus Practices: EU and US
 MAN 4956 Study Abroad in Management
 MAR 4956 Study Abroad in Marketing
 SPN 3013 Spanish for Professionals
 TAX 4901 Directed Independent Study in Taxation
 TRA 4721 International Logistics
 TRA 4956 Study Abroad in Logistics

Req internship-IBS

GEB 3361 3 Int'l Business Internship

Requisites (6 credits)

Select 2 foreign language courses at the intermediate level or above. Both courses must be in the same language.

Select* Intermediate I Foreign Lang.

Take 3 credit hours:

SPN 2200/FRE 2240/JPN 2200/GER 2200/CHI
 2200/POR 2200/RUS 2200

Select** Intermediate II Foreign Lang.

Take additional 3 credit hours of same Language:

SPN 2201/FRE 2241/JPN 2201/GER 2201/CHI
 2201/POR 2201/RUS 2201

Required Business (6 credits)

6 credit hours are required.

ISM 4011 3 Intro Management Info Systems

Select 1 course

ECO 3411 or MAN 4550 (Formerly QMB 4900)

Non-Business Requirements (3 credits)

SPC 4064 3 Public Speaking Professionals

Non-Business Requirements (6 credits)

Select 2 courses (6 hours) from 1 of the 7 regional studies areas. One of the courses must satisfy the Coggin College of Business cultural diversity requirement. www.unf.edu/coggin/academic/intlbus

ASIAN Studies option
 EUROPEAN Studies option
 LATIN AMER Studies option
 MID EAST Studies option
 INTER REL International Relations option
 FRENCH LAN French Language option
 SPANISH Language option

***Note** that international students studying at UNF automatically satisfy this requirement, because they are studying abroad.

International Business majors are strongly encouraged to double major in a functional area of business or in a foreign language.

Department of Management

C. Bruce Kavan, Professor, Chair & Chairholder

H. Eugene Baker III, Professor

B. Jay Coleman, Professor & Chairholder

Bruce Fortado, Professor
Steven K. Paulson, Professor & Chairholder
M. Reza Vaghefi, Professor
Cheryl A. Van Deusen, Professor
Paul A. Fadil, Associate Professor
Craig G. Harms, Associate Professor
Dag Näslund, Associate Professor
Crystal L. Owen, Associate Professor
Robert W. Schupp, Associate Professor
Steven A. Williamson, Associate Professor &
 Director, The Paper and Plastics Education and
 Research (PAPER) Institute
Lakshmi Goel, Assistant Professor
Saurabh Gupta, Assistant Professor
Rahul W. Kale, Assistant Professor
Antony Paulraj, Assistant Professor
Ping Ying Zhang, Assistant Professor
Diane Denslow, Instructor
Fred Pragasam, Instructor
Carol Spector, Instructor
Marjory Templeton, Instructor
Koren Borges, Visiting Instructor
 (904) 620-2780
www.unf.edu/coggin/mml

Management Major

The management major is designed for students who envision embarking on a career that will lead them into organizational management. The mission theme of the management curriculum is to develop the student's proficiency in **resource evaluation, resource allocation, and resource management**. This mission theme recognizes all organizational inputs (i.e., human resources, financial resources, physical resources, and knowledge, informational and systems resources) as resources that must be managed for an organization to function effectively.

The curriculum is under constant review by the faculty to insure that its combination of business, technical, and behavioral courses remain relevant to the ever-changing business environment and global economy, and prepares the **management major** to meet the challenges they would likely face in either the private, public, or non-profit sectors. The student majoring in **management** is provided with program flexibility in tailoring their individual programs toward degree and career objectives. Each course within the management major has been designed to provide the student with specific and discrete content while also demonstrating the course's applicability to the overall mission theme.

Students who choose management as their area of concentration must satisfy all requirements for the BBA degree. As a part of the BBA degree program, these students must satisfy the management major requirement and a contextual studies requirement.

The upper-level requirements for a major in management are:

Major: Business Management Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of "C" or better is required in all prerequisites.

ACG 2021	3	Prin of Financial Accounting
Acceptable substitute: ACG X021 or (ACG X001 + ACG X011)		
ACG 2071	3	Prin Managerial Accounting
Acceptable substitute: ACG X071		
CGS 1100	3	Computer Applications for Bus
Acceptable substitute: CGS X100, CGS X530, CGS X570, CGS X060, CGS X531, CGS X000, or MAN X812		
ECO 2013	3	Principles of Macroeconomics
Acceptable substitute: ECO X013		
ECO 2023	3	Principles of Microeconomics
Acceptable substitute: ECO X023		
MAC 2233	3	G(M) Calculus for Business
Acceptable substitute: MAC X233 or MAC X230		
STA 2023	3	G(M) Elem Statistics-Business
Acceptable substitute: STA X023, STA X122 or QMB X100		

Core Requirements (18 credits)

18 credit hours are required. A grade of "C" or better is required in all core courses. MAN 4720 is taken in a student's last semester. FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720. To register for MAN 4720 you must apply on-line at www.unf.edu/coggin approximately one month before registration in your final semester.

BUL 3130	3	Legal Environment of Business
FIN 3403	3	Financial Management
MAN 3025	3	Administrative Management
MAR 3023	3	Principles of Marketing
MAN 3504	3	Prod/Operations/Logist Manage
MAN 4720	3	Strategic Mgmt Business Policy

Major Requirements (27 credits)

27 credit hours are required. Grade of "C" or better required in all major courses.

ISM 4011	3	Intro Management Info Systems
MAN 4201	3	Organization Theory
MAN 4240	3	Organizational Behavior
MAN 4301	3	Human Resource Management
MAN 4550	3	Introduction to Mngmt Science
MAN 4583	3	Project Management
MAN 4600	3	International Management

Choose 1 management course

4000 level Management with a MAN prefix

Select another Management course

Another 4000 level Management course with a MAN prefix TRA 4202 may be used as one MAN

Business Electives (9 credits)

9 credit hours are required.

Choose* 1 Economics course

ECO 3101, ECO 3203, ECO 3704, ECO 3411,
ECP 3203, or ECP 3703

Select 1 non-MAN business course 3000 or 4000 level course in:

ACG/BUL/ECO/ECP/ECS/FIN/GEB/GEO/MAR/REE/
RMI/TAX/TRA/GIS

Select* another nonMAN business course 3000 or 4000 level courses in:

ACG/BUL/ECO/ECP/ECS/FIN/GEB/GEO/MAR/REE/
RMI/TAX/TRA/GIS

Non-Business Requirements (6 credits)

6 Credit hours are required. The Cultural Diversity course should be chosen from the list at: www.unf.edu/coggin/academic/cultural-diversity.htm

SPC 4064 3 Public Speaking Professionals
and 1 cultural diversity course

Department of Marketing & Logistics

Adel I. El-Ansary, Professor, Chair & Chairholder

Gregory T. Gundlach, Coggin Distinguished
Professor of Marketing

Ronald J. Adams, Professor

Robert Frankel, Professor, Co-Director,
Transportation and Logistics Flagship &
Chairholder

A. Coskun Samli, Research Professor

Yemisi A. Bolumole, Associate Professor & Co-
Director, Transportation and Logistics Flagship

David Cantor, Assistant Professor

Youngtae Choi, Assistant Professor

Reham A. Eltantawy, Assistant Professor

Koren Borges, Instructor

Lynn Brown, Associate Director, Transportation and
Logistics Flagship
(904) 620-2780

Marketing Major

The marketing major is intended for students who seek learning opportunities about marketing functions, institutions, and marketing management practices in consumer and organizational business, industrial and governmental foundations and functioning of marketing and marketing management and to develop their understanding, appreciation and proficiency in marketing decision making within firms and across society. The curriculum furnishes students with content knowledge and its applications in the principles of marketing, consumer behavior, marketing research and information systems, strategic marketing management, international marketing and additional elective areas of marketing as well as more general knowledge and skills relevant to

business and a business career. The major also includes behavioral, technical, and elective courses in order to prepare the student for a marketing management career. Flexibility is allowed so that students have some discretion in orienting their program toward career and degree objectives. Students are encouraged to work closely with their advisors in selecting major and contextual courses which are appropriate to their objectives.

Students who choose marketing as their area of concentration must satisfy all requirements for the BBA degree. As a part of these requirements, marketing students must satisfy the marketing concentration requirement and a contextual studies requirement. A maximum of 18 hours of marketing, excluding marketing courses required of all BBA candidates, will be counted toward satisfying degree requirements.

Students with an interest in a sales career should select MAR 4403 Sales Management, MAR 4400 Professional Selling and MAR 4946 Professional Sales Internship as marketing major electives.

The upper-level requirements for a major in marketing are:

Major: Marketing

Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of "C" or better is required in all prerequisites.

ACG 2021 3 Prin of Financial Accounting
Acceptable substitute: ACG X021 or (ACG X001 +
ACG X011)

ACG 2071 3 Prin Managerial Accounting
Acceptable substitute: ACG X071

CGS 1100 3 Computer Applications for Busi
Acceptable substitute: CG SX100, CGS X530, CGS
X570, CGS X060, CGS X531, CGS X000, or
MAN X812

ECO 2013 3 Principles of Macroeconomics
Acceptable substitute: ECOX013

ECO 2023 3 Principles of Microeconomics
Acceptable substitute: ECO X023

MAC 2233 3 G(M) Calculus for Business
Acceptable substitute: MAC X233 or MAC X230

STA 2023 3 G(M) Elem Statistics-Business
Acceptable substitute: STA X023, STA X122 or
QMB X100

Core Requirements (21 credits)

21 credit hours are required. A grade of "C" or better is required in all core courses. MAN 4720 is taken in a student's last semester. FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130 3 Legal Environment of Business

FIN 3403 3 Financial Management

MAN 3025 3 Administrative Management

MAN 3504	3	Prod/Operations/Logist Manage
MAR 3023	3	Principles of Marketing
SOP 3004	3	Social Psychology
MAN 4720	3	Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (18 credits)

18 credit hours are required. A grade of “C” or better is required in all major courses. Follow prerequisites when registering for MAR 4803. You must have completed MAR 3023, MAR 4503, MAR 4613, & MAR 4156.

MAR 4156	3	International Marketing
MAR 4503	3	Consumer Behavior
MAR 4613	3	Marketing Research Information
MAR 4803	3	Strategic Marketing

Choose 1 Marketing course

3000 - 4000 level Marketing with a MAR prefix

Select another Marketing Course

3000 - 4000 level Marketing course with a MAR prefix

Required Business (15 credits)

Select 1 quantitative course

Either ECO 3411 or MAN 4550 (formerly QMB 4600) ECO 3411 can only be used once in this program

Select 1 ECONOMICS. course

ECO 3101, ECO 3203, ECO 3411, ECO 3704, ECP 3203, or ECP3703

Choose 2 Non-marketing Business Elective 3000 or 4000 level from:

ACG/BUL/ECO/ECP/ECS/FIN/GEB/GEO/MAN/QMB/REE/RMI/TAX/TRA

ISM 4011 3 Intro Management Info Systems

Non-Business Requirements (6 credits)

6 Credit hours are required. The Cultural Diversity course should be chosen from the list at:

www.unf.edu/coggin/academic/cultural-diversity.htm

SPC 4064 3 Public Speaking Professionals

AND one cultural diversity course

Transportation and Logistics Major

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. Many graduates of the Program have accepted positions with local logistics firms as well as with major corporations located across 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 four Flagship programs so identified on campus. The program is ranked 13th in its field in the USA, placing it among top-tier research universities nationally, and the highest among non-doctoral-granting institutions. A spring 2007 Journal of Supply Chain Management

article also 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 (by blanket waiver) by the American Society of Transportation & Logistics – a recognition of curriculum quality granted to only 25 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 Prime F. Osborn III Eminent Scholar Chair in Transportation has greatly enhanced the program’s research capabilities and leadership in logistics education. The professorship resulted from a gift by the CSX Corporation in honor of the late Prime F. Osborn III, past CSX board chairman. This honor recognizes Mr. Osborn’s long-standing support of developing quality education in America and his leadership in the transportation industry.

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 “supersectors.” 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, and Southeast Toyota Distributors (all of whom are headquartered here), as well as leading firms who require T&L expertise, including GE, Target, Walgreens, Sears, and PSS World Medical. 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. Many students pursue Transportation and Logistics as a second major to obtain a competitive advantage in the job market due to the high demand for logistics graduates. www.unf.edu/coggin/logistic/index.htm

Major: Transportation and Logistics
Degree: Bachelor of Business Admin.

Prerequisites (21 credits)

21 credit hours are required. Grade of "C" or better is required in all prerequisites.

ACG 2021	3	Prin of Financial Accounting
Acceptable substitute: ACG X021 or (ACG X001 + ACG X011)		
ACG 2071	3	Prin Managerial Accounting
Acceptable substitute: ACG X071		
CGS 1100	3	Computer Applications for Busi
Acceptable substitute: CGS X100, CGS X530, CGS X570, CGS X060, CGS X531, CGS X000, or MAN X812		
ECO 2013	3	Principles of Macroeconomics
Acceptable substitute: ECOX013		
ECO 2023	3	Principles of Microeconomics
Acceptable substitute: ECO X023		
MAC 2233	3	G(M) Calculus For Business
Acceptable substitute: MAC X233 or MAC X230		
STA 2023	3	G(M) Elem Statistics-Business
Acceptable substitute: STA X023, STA X122 or QMB X100		

Core Requirements (21 credits)

21 credit hours are required. A grade of "C" or better is required in all core courses. MAN 4720 is taken in a student's last semester. FIN 3403, MAN 3025, & MAR 3023 must be completed prior to taking MAN 4720.

BUL 3130	3	Legal Environment Of Business
FIN 3403	3	Financial Management
MAN 3025	3	Administrative Management
MAN 3504	3	Prod/Operations/Logist Manage
MAR 3023	3	Principles Of Marketing
SOP 3004	3	Social Psychology
MAN 4720	3	Strategic Mgmt Business Policy

You must pre-apply at www.unf.edu/coggin for MAN 4720

Major Requirements (21 credits)

21 credit hours are required. Grade of "C" or better is required in all major coursework. *TRA courses are generally not offered in the summer.*

ISM 4011	3	Intro Management Info Systems
MAN 4550	3	Introduction to Mngmt Science
TRA 3035	3	Foundations Of Transportation
TRA 4155	3	Supply Chain Management
TRA 4202	3	Logistics Systems Management
TRA 4210	3	Logistics Subsystems Analysis

Select 1 course

MAN 4401, MAR 4461, TRA 4139, TRA 4721
(offered in fall only), or TRA 4945

Required Business (12 credits)

12 credit hours are required. (ECO 3703 can only be counted once)

Choose 1 course

MAN 4600, MAR 4156, FIN 4604, or ECO 3703

Select 2 business courses 3000 - 4000 level with the prefix of:

ACG/BUL/ECP/ECS/FIN/GEB/GEO/ ISM/MAN/MAR/ QMB/REE/RMI/TAX (except ECO 3411)		
ECO 3411	3	Business/Economic Statistics

Non-Business Requirements (6 credits)

6 Credit hours are required. The Cultural Diversity course should be chosen from the list at: www.unf.edu/coggin/academic/cultural-diversity.htm

SPC 4064	3	Public Speaking Professionals
and 1 cultural diversity course		

Business Law

Courses in business law are provided to support other disciplines in the University. These courses are designed to increase the student's knowledge in areas such as legal environment of business, personal law, and legal justice, as well as the traditional business law. There is no degree program in business law. The Legal Environment of Business, required for all business majors, has no prerequisites and is open to all students beginning in their freshman year.

Minor in Business Administration

Departments or divisions outside the Coggin College of Business that wish to offer a minor in business administration may do so provided the minor meets the requirements, including the prerequisites, below. Departments wishing to offer a minor in business administration should discuss the issue with the Coggin associate dean prior to submitting formal program material.

Minor: Business Administration (30 credits)

This minor is available for all majors where allowed. A grade of "C" or better is required for all minor courses.

Business Administration Minor Prerequisites

18 credit hours are required.

ACG 2021	3	Prin of Financial Accounting
ACG 2071	3	Prin Managerial Accounting
CGS 1100	3	Computer Applications for Busi
ECO 2013	3	Principles of Macroeconomics
ECO 2023	3	Principles of Microeconomics
STA 2023	3	G(M) Elem Statistics-Business

Business Administration Minor Requirements

12 credit hours are required.

FIN 3403	3	Financial Management
MAN 3025	3	Administrative Management

Select 2 courses from list

BUL 3130	Legal Environment of Business
MAN 3504	Production/Operations and Logistics Management
MAR 3023	Principles of Marketing

Minor: Economics (18 credits)

18 credit 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.

Prerequisites Economics Minor

6 credit hours are required.

ECO 2013	3	Principles of Macroeconomics
ECO 2023	3	Principles of Microeconomics

Required Courses Economics Minor

12 credit hours are required.

ECO 3101	3	Intermediate Microeconomics
ECO 3203	3	Intermediate Macroeconomics

Choose 1 course

ECO 3411 or ECO 3421

Select 1 courses 3000 - 4000 level

ECO/ECP/ECS/GEO/GIS

Minor in Finance

The minor in finance has been added to meet the needs of Accounting, International Business and other Coggin College of Business majors for additional coursework in this important area.

Minor: Finance (15 credits)

This minor is available only to students majoring in Business. 15 credit hours are required, 9 of which must be taken at UNF. A grade of “C” or better is required.

Finance Minor Prerequisites

ACG 2021	3	Prin of Financial Accounting
ACG 2071	3	Prin Managerial Accounting
CGS 1100	3	Computer Applications for Busi
ECO 2013	3	Principles of Macroeconomics
ECO 2023	3	Principles of Microeconomics
MAC 2233	3	G(M)Calculus for Business
STA 2023	3	G(M) Elem Statistics-Business

Finance Minor Requirements

FIN 3233	3	Money & Banking
FIN 3403	3	Financial Management
FIN 4504	3	Investments

Finance Minor Electives

Accounting majors may not use TAX 3721.

Financial Services majors may not use FIN 3140.

Choose any 2 of the following options:

RMI 4135/RMI 3011/ACG 4944/ECO 4223/
TAX 3721

Or choose any FIN or REE 3000 - 4000 Level

Any combination will work.

Minor: Entrepreneurship (24 credits)

This minor is available to all majors if allowed by college.

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.

Prerequisites Entrepreneur Minor

Student must have 9 credit hours of Foundation courses

FIN 3403	3	Financial Management
MAN 3025	3	Administrative Management
MAR 3023	3	Principles of Marketing

Entrepreneur Minor Requirement (15 Credits)

GEB 4113	3	Entrepreneurship
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Select four of the following

GEB 3154, FIN 4461, MAN 4583, GEB 3132,
GEB 3124, GEB 4942, or GEB 4104

Minor in International Business

Students in the Coggin College of Business with an interest in the increasingly important area of international business may wish to develop a schedule which includes the courses constituting the minor in international business. With careful course scheduling, a student should be able to meet the requirements for the minor without exceeding the 60 upper-level hours required for the BBA degree. Interested students should discuss the minor with their advisor and the director of the program. Students wishing to obtain this minor must apply through an established procedure, which is available in the College’s Student Service Center.

Minor: International Business (15 credits)

This minor is available only to students majoring in Business. The minor requires 15 credit hours of which 9 must be taken at UNF. A grade of “C” or better is required in all courses.

International Business Minor Requirements

All courses in this group are required.

ECO 3704	3	International Trade
FIN 4604	3	International Finance
MAN 4600	3	International Management

International Business Minor Electives

6 hours are required.

Choose 1 of the 2 international courses. Select 1 nonbusiness course from the prefixes given. This nonbusiness course must be approved by your academic advisor.

Choose 1 course

MAR4156 or TRA4721

Select 1 course 3000 or 4000 level

HIS/GEO/ASH/EUH/LAH

Minor: Geography (15 credits)

Student must take a minimum of 12 hours of upper-level course work in Geography at UNF. A grade of “C” or better is required in all minor courses, including any prerequisites. This minor is available to any UNF major (Where allowable - see your academic advisor)

GEO 2200	3	Physical Geography
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GEO 2420 3 CD- Cultural Geography
GIS 3043 3 Introduction to GIS

Choose 1 course

GEO 3502 or GEO 3553

Select 1 course

GEO 3372, GIS 4048, ANT 4492, INR 4603,
GEO 4956, ECO 4956, ACG 4956, FIN 4956,
MAN 4956, MAR 4956, TRA 4956 or TAX 4956

Career Management Center

The Career Management Center in the Coggin College provides outstanding support for companies interested in recruiting and/or providing internship opportunities. Equally important are the services that are provided to our exceptional students and alumni.

Services for students include: individual career counseling, resume assistance, job and internship search support, career development workshops, practice interviews, hiring socials, and on campus recruiting events. Career Management Center staff works with students by appointment only. Additional information is available at www.unf.edu/coggin.

Osprey Financial Group (OFG)

Osprey Financial Group is comprised of undergraduate and graduate students that invest a portion of the assets of the UNF Foundation in a diversified, actively managed portfolio of equity and fixed income securities. The principal is from a gift to the Foundation from Jody and Layton Smith expressly for the purpose of enabling a special group of students to manage a \$500,000 portion of the endowment. Due to the success of OFG's investment decisions, the original half-million dollar gift has grown to more than \$750,000.

The course is organized like a professionally managed fund and students are assigned officer positions and sector responsibilities. The assets managed by OFG are invested in securities that comply with the guidelines for equity and fixed income securities contained in the University of North Florida Foundation, Inc. Statement of Investment Policies and Objectives. Within those parameters, each edition of OFG has the flexibility to establish an investment philosophy involving market capitalization, sector weights, and value and growth components. Quarterly Reports of performance are prepared and presented to the UNF Investment Committee.

OFG is a two-semester sequence of courses providing a maximum of six credits. Rather than enrolling in the course; however, students are required to apply. A maximum of 12 students is selected and they will comprise the class for both semesters. Eligible undergraduate students are majors in either finance or financial services. Eligible graduate students are enrolled in the MBA program and possess experience in personal or professional investing.

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The Center for Economic Education

John R. Mundy, Director

The Center for Economic Education is a service arm of the Coggin College of Business. It is one of five university centers in Florida charged with meeting state mandates for economic and free-enterprise education. The Center's mission includes providing pre-service economics instruction to students pursuing degree programs at the University; in-service economics instruction to PreK-12 classroom teachers; the maintenance of a resource center for PreK-12 teachers; consulting services regarding curriculum to area school districts, other educational agencies, and private interest groups; and the pursuit of research projects focusing on current problems in economics education.

The Center for International Business Studies (CIBS)

Andrés Gallo, Associate Professor & Director

The Center for International Business Studies (CIBS) creates a college-wide environment in which international business education is a focus for students, faculty, and the northeast Florida business community. Therefore, CIBS assists faculty in grant writing to support research and teaching projects in international business; sets up student internships; creates and offers faculty-led study abroad courses; develops student and faculty exchange opportunities; hosts international business speakers; and supplies international business information to the local business community.

Institute for Management Development and Organizational Quality

Steven Williamson, Director

The Coggin College of Business' Institute for Management Development and Organizational Quality was established to provide technical expertise in the functional areas of business to organizations whose operations affect Northeast Florida. The Institute contracts to deliver direct educational programs, management consulting and facilitation services, applied organizational research, and quality process evaluation and development. The Institute brings together the various disciplines within the college and is central to the college's community outreach activities. All Institute programs are conducted by Coggin College of Business faculty members and are organization specific in design. Whenever possible the Institute enables both graduate and undergraduate students to gain practical experience by involving them in its activities.

Center for Entrepreneurial Studies, Research and Development/Small Business Development Center

Janice Williams Donaldson, SBDC Regional Director

The University of North Florida Center for Entrepreneurial Studies, Research and Development creates linkages between the public, private and university sectors in north Florida. The center is involved in development of entrepreneurial courses in the Coggin College of Business for degree seeking students.

Programs coordinated by the Center for Entrepreneurial Studies, Research and Development include:

Small Business Institute (SBI) — gives students hands-on experience in business management. As an elective course in the Coggin College of Business, SBI matches the student's expertise with a small-business owner's needs. An in-depth study of the business operation results in recommendations and implementation by the student for improving the business.

The University of North Florida Small Business Development Center (SBDC) assists existing and potential small-business owners in a 18-county area. Part of a statewide network supported by the U.S. Small Business Administration, the University of North Florida, and city and county government, the center coordinates a variety of programs designed to increase the entrepreneur's management efficiency, thereby increasing the chances for a successful venture. Management assistance is provided through individual consultation and group training sessions at little or no charge. Thousands of small business owners and potential owners in Duval, St. Johns, Citrus, Clay, Nassau, Putnam, Alachua, Marion, Levy, Bradford, Columbia, Baker, Union, Hamilton, Lafayette, Dixie, Gilchrist and Suwannee counties are assisted each year. Business start-up workshops, management development seminars and in-depth planning courses are conducted year-round. Graduate assistants, faculty members, full-time professionals and executives in residence provide one-on-one assistance in marketing, accounting, finance, business planning and other management areas.

Special programs coordinated through the SBDC include:

- **Small Business Resource Network** — A referral source for small businesses looking for accounting, legal, insurance, financial, and management expertise. Sources include public agencies and private-sector professionals.
- **Business-to-Business Marketing Leads** — helps businesses prospect for new customers, test marketing ideas and analyze market potential. This database software enables business owners to build, revise and refine targeted marketing leads and also helps to identify competitors.

- **fisCAL Financial Analysis** — analyzes financial statements to determine trends, to calculate financial ratios for industry comparison, to pinpoint areas for improvement, and to establish a value for the business.
- **SMART Assessment** — The Strategic Management Assessment Research Tool (SMART) management audit evaluates the quality of systems and processes within a company as they relate to leadership, strategic planning, customer and market focus, human resource development and management, and business results.

The Paper & Plastics Education and Research (PAPER) Institute

Steven Williamson, Director

Stephanie Kozlik, Walter Moore Graduate Fellow

Holly Black, Walter Moore Graduate Fellow

The Paper And Plastics Education and Research (PAPER) Institute's mission is to encourage and support the University of North Florida Coggin College of Business faculty in their research, education, and development endeavors that integrate academic pursuits relevant to the National Paper Trade Alliance (NPTA) and its membership. Topic selection for projects within the scope of the PAPER Institute will be made in consultation with the leadership of the PAPER Foundation to assure topic relevance to the industry. The PAPER Institute is funded through an endowment.

The PAPER Institute engages in the following activities:

1. Proposals for research, education, and development activities are solicited from the faculty. Proposals follow the guidelines established by the PAPER Institute director. Research is sought from faculty with diverse backgrounds and interests that should lead to diverse outcomes. It is expected that the PAPER Institute endeavors will lead to professional development workshops, and a combination of applied, basic, and educational research.
2. As the liaison for the University of North Florida, the PAPER Institute director will communicate on a regular basis with PAPER Foundation leadership, and attend NPTA and PAPER Foundation meetings to facilitate the communication of mutual needs and plans.
3. The PAPER Institute director will seek to build alliances with other research centers, institutions, and organizations that engage in distribution research or research that may be relevant to NPTA and its membership.

The International Center for Competitive Excellence

The International Center for Competitive Excellence is a multi-disciplinary forum dedicated to customer satisfaction through integrated supply chain management, John

P. McAllister, director. The mission of the center is to provide an open forum for leading edge practitioners and academics to pursue the critical issues related to customer satisfaction and operational excellence independent of specific functional expertise.

The Center supports research and publications focused on real world applications and experience. The objectives of the center are:

1. Stimulate student interest in careers in supply chain management, logistics and related fields,
2. Increase communication between leading edge practitioners and faculty,
3. Pursue a research agenda that will contribute to improved industrial competitiveness.

The Prime F. Osborn III Eminent Scholar Chair in Transportation

The Prime F. Osborn III Eminent Scholar Chair in Transportation is supported by a \$1 million gift to the University made possible by a \$600,000 contribution from CSX Corporation to honor its former Chairman Prime F. Osborn III and a \$400,000 matching gift from the Florida Centers for Excellence Eminent Scholar Program.

The Bank of America Institute, A Center for the Management of Technology in Financial Services

C. Bruce Kavan, Director & Chairholder

The Bank of America Institute was created to furnish research and information regarding the integration, management and deployment of technology to the financial services industry. The institute was made possible by a contribution from Bank of America, one of the nation's largest financial services companies. It occupies a link between the Coggin College of Business and the College of Computing, Engineering, and Construction. This link fosters interdisciplinary research by focusing faculty and students expertise from both colleges upon management and information issues relevant to the financial services industry. The Bank of America Institute was formed in June 1993.

Coggin College of Business

Course Descriptions

ACCOUNTING

ACG 2021-Principles of Financial Accounting 3

Prerequisite: *Sophomore standing and completion of MAC 1105 or equivalent with “C” or better.* 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.

ACG 2071-Principles of Managerial Accounting 3

Prerequisite: *ACG 2021 and MAC 1105 or equivalents each with a grade of “C” or better.* Conceptual introduction to managerial accounting. Accounting for cost reporting and control. Reports, statements, and analytical tools used by management.

ACG 3103-Intermediate Accounting I 3

Prerequisite: *ACG 2021 with a “C” or better. Corequisite: CGS 1100.* 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.

ACG 3113-Intermediate Accounting II 3

Prerequisite: *ACG 3103 with “C” or better.* This course is a continuation of ACG 3103.

ACG 3123-Intermediate Accounting III 3

Prerequisite: *ACG 3113 with “C” or better.* This course is a continuation of ACG 3113 with emphasis on special contemporary problems, FASB pronouncements, and fund accounting.

ACG 3501-Fund Accounting 3

Prerequisite: *ACG 3103 with “C” or better.* This course includes specific accounting methods and techniques applicable to governmental and not-for-profit organizations.

ACG 4201-Advanced Accounting 3

Prerequisite: *ACG 3123 with “C” or better.* In-depth study of consolidated financial statements. Other topics include accounting for foreign operations, and international accounting standards.

ACG 4251-International Accounting 3

Prerequisite: *ACG 3113 with “C” or better.* An in-depth study of the major issues and practices in international accounting. Topics include history, environmental influences, the international monetary system, accounting for changes in monetary values, contemporary issues, information disclosure, pricing, international information systems, international auditing standards and professional groups.

ACG 4361-Cost Accounting 3

Prerequisite: *ACG 2071 and CGS 1100 with “C” or better.* This course includes an analysis of cost data for goods and services for planning, controlling and decision-making.

ACG 4381-Controllership 3

Prerequisite: *ACG 4361 with “C” or better.* A study of 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.

ACG 4401-Accounting Information Systems 3

Prerequisite: *ACG 3103 with “C” or better.* This course includes analysis, design and implementation of transaction processing cycles and the roles they play in the internal control of the organization.

ACG 4621-EDP Auditing And Control 3

Prerequisites: *ACG 4401 and ACG 4651 or ACG 4671 with “C” or better.* How to design effective and efficient systems of internal control, and how to perform audits in an EDP environment. Special emphasis on software, auditing techniques, advanced techniques and computer security.

ACG 4651-Auditing 3

Prerequisite: *ACG 3113 and ACG 4401 with “C” or better.* 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.

ACG 4671-Internal Auditing 3

Prerequisite: *ACG 3113 and ACG 4401 with “C” or better.* This course is an examination of corporate governance perspectives, managing risk, and internal controls. It examines the internal auditor’s role in evaluating and improving the effectiveness of risk management, control, and governance processes. Particular emphasis is placed on the professional standards of internal auditing, audit approaches, managing the internal audit, and planning, performing, and reporting audit work.

ACG 4682-Forensic Accounting 3

Prerequisite: *ACG 4401 with “C” or better.* This course is an examination of the tools and techniques utilized in the investigation of financial fraud. Particular emphasis is placed upon fraudulent financial reporting, litigation support, cyber crime, business valuation, and disaster recovery and reconstruction.

ACG 4901-Directed Independent Study v. 1-3

Prerequisite: *ACG 3103 with “C” or better and a UNF GPA of 3.0 or above.* Special studies undertaken independently by students under the supervision of an

accounting department faculty member. Student must have the faculty supervisor and Department Chairperson's approval of a special study prior to enrollment. May be repeated with change of content up to a maximum of six credits.

ACG 4931-Special Topics: Accounting v. 1-3

Prerequisite: *ACG 2071 with "C" or better and permission of advisor or department chair.* Study of special topics not offered in other departmental courses. May be repeated with change of content up to a maximum of nine credits.

ACG 4941-Accounting Internship v. 1-3

Prerequisite: *ACG 3103 with "C" or better and a UNF GPA of 3.0 or above.* Significant accounting work experience with a cooperating accounting business, governmental or civic organization. Credit depends upon length of internship. Prior approval of advisor and department chair is required. Grading is on a pass/fail basis.

ACG 4944-Small Business Counseling 3

Prerequisite: *ACG 3103 with "C" or better and permission of instructor and department chair.* Practicum in providing assistance to small businesses with accounting problems.

ACG 4956-Study Abroad in Accounting v. 1-9

Prerequisite: *Permission of the instructor.* 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. May be repeated up to nine credits.

TAX 3001-Federal Income Tax 3

Prerequisite: *ACG 2071 with "C" or better.* The federal income tax law as it applies primarily to individuals.

TAX 3011-Income Tax for Corporations and Partnerships 3

Prerequisite: *TAX 3001 with "C" or better and ACG 3103 with a "C" or better.* This course is a survey of federal income taxation of corporations and partnerships.

TAX 3721-Tax Planning in Financial Decisions 3

Prerequisite: *ACG 2021 with a "C" or better.* A study 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.

TAX 4901-Directed Independent Study v. 1-3

Prerequisites: *TAX 3001 with a "C" or better and permission of the instructor and department chairperson.* The course involves special studies undertaken independently by students under the supervision of an accounting department faculty member. The course may be repeated with change of content up to a maximum of six credits.

BUSINESS LAW

BUL 3130-Legal Environment of Business 3

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.

BUL 3371-Real Estate Law 3

Prerequisites: *REE 4043, BUL 3130.* A survey of legal principles affecting the operation of today's real estate industry. Topics include real estate brokerage, conveyance, mortgages, leases, zoning, building codes, liens, and pollution control.

BUL 4322-International Business Law 3

Prerequisite: *BUL 3130 or equivalent.* This course examines the legal problems that arise in commercial transactions and relations when business organizations cross national boundaries.

BUL 4350-Business Law II 3

Prerequisite: *BUL 3130.* Advanced work in business law. Intended primarily for students preparing for professional certification in areas such as accounting and real estate.

BUL 4905-Directed Individual Study Business Law v. 1-3

Prerequisites: *BUL 3130 or equivalent and approval of department chair.* This course allows students to investigate selected topics in business law. May be repeated with a change in content up to a maximum of six credits.

BUL 4906-Special Topics in Business Law v. 1-3

Prerequisite: *Permission of instructor.* Study of special topics not offered in other courses in the department. May be repeated with change of content up to a maximum of six credits.

FINANCE

FIN 3140-Personal Finance 3

Survey of the problems and techniques of personal financial planning. 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.

FIN 3233-Money and Banking 3

Prerequisites: *ACG 2071, STA 2023, ECO 2013 and FIN 3403 with a "C" or better.* This course examines the structure and operations of our monetary system, commercial banking, central banking, money and capital markets, and provides an introduction to monetary theory and policy.

FIN 3403-Financial Management 3

Prerequisites: *ACG 2071, STA 2023, ECO 2023 with "C" or better.* 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.

FIN 4126-Seminar in Financial Planning 3	FIN 4561-Student Managed Investment Fund II 3
<i>Prerequisites: FIN 4504 and REE 4043.</i> This course is designed to study current issues in financial planning in case analysis and discussions. Usually offered in the spring only.	<i>Prerequisite: FIN 4560.</i> This is a continuation of Student Managed Investment Fund I. Students continue to evaluate securities; however, more attention is directed at beginning to position the portfolio for the idle summer months by identifying core holding, and the preparation of the Annual Fund Report.
FIN 4132-Estate Planning 3	FIN 4604-International Finance 3
<i>Prerequisite: TAX 3721.</i> Fundamentals of estate planning, social and family implications of federal/state taxation of transfers of wealth by gift or at death. Study of trusts, guardianships and post mortem planning. How planning is affected by business assets, employee benefits, and insurance will also be studied. Offered only in spring term.	<i>Prerequisite: FIN 3403.</i> A comprehensive survey of international finance. 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.
FIN 4414-Financial Management II 3	FIN 4931-Special Topics in Finance v. 1-3
<i>Prerequisite: FIN 3403 with "C" or better.</i> Examination of advanced topics in financial management of the profit-making firm, including determination of funds, cost of capital, and capital-structure planning. Case discussion is used in addition to readings and problems.	<i>Prerequisites: FIN 3403 and permission of advisor and department chair.</i> Study of special topics not offered in other departmental courses. May be repeated with change of content up to a maximum of six credits.
FIN 4461-Financial Statement Analysis 3	FIN 4941-Finance Internship v. 1-3
<i>Prerequisite: FIN 3403.</i> This course is an in-depth analysis of financial statements, and of the bases 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.	<i>Prerequisite: FIN 3403.</i> Significant finance work experiences with a cooperating business, governmental or civic organization. Credit depends upon length of internship. Prior approval of advisor and department chair is required. Grading is on a pass/fail basis.
FIN 4504-Investments 3	FIN 4956-Study Abroad in Finance v. 1-9
<i>Prerequisite: FIN 3403 with "C" or better.</i> Principles and practices of investments; factors influencing security values.	<i>Prerequisite: Permission of the instructor.</i> 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. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.
FIN 4514-Securities Analysis and Portfolio Management 3	
<i>Prerequisite: FIN 4504.</i> 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.	
FIN 4533-Derivatives 3	
<i>Prerequisites: FIN 4504.</i> This course introduces students to the theoretical and practical aspects of the markets for financial futures, options, and other derivatives (normally offered in the fall term only).	
FIN 4556-Behavioral Finance 3	
<i>Prerequisite: FIN 4504.</i> 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 (normally offered in the spring term only).	
FIN 4560-Student Managed Investment Fund I 3	
<i>Prerequisite: FIN 4504.</i> This is the first in a sequence of two courses whereby students manage a real portfolio of securities. The students selected 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.	
	GEOGRAPHY
	GEO 2000-Geography for Teachers 3
	This course has been designed specifically for social studies teachers and teachers of grades K-12. It has used the 1997 Florida Department of Education - Changes to Academic Standards for Public Schools - as a guide for the development of materials emphasizing the competencies and skills required for teacher certification in the state. The objectives of this course are to provide the teacher with an understanding of the relationships that have developed between humans and the earth. This course cannot be taken by any Coggin College of Business majors or by economics majors in the College of Arts and Sciences.
	GEO 2200-Physical Geography 3
	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.
	GEO 2420-CD- Cultural Geography 3
	The analysis as they occur throughout the world. The major focus is on how diverse cultures organize themselves spatially

to form diverse geographic areas. This course is designated a Cultural Diversity course. Normally offered each term.

GEO 3372-Conservation of Natural Resources 3

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.

GEO 3502-Economic Geography 3

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.

GEO 3553-Cultural Dimensions of Economic Geography 3

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.

GEO 4905-Directed Individual Study v. 1-3

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.

GEO 4930-Special Topics in Geography v. 1-3

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.

GEO 4956-Study Abroad in Geography v. 1-9

Prerequisite: junior or senior standing. Students will study a country's business practices, with a particular emphasis on economic geography and culture.

GIS 3043-Introduction to Graphic Information Systems 3

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.

GIS 4048-Intermediate Graphic Information Systems 3

Prerequisite: GIS 3043. 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.

INSURANCE

RMI 3011-Risk Management and Insurance 3

An understanding of the importance of risk in the business firm and the family unit; principles underlying the selection of the means of handling economic risk; analysis of insurance as one of the techniques of risk management. Usually offered in the spring only.

RMI 4135-Employee Benefit Plans 3

Prerequisite: MAN 3025. Study of the group and social insurance that provide death, disability, and retirement

benefits. Analysis of contractual arrangements, benefit formulas, financing, underwriting.

MANAGEMENT

GEB 1011-Foundations of Business 3

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.

GEB 2112-Planning a New Business 3

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.

GEB 2956-CD- Study Abroad in Business v. 1-9

Prerequisite: Permission of the instructor. Corequisite: Students must take a foreign language course and MAN 2652 during the same term as the study abroad course. 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.

GEB 3124-Students in Free Enterprise Professional Development Program 3

Prerequisite: MAN3025. The purpose of this course is to provide students with the best opportunity to develop leadership, teamwork, and communication skills through learning, practicing, and teaching principles of free enterprise. This is accomplished through outreach projects in the community. Students will have the opportunity to assist young entrepreneurs in their business venture.

GEB 3132-Family Business Management 3

Prerequisite: MAN3025. 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.

GEB 3154-Entrepreneurial Marketing 3

Prerequisites: MAN3025 and MAR3023. 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.

GEB 3361-International Business Internship 3

Field practice at designated business or government agencies significantly involved in international business operations, research or marketing. Grading is on a pass/fail basis.

GEB 3949-Experiential Studies/Business v. 0-3

Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may repeat this course for credit, up to a total of six credits.

GEB 4104-Small Business Consulting 3

Prerequisites: MAN 3025, MAR 3023, FIN 3403. 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.

GEB 4113-Entrepreneurship 3

Prerequisites: MAN 3025, MAR 3023, FIN 3403. 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.

GEB 4910-G(W)Honors Research Business Administration v. 1-3

Prerequisite: Acceptance to the Honors in the Major track in business administration. Allows students to perform research in an area of interest. Repeatable up to six credits. Gordon Rule Additional Writing credit.

GEB 4941-Foundations of International Business 3

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.

GEB 4942-Entrepreneurial Internship 3

Prerequisites: GEB 4113, permission of instructor. The 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.

GEB 4956-Study Abroad in Business v. 1-9

Prerequisite: Permission of instructor. Students will study a country's business practices, with a particular emphasis on business. 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.

ISM 4011-Introduction to Management Information Systems 3

Prerequisites: MAN 3025 and CGS 1100. Fundamentals of Management Information Systems with emphasis on the relationships of MIS and data processing to decision-making in modern organizations.

MAN 2652-Introduction to Global Business 3

The course provides an overview of the environment under which global business operates. Emphasis is placed on developing an understanding of the key issues involving, and the key environmental factors impacting, global business management and operations.

MAN 3025-Administrative Management 3

Recommended prerequisite: SOP 3004. Fundamentals of management which permeate organizations. Includes introductory studies of administrative structure, organizational environment, and managerial functions and processes.

MAN 3504-Productions and Logistics Operations Management 3

Prerequisite: STA 2023. Administrative control and problems of functional systems.

MAN 4064-Organizational Ethics: A Global Perspective 3

Prerequisite: MAN 3025 or permission of instructor. 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.

MAN 4082-E-Business Strategy 3

Prerequisites: MAN 3025; ISM 4011. 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.

MAN 4201-Organization Theory 3

Prerequisite: MAN 3025. Study of the design principles used in structuring organizations. Reviews the major schools of thought and investigates applications of organizational principles to a wide variety of organizations.

MAN 4240-Organizational Behavior 3

Prerequisites: MAN 3025. The study of behavior of individuals and small groups in a formal organization. Emphasis

will be placed on the application of theory and research to the business environment.

MAN 4301-Human Resource Management 3

Prerequisite: *MAN 3025*. A study of personnel functions, including recruiting, selecting, promoting, training, and motivating workers.

MAN 4335-Employee Benefits 3

Prerequisite: *MAN 3025*. An in-depth study of both wage and non-wage related benefits made available to employees by the firm and various related social and governmental programs.

MAN 4401-Labor Relations 3

Prerequisite: *MAN 3025*. An analysis of managerial functions associated with managing employees who work under a collectively bargained labor agreement.

MAN 4441-Negotiations 3

Prerequisite: *MAN 3025*. Broad based examination of negotiation 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 expected.

MAN 4550-Introduction to Management Science 3

Prerequisites: *Introductory Statistics and MAC 2233*. A study of selected mathematical and statistical models used to aid managerial decision making. Includes sections on decision theory, integer and linear programming, simple and multiple regression and correlation, analysis of variance, simulation and network models. Software package used for problem solution.

MAN 4583-Project Management 3

Prerequisite: *ISM 4011, MAN 3504*. 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.

MAN 4600-International Management 3

Prerequisite: *MAN 3025 or permission of instructor*. 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.

MAN 4701-Business and Society 3

Prerequisite: *MAN 3025*. Examines the relationship between business firms and other elements of society such as the individual in the organization, the community, ecology, the consumer, and government.

MAN 4720-Strategic Management and Business Policy 3

Prerequisite: *MAR 3023 or equivalent, FIN 3403 or equivalent, and MAN 3025 or equivalent and at least a 2.0 GPA*. 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.

MAN 4905-Directed Individual Study In Management v. 1-3

Prerequisite: *Permission of instructor*. Allows students to investigate special topics in management. Particularly topics of local or regional interest. May be repeated with change of content up to a maximum of six credits.

MAN 4930-Special Topics in Management v. 1-3

Prerequisite: *Permission of instructor*. Study of special topics not offered in other courses in the department. May be repeated with change of content up to a maximum of nine credits.

MAN 4940-Human Resource Management Internship v. 1-3

Prerequisites: *MAN 3025, MAN 4301 and prior approval of department chair, associate dean and internship coordinator*. The 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.

MAN 4942-Management Internship 3

Prerequisite: *MAN 3025 and MAN 3504*. 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.

MAN 4956-Study Abroad in Management v. 1-9

Prerequisite: *Permission of the instructor*. Students will study a country's business practices, with a particular emphasis on management. 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.

ECONOMICS

ECO 2000-Economics for Teachers 3

Designed for social studies teachers and teachers of grade K-12. Analysis of the operation of our modern economy, emphasizing the competencies and skill required for teacher certification in Florida and to meet the Sunshine State Standards. The objective of the course is to provide you with a basic understanding of how our economy functions. When you complete the course you will be able to integrate economics into all areas of social studies as well as any other disciplines you may be teaching. We will also look at alternatives to the market as well as the fundamentals of consumer economics. This course cannot be taken by any College of Business Administration majors or by economics majors in the College of Arts and Sciences.

ECO 2013-Principles of Macroeconomics 3

Introduction to the theory of income determination and national income accounting. Analysis of the use of monetary and fiscal policy to accomplish the goals of full employment, economic growth and price stability. Cannot be used to

satisfy upper-level requirements for a degree in business administration and economics. Normally offered each term.

ECO 2023-Principles of Microeconomics 3

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.

ECO 3101-Intermediate Microeconomics 3

Prerequisite: ECO 2023. Analysis of consumer and business activity in the marketplace. Price and output determination, allocation of income and product, problems of market organization. Normally offered each fall term.

ECO 3203-Intermediate Macroeconomics 3

Prerequisite: ECO 2013. **Corequisite:** ECO 3411 or ECO 3421 or MAN 4550. This course analyzes aggregate economic activity and growth, focusing on national economic goals and policies for their attainment. It is normally offered each term.

ECO 3411-Business/Economic Statistics 3

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.

ECO 3421-Econometrics 3

Prerequisites: STA 2023, ECO 2013 and ECO 2023. This 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.

ECO 3622-American Economic History 3

Survey of American economic growth and development since 1607. Emphasis on institutional evolution, growth trends, and the determinants of change. Normally offered each spring term.

ECO 3701-CD-Contemporary International Economic Issues 3

This core course in the international studies major and minor programs covers basic topics in international economics at an intuitive level, with emphasis on policy. Students will study, in detail, the culture, politics and economy of a foreign country of their choice in order to appreciate the differences between U.S. and foreign cultures, politics and economies. This course is a designated UNF Cultural Diversity Course. Normally offered each spring term.

ECO 3704-International Trade 3

Prerequisite: ECO 2023. Introduction to international trade theory and practice. Analysis of trade patterns and national policies affecting trade. Normally offered every term.

ECO 4223-Monetary Economics 3

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.

ECO 4303-History of Economic Thought 3

Prerequisites: ECO 2013, ECO 2023 or permission of instructor. Analysis of the origins and development of economic thought, including a study of major economists, the school with which they have been linked, and the social background that influenced economic ideas. Normally offered fall term in even-numbered years.

ECO 4401-Mathematical Economics 3

Prerequisites: ECO 2013, ECO 2023, ECO 3411 or ECO 3421 and one semester of college level calculus. The course provides the basic mathematical tools needed to understand the behavior of economic agents and to solve economic problems. The course emphasizes critical thinking and problem solving. The major topics we will cover in this class include one-variable and multivariate calculus, comparative static analysis, constrained and unconstrained optimization, integration, uncertainty, and matrix algebra. The course is delivered mainly through class lectures, problem solving and in-class discussions.

ECO 4504-Public Finance 3

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.

ECO 4713-International Monetary System 3

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.

ECO 4905-Directed Independent Study v. 1-3

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.

ECO 4933-Special Topics: Economics v. 1-3

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 nine credits.

ECO 4956-Study Abroad in Economics v. 1-3

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.

ECP 1002-Survey in Economic Issues 3

This course provides a general framework for understanding economic behavior. Students will apply basic economic concepts

to the analysis of current social and economic issues. Students will develop an economic intuition and understanding of issues such as health care, crime, pollution and professional sports.

ECP 2140-CD-Race and Gender in American Economy 3

This course examines race and gender issues from an economic perspective. It examines the source of economic inequality from the perspective of three schools of thought — conservative, liberal and radical. The implications of racial and gender inequality in the areas of education, employment, household production, health care and the decline of America's cities will be discussed. The course is designated a Cultural Diversity course. Normally offered each spring term.

ECP 3203-Labor Economics 3

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.

ECP 3403-Economics of Industrial Organizations 3

Prerequisite: ECO 2013, ECO 2023. Analysis of the structure, conduct, and performance of business firms. Emphasis on the role of market concentration and entry barriers on pricing and production strategies. Normally offered spring term of odd-numbered years.

ECP 3451-Law, Economics, and Public Policy 3

This interdisciplinary course deals with the interaction among the areas of law, economics, and public policy. It focuses on the economic effects and content of legal rules and should be of interest to students in business, economics, political science, and international studies.

ECP 3530-Health Economics and Policy 3

Prerequisite: ECO 2023. This course examines issues related to health and the health care sector from an economic perspective. Utilizing micro economic methods, we study topics such as: demand for health care, behaviors of health care providers (including physicians and hospitals), the pharmaceutical industry, uncertainty and demand for health insurance, managed care, social insurance (including Medicare and Medicaid), and government intervention in the medical care sector.

ECP 3613-Urban Economics 3

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.

ECP 3703-Managerial Economics 3

Prerequisite: ECO 2023. **Corequisite:** ECO 3411 or ECO 3421 or MAN 4550. This course analyzes aggregate economic activity and growth, focusing on national economic goals and policies for their attainment. It is normally offered each term.

ECP 4413-Government and Business 3

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.

ECS 3013-Economic Development 3

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.

ECS 3303-Current EU Economics 3

Prerequisite: ECO 2013 or ECO 2023 or consent of the instructor. Analysis of the development of the European Union (EU) from its post-WWII inception to the present. The evolution of EU economic, political, and social institutions will be described and analyzed, as will the most pressing current issues confronting the EU.

ECS 3403-Latin America Economy 3

Prerequisite: ECO 2013 or ECO 2023 or consent of the instructor. Examination of the current status of the major Latin American economies, including Argentina, Brazil, Chile, and Mexico. The course covers economic development, exchange rates, foreign debt, the status of the region's various trade agreements, and the integration of these economies into the world trading system.

EGN 3613-Economics for Engineers 2

The course provides an introduction to the basic tools necessary for business decision-making and project evaluation. The course covers the determination of prices and costs, the time value of money, cash flow and present worth analysis, rates of return, the effects of inflation, depreciation and tax effects, break even and benefit-cost analysis.

MARKETING

MAR 2905-Special Topics in Marketing v. 1-3

Prerequisite: Permission of instructor. Special topics not offered in other courses in the department. May be repeated up to three credits.

MAR 3023-Principles of Marketing 3

Prerequisites: ECO 2013 and ECO 2023; **recommended prerequisite:** SOP 3004. 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.

MAR 4156-International Marketing 3

Prerequisite: MAR 3023. 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.

MAR 4206-Marketing Channels: Strategy, Structure and Management 3

Prerequisite: MAR 3023. This course investigates 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.

MAR 4231-Retail Management 3

Prerequisite: MAR 3023. Marketing and management concepts which relate directly to the retail organization. Includes an analysis of pricing, buying, credit promotion, personnel and control.

MAR 4323-Advertising Management 3

Prerequisite: MAR 3023. Concerned with planning and managing programs for advertising products and services. Involves preparatory research; setting of objectives; planning of budget, media, and creative programs and evaluation of advertising effectiveness.

MAR 4400-Professional Selling 3

Prerequisite: MAR 3023. Focuses on the importance of communication, including nonverbal expression, as a means to successful negotiations. Course is skills oriented and emphasizes interactive, non-manipulative techniques. In addition to providing in-depth exposure to professional selling, the course assists students in making a professional career choice.

MAR 4403-Sales Management 3

Prerequisite: MAR 3023. The analysis and decisions involved in developing a business firm sales plan, providing organizational and leadership support for it, and evaluating performance to increase sales force productivity.

MAR 4461-Purchasing Management 3

Prerequisite: MAR 3023. Policies and procedures pertinent to the acquisition of goods and services by public and private organizations are covered in depth. The course includes coverage of the purchasing, administrative, organizational, and continuing education functions of the NAPM's certified purchasing manager examination.

MAR 4503-Consumer Behavior 3

Prerequisite: MAR 3023, **Recommended prerequisite:** SOP 3004. An analysis of the behavioral factors affecting demand. Consideration is given to the purchasing behavior of the industrial buyer and the ultimate consumer.

MAR 4613-Marketing Research Information 3

Prerequisites: MAR 3023 and elementary statistics. 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.

MAR 4663-Marketing Models 3

Prerequisite: MAR 3023. 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.

MAR 4721-E-Marketing 3

Prerequisite: MAR 3023. This course encompasses a study of marketing strategies and practices in the cyberspace including

an examination of alternative business models, e-marketing, customer characteristics, required marketing knowledge, and enabling technologies. The focus of this course is on the Internet as a medium for communication and a marketing channel. Students will be required to develop an e-marketing strategy and plan for an e-company and a company web site.

MAR 4803-Strategic Marketing 3

Prerequisites: MAR 3023, MAR 4503, MAR 4613, MAR 4156 and senior standing. 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. Course pedagogy includes case study and simulation gaming.

MAR 4841-Services Marketing 3

Prerequisite: MAR 3023. 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.

MAR 4906-Special Topics In Marketing v. 1-3

Prerequisite: Permission of instructor. Special topics not offered in other courses in the department. May be repeated with change of content up to a maximum of nine credits.

MAR 4913-Directed Individual Study v. 1-3

Prerequisite: Permission of instructor. Allows students to investigate special topics in marketing, particularly topics of local or regional interest. May be repeated with change of content up to a maximum of six credits.

MAR 4939-Executive Seminar in Marketing and Supply Chain Management v. 1-3

Prerequisites: MAR 3023. This seminar consist of a series of weekly lectures by recognized authorities that address various dimensions of marketing and supply chain management. Lectures are selected from both academic institutions and national and multinational businesses. Employment opportunities and career path planning are emphasized.

MAR 4941-Internship in Marketing and Supply Chain Management v. 1-3

Prerequisites: MAR 3023. This internship 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.

MAR 4943-International Marketing Internship v. 1-3

Prerequisite: MAR 4156. Significant international business work experience with a cooperating business organization, government, or multinational enterprise. Credit depends on topics and length of internship. Prior approval of coordinator of international business program, and advisor required. Grading is on a pass/fail basis.

MAR 4946-Professional Selling Internship v. 1-3

Prerequisites: MAR 3023 and MAR 4400. The internship is designed to provide the student with significant experience in

professional selling with a cooperating business organization. Prior approval of the department chair and internship coordinator is required. Grading is on a pass/fail basis.

MAR 4956-Study Abroad in Marketing v. 1-9

Prerequisite: Permission of the instructor. Students will 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.

REAL ESTATE & URBAN ANALYSIS

REE 4043-Real Estate Analysis 3

Prerequisite to all other courses in real estate and regional development. Decision-making process for development, financing, marketing, and management of real estate within the framework of our government, economic, legal, and social systems. Does meet course content requirements of Florida Real Estate Commission for obtaining a real estate license.

REE 4103-Real Estate Appraisal 3

Prerequisite: REE 4043. Valuation and appraisal framework applied to residential and income-producing property. Emphasis on valuation theory and process as a tool for business decisions.

REE 4204-Real Estate Finance 3

Prerequisite: REE 4043. 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.

REE 4303-Real Estate Finance/Investment 3

Prerequisite: FIN 3403, REE 4043. Advanced concepts, principles and models of real estate finance and investment analysis. Emphasis on case analysis and policy information. Usually offered in the spring only.

REE 4900-Directed Individual Study v. 1-3

Prerequisite: Permission of instructor. Investigation of selected problems and topics of current and permanent import in real estate and urban land economics. May be repeated with change of content up to a maximum of six credits.

TRANSPORTATION & LOGISTICS

TRA 3035-Foundations of Transportation 3

Prerequisite: ECO 2023, ACG 2071 and MAN 3025.

This course examines the development and the significance of transportation, economic characteristics of transportation modes, and the impact of regulation and deregulation. Includes case analysis and current transportation management theory and practice.

TRA 4139-Sem:Purchasing Materials Management 3

Prerequisite: MAR 4461. Advanced concepts in purchasing and materials management with emphasis on recent research and current practices. This course is cross listed as MAN 4579.

TRA 4155-Supply Chain Management 3

Prerequisites: MAN 3025, MAR 3023, MAN 3504, TRA 3035. 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.

TRA 4202-Logistics Systems Management 3

Prerequisites: MAR 3023, MAN 3504,TRA 3035. Design, operations and control of logistics systems for producing and servicing firms. Emphasis 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.

TRA 4210-Logistics Subsystems Analysis 3

Prerequisite: MAN 3504. Components, functions and analysis of logistics subsystem.

TRA 4400-Applied Carrier Management 3

Prerequisite: TRA 3035. Case studies and problems in carrier management and operations of local firms.

TRA 4721-International Logistics **3**

Prerequisites: *MAN 3025, MAR 3023.* 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.

TRA 4910-Directed Individual Study **v. 1-3**

Prerequisite: *Permission of department chair.* Study of special topics under faculty guidance. May be repeated with a change in content up to a maximum of six credits.

TRA 4935-Special Topics in Logistics **v. 1-3**

Study of special topics not offered in other transportation courses. May be repeated with a change in content up to a maximum of six credits.

TRA 4945-Logistics Internship **3**

Prerequisites: *MAR 3023 ("C" or better), TRA 3222 ("C" or better), and either TRA 4202 or TRA 3035 (each with a "C" or better), GPA of 2.75 or better, and prior approval of the Logistics Program director.* 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 confronted by cooperating firms.

TRA 4956-Study Abroad in Logistics **v. 1-9**

Prerequisite: *Permission of the instructor.* Students will study a country's business practices, with a particular emphasis on transportation and 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 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.

College of Arts & Sciences

Dean's Office

Barbara A. Daniels Hetrick, Dean

Peter Braza, Associate Dean

Marnie Jones, Associate Dean

Beth Clements, Assistant to the Dean

Margaret Meadows, Director of Development
(904) 620-2560

The College of Arts and Sciences is the bedrock of the University of North Florida just as the liberal arts curriculum is at the very center of the University's mission. What students acquire through their engagement with the liberal arts is a sense of their place within the universe, whether that universe is defined in physical, social, moral, or aesthetic terms. It is for this reason that general education, provided largely by the College of Arts and Sciences, remains to this day the foundation for all further University study; and it is why premier graduate and professional schools continue to give admissions preference to students who choose to major in one of the liberal arts even if they intend to pursue advanced study in a technical or professional field.

The curriculum of the College of Arts and Science is rich and deep. In the complex world of the 21st century, a grounding in the liberal arts is more urgent than ever as we encounter at an ever faster pace challenges to our experience and understanding that we could not have anticipated a short while ago.

Mission

The mission of the College of Arts and Sciences is to provide excellent instruction in the liberal arts to its diverse student body at every level of the curriculum; to graduate students who possess the knowledge, values, and skills that are required of an educated and responsible citizenry inhabiting a global, multicultural society; to offer academic programs that are committed to the highest level of quality as evidenced by the active scholarship and research of their faculties; and to contribute to both the immediate and life-long intellectual development and career aspiration of the college's students, faculty, staff, and friends, as well as to the intellectual, economic, social, ethical and cultural needs of the community and region.



Academic Advising

The Advising Office is committed to providing professional academic advising to all students admitted as junior, senior and post-baccalaureate majors in the College of Arts and Sciences. Our central goal is to promote excellence and retention amongst our academically diverse student population. Advisors will clarify matriculation processes and inform students about course requirements that must be completed to qualify for the bachelor's degree. All degree-seeking majors must arrange to meet with an advisor upon notice of admission to UNF and no later than the end of the first semester of courses. Arts and Sciences majors who do not meet with an academic advisor by the end of the first semester or upon attaining junior standing (for native students) will be placed on "Dean's Hold." This hold will prevent future registration until a degree evaluation is filed with the Advising Office.

Advising is conducted in an office session either by scheduled appointment or on a walk-in basis. Students may arrange to meet with an advisor by contacting: (904) 620-2797. Since the Advising Office experiences peaks in advising, **students who visit by walk-in should call the advising secretary to confirm daily advising hours before visiting.** Prospective students not yet admitted or students seeking change of major information about majors in the College of Arts and Sciences are only provided general information during a walk-in session until after they have been officially admitted to the major. Information about the Advising Office is available at www.unf.edu/coas.adv. Students are also invited to send quick questions of a general nature to sadv@unf.edu.

Requirements for Baccalaureate Degree

A minimum of 120 credit hours is required for the bachelor's degree. A minimum of 48 upper level credit hours is required to qualify for the undergraduate baccalaureate degree.

The post-baccalaureate degree requires a minimum of 30 upper level hours and completion of core and major requirements, major electives and contextuials (if any). In addition, prerequisites must be completed prior to beginning the program and are not included in the 30 credit hours of required upper level hours. Courses completed in any previous degree will not satisfy hours needed to complete the post-baccalaureate degree (30 upper level hours will still be required).

The State of Florida Foreign Language Requirement

By action of the Florida Legislature, all undergraduate students who entered a Florida public college or University after August 1, 1989 must have completed two years of foreign language in high school. This

requirement does not supercede the College of Arts and Sciences graduation requirement in foreign language/foreign culture. Therefore, students must still fulfill this requirement even if two years of foreign language was taken at the high school level.

Foreign Language/Foreign Culture Requirement for Bachelor of Arts Majors

Before being certified to graduate, all Bachelor of Arts majors in the College of Arts and Sciences must complete the Foreign Language/Foreign Culture requirement. Students who have completed two years of a foreign language in high school are still required to complete the Arts and Sciences Foreign Language/Foreign Culture requirement.

Students may complete this requirement by choosing one of the following options. All courses must be completed with grades of "C" or above.

- 1. Study of a Foreign Language.** 8 credit hours of one language at the introductory level; or
- 2. Demonstrated proficiency in a foreign language equivalent to at least 8 credit hours at the introductory level.** Students may prove proficiency in a foreign language through successful scores on the foreign language area of the College-Level Examination Program (CLEP). To prove proficiency in a native language other than English, students must submit a valid high school academic transcript from their home country or
- 3. Study of Foreign Cultures.** 9 credit hours chosen from courses with the FC designation. Foreign culture course offerings are listed each semester in the online schedule; or
- 4. American Sign Language.** 8-9 hours.

The common goal of both foreign language and foreign culture classes is that students begin to think from a point of view beyond that of their own culture. In gaining an appreciation of the many ways humans live together, adapt to their environment, and express their values and aspirations, we also develop new insight into our own culture. The study of foreign languages gives us the key to another culture. Fluency provides direct access to the cultural, intellectual, technical and economic heritage of peoples beyond our own small circles. Foreign culture courses explore one or several cultures in depth, including the perspective of the people themselves. These courses are interdisciplinary in that culture is interpreted broadly — with aspects ranging from the economic to the religious — and emphasizing the culture's internal diversity. Students will have the opportunity to compare other cultures to their own.

College Policies

Degree Evaluation and Dean's Hold

Upon receiving the letter of transfer admissions to UNF or upon earning 60 credit hours as a lower division UNF



native student, all students must arrange to meet with an academic advisor to obtain a Degree Evaluation.

Students who fail to meet with an academic advisor by the end of the first semester at UNF or at the end of the first semester of junior standing are placed on “Dean’s Hold” preventing future registration until the Degree Evaluation is on file in the Advising Office.

Admissions from a Non-Degree or Special Student Status

Students seeking a bachelor’s degree from the College of Arts and Sciences should meet all admission deadlines and policies to enroll as degree-seeking students. Students who are permitted to register as non-degree/non-admitted students or special students (see Admissions section of catalog for policies and procedures) may apply to degree seeking status after one semester. No more than 12 credit hours (or one semester) earned as a non-degree/non-admitted student or special student may be transferred to an undergraduate degree program in the College of Arts and Sciences.

Students Admitted with less than 2.0 Grade Point Average

Students given special admissions to major in the College of Arts and Sciences with a GPA below 2.0 will be automatically placed on academic probation. Conditions for probation will be outlined by the Chairperson for the major department and must be satisfied by the end of the first semester as a major in the College to avoid suspension.

Completion of General Education and CLAST before Senior Year

The College of Arts and Sciences will require native and transfer students to complete ALL general education deficiencies and the College Level Academic Skills Test (CLAST) before earning 90 overall hours, including transfer hours. Students will be informed of general education deficiencies upon meeting with an advisor. Students who defer completion of general education or CLAST may be placed on hold until their deficiencies have been satisfied.

First Day Attendance Policy

Students must attend the first day of each enrolled class during any given semester. All academic departments in the College of Arts and Sciences have the right to administratively withdraw any student who fails to attend the first day of class or who fails to notify the academic department chairperson in advance if a class is to be missed.

Cultural Diversity Policy

Foreign culture course offerings are listed each semester in the online schedule. Culture diversity courses (unless indicated with a “FC” prefix) **may not** satisfy the Foreign Culture requirement.

Double Counting Foreign Culture Courses

Foreign culture courses may satisfy only one requirement. Courses may not be taken to fulfill both a foreign culture requirement and major, minor, or cultural diversity requirements. In addition, **cultural diversity courses may not satisfy the Foreign Culture requirement.** A list of approved Foreign Culture courses are found in the online schedule each semester. Grades of “C” or above required in all foreign culture courses.

Double Majors within the College of Arts and Sciences

Any student pursuing two different majors under a **single baccalaureate degree** is considered a double major. For example, the Bachelor of Arts in History and Bachelor of Arts in English are both different majors under the same B.A. degree. Requirements for a double major are as follows:

1. All double majors must complete the foreign language/foreign culture requirement, prerequisites, major requirements, major electives, capstone/internship requirements (if applicable) and any outstanding general education and CLAST requirements for both majors with grades of “C” or above (or whatever grade policy either major specifies).
2. Double majors do not have to complete a minor.
3. A minimum of 120 overall credit hours must be completed (at least 48 hours must be upper level).
4. Individual courses **may not** double count to satisfy requirements for either degree.
5. Once the degree has been awarded in the double majors, subsequent course work cannot be added to create a second degree as a post-baccalaureate or master’s student.
6. Double majors must be declared on the Change of Major form found in Bldg. 2, One Stop Student Services.

Simultaneous/Dual Degrees Across Colleges

Students in the College of Arts and Sciences may pursue two simultaneous/dual undergraduate degrees across colleges if the second college agrees to the arrangement. A simultaneous or dual degree student is defined as one who completes requirements for two different degrees simultaneously whether in the same college or across colleges, i.e. earning a B.F.A. degree while also earning a B.A. degree, etc.

Note: The College of Education and Human Services will not allow simultaneous/dual majors in any education major. Requirements for the simultaneous/dual degree are as follows:

1. Students must complete all requirements for both degrees with grades of “C” or above (or whatever grade point average is required for both simultaneous/dual majors).
2. A minimum of 150 hours of course work must be completed to earn two different simultaneous/dual degrees.

3. All specific graduation requirements for both majors must be completed, including the foreign language/foreign culture requirement, any internships, prerequisites, etc.
4. Courses may not double count towards completion of requirements for either major or minor. Courses may only be used once in either simultaneous/dual major.
5. The simultaneous/dual major must be declared using the Change of Major form found in One Stop Student Services in Bldg. 2.
6. Students must meet with both academic advisors to obtain Degree Evaluations for both simultaneous/dual majors.

Note: Declared simultaneous/dual majors who decide to return to a single undergraduate major cannot later use the courses taken for the second major towards completion of a post-baccalaureate or master's degree once the first undergraduate degree has been awarded.

Students pursuing both the Bachelor of Arts in Art (all concentrations) and the Bachelor of Fine Arts (all concentrations)

Art concentrations are only specialties within the major. Students MAY NOT enroll in more than one B.A. in Art or B.F.A. in Fine Arts concentration. Instead, students MUST complete the B.A. in one major **while simultaneously completing** the B.F.A. in the other major. **Students needing more clarification about this policy should consult their academic advisor.** Students should be aware that all areas of the major, including the minor, contextual and the foreign language/foreign culture requirement required in the B.A. degree, must be completed with grades of "C" or above. **Courses may not double count towards completion of either major or minor.** Individual courses are needed for each requirement.

College of Arts & Sciences Concurrent Enrollment

Concurrent enrollment at another institution while simultaneously attending UNF requires advisor approval on the Concurrent Enrollment form prior to enrolling in the transfer course. **Students may NOT take courses at another institution in their final semester at UNF.** This includes online, distance learning, correspondence courses and CLEP examinations. **Students who risk taking courses during their final semester will need to provide official transcripts to One Stop Student Services by the last date of the semester. Students whose transcripts are not received by the deadline published for the semester of graduation will not be granted an extension of the deadline and must reapply for the next term's graduation.**

CLEP Credit

Students desiring to satisfy general education, prerequisite requirements or other acceptable lower

level requirements using the College Level Examination Program (CLEP) **must first** complete a UNF Concurrent Enrollment Form and obtain the approval of their-academic advisor. Gordon Rule mathematics may be satisfied using only subject exams in College Algebra or above (no exceptions will be made to substitute general examinations in mathematics). Natural Sciences **may not** be satisfied through CLEP exams. **Students should be aware that the CLEP does not award upper level credit.**

Prerequisites and Corequisites

(Prerequisite = taken before; corequisite = taken at the same time.) Students must complete all prerequisites required for individual courses and major programs. All prerequisites require grades of "C" or above. Faculty have discretionary authority to dismiss any student from a course who has not completed necessary course prerequisites. Fees will not be refunded for dismissal from a course by an instructor due to lack of required prerequisites or corequisites unless it occurs during the week of Drop/Add.

Incomplete Grades

Faculty in the College of Arts and Sciences are not required to give incomplete ("I") grades. In order for an "I" to be assigned, a substantial portion of the course work must have been completed with a passing grade. The time limit to remove an "I" grade is determined by the faculty but cannot exceed one academic year or graduation, whichever comes first. After the allotted time has run out, all incomplete grades turn to "F's" which are calculated in the cumulative grade point average. **Students may not re-register for any course in which an incomplete grade was received but must arrange to participate in the course by approval of the faculty teaching the course in which the "I" was received.** Students may not graduate with outstanding "I" grades whether or not the course is needed for graduation.

Overload Policy

Students who desire to register for 21 or more credit hours during any term will need electronic overload approval from the College of Arts and Sciences Dean's Office. A cumulative UNF GPA of 3.0 or above will be required before overload approval is granted.

Change of Major

Students interested in changing to a major in the College of Arts and Sciences must first possess a 2.0 cumulative GPA. Students should review the UNF catalog to determine major options and the requirements for the majors of interest. Undecided students should arrange to meet with a Career Counselor in the Office of Career Services to explore major and career options. Majors may also be explored on-line at www.unf.edu/dept/cdc. Once the major is decided, the "Change of Major" form must



be submitted to One Stop Student Services in Building 2. After receiving notification of acceptance to the major, students should call the Advising Office at (904) 620-2797 to arrange to meet with an academic advisor.

Declaration of Concentrations and Minors Students

Majors in Art, Communication, Fine Arts, International Studies, Music, Philosophy, Physics and Political Science must declare a concentration (see list of concentrations in the department section).

Students pursuing a **Bachelor of Arts degree must declare a minor** selected from the approved list of minor in the following pages. Concentrations and minors may be officially declared by meeting with an academic advisor or on the Change of Major form. Change of Major forms are available in One Stop Student Services, Bldg. 2.

Suspension Policy

Students who do not satisfy the conditions of academic probation may be placed on a first academic suspension for a period of one academic semester. Release from suspension will require the approval of the College's Suspension Review Committee and the Department chairperson. Conditions will be outlined for continued probation. The Suspension Review Committee will make a recommendation on whether to continue probation or reinstate suspension. Students continued on probation will need to arrange an advising session with an Academic Advisor to obtain an updated Degree Evaluation. However, the Department chairperson has the option to deny readmissions to the major if the GPA is too low.

Students who receive a **second academic suspension** action may be placed for a period of two semesters. A **third academic suspension** action results in a year's suspension. A year's academic suspension will break UNF's "continuous enrollment" policy and will require readmissions to UNF through the Office of Admissions. Students who attempt to return to UNF after being suspended for a year will require review by the academic department and are not guaranteed re-admissions to the major.

Former Students Returning Not in Good Standing

Former students not in good standing must file a request for readmissions in the Office of Admissions 10 weeks prior to the deadline for admissions for the term they wish to enroll.

Graduation

In order to qualify for graduation, undergraduate students must earn a minimum of 120 credit hours with at least 48 upper hours. All applicable Gordon Rule, prerequisite, requisite, general education, major, minor, contextuials, capstone/internships, and foreign language/

foreign culture requirements, must be completed with grades of "C" or above. Post-Baccalaureate students must earn a minimum of 30 upper level hours and complete all prerequisites, major requirements, major electives, and capstone/internship requirements (if applicable) with grades of "C" or above.

The application for graduation must be filed with One Stop Student Services preferably by the first week of classes during the final semester. The deadline for application is always published in the University calendar each semester.

Arts and Sciences majors may not take courses at other institutions during the semester of graduation. Special exceptions, such as relocation of students who are subject to military obligations, may be reviewed by petition by the Arts and Sciences Dean's Office. All final official transcripts must be received and processed in the Office of Admissions prior to the deadline established by One Stop Student Services. If final transcripts are not received, students must reapply for graduation by the established deadline to be considered for the following semester.

Contextual Studies

Contextual studies are courses closely allied to the subject matter of the major.

Minors

Minors are organized sequences of courses in interdisciplinary areas intended to supplement the student's major interest. A minor consists of 15 credit hours of course work, excluding any prerequisites, in an approved minor sequence (see the approved list of minors in this section). Bachelor of Science majors in Mathematics and Statistics must complete the number of hours required for their specific minor, usually from 12-18 hours. All minors must be selected from the list of approved minors, including approved minors outside the College of Arts and Sciences.

Majors

The major is designed to develop the student's competence in a specific field. All majors within the College of Arts and Sciences contain a minimum of 24 credit hours within the designated discipline area. Specific requirements for majors and minors available in the College of Arts and Sciences are described on the following pages for the disciplines.

Transfer Hours

Students transferring from other institutions with upper level major courses may request to apply a maximum of 15 credit hours toward major requirements but at least fifty percent of the major must be completed at UNF. Transfer courses must be equivalent in course content and title to UNF's major requirements, must carry upper level numbers and must be grades of "C"

or above (unless higher grades are specified by the academic major). Major requirements are found under the individual academic departments.

The Bachelor of Arts Degree

All Bachelor of Arts degree students must complete both a major and a minor. The major shall require not more than 10 upper-level courses and must include at least 24 upper-level credit hours. If a major requires more than 30 upper-level credit hours, then all hours in excess of 30 shall be added to the minimum number of hours required for graduation.

MAJORS:

Anthropology B.A.

Art B.A.

With concentrations in:

Art History

Ceramics & Sculpture

Painting & Drawing

Biology B.S.

Chemistry B.S.

Communication B.S.

With concentrations in:

Advertising

Electronic Media

Journalism

Public Relations

Criminal Justice B.A.

Economics B.A.

English B.A.

English-Drama B.A.

Fine Arts B.F.A.

With concentrations in:

Ceramics & Sculpture

Graphic Design and Digital Media (limited access)

Painting & Drawing

Photography

French Studies B.A.

History B.A.

International Studies B.A.

With concentrations in:

Asian Studies

European Studies

Latin American Studies

Middle East and Africa

International Relations & Politics

Foreign Language and Culture

Liberal Studies (limited access) B.A.

Mathematics B.A.

Mathematics B.S.

Music – (audition required) (limited access) B.A.

Music – Jazz Studies (audition required) (limited access) B.M.

Music – Performance (audition required) (limited access) B.M.

With concentrations in:

Piano

Piano Pedagogy

Strings (including Harp)

Voice

Woodwinds, Brass, Percussion

Philosophy B.A.

With concentrations in:

Advanced Studies

Applied Ethics

General Philosophy

Historical and Comparative

Legal, Political and Social Studies

Literary and Cultural

Physics B.S.

With concentrations in:

Civil Engineering

Computing Emphasis

Electrical Engineering

Mechanical Engineering

Political Science B.A.

With concentrations in:

General Political Science

American Politics

International Relations & Comparative Politics

Public Law

Public Administration & Public Policy

Fast Track Concentration

Psychology B.A.

Psychology B.S.

Sociology B.A.

With concentrations in:

Social Welfare

Sociology

Spanish B.A.

Statistics B.A.

Statistics B.S.

MINORS:

Africa Diaspora / African American Studies

Anthropology

Applied Statistics

Art - History

Art - Photography

Art - Studio

Asian Studies

Biology

Chemistry

Classical Civilization

Communication Studies

Criminal Justice

Drama

Economics

English

Environmental Studies

Film Studies

French

Gender Studies

History

International Studies

Mass Communication

Mathematics

Music History

Philosophy

Philosophy: Applied Ethics



Philosophy: Culture and Philosophy
Philosophy: Law and Philosophy
Physics
Political Science
Psychology
Public Administration
Religious Studies
Social Welfare
Sociology
Spanish
Statistics
Urban and Metropolitan Studies

**Approved minors from other colleges:
(see respective college section.)**

Business Administration
Computer Science
Education: American Sign Language/Deaf Studies
Education: Professional Education
Education: Sports Management
Electrical Engineering
Geography
Health Sciences
Information Systems

The Bachelor of Fine Arts Degree

The College of Arts & Sciences offers the Bachelor of Fine Arts degree with concentrations in Ceramics/Sculpture, Graphic Design/Digital Media, Painting/Drawing, and Photography. The requirements are described on the following pages.

The Bachelor of Science Degree

The College of Arts and Sciences offers the Bachelor of Science degree in Biology, Chemistry, Communication, Mathematics, Physics, Psychology, and Statistics. The requirements are described on the following pages.

The Bachelor of Music

The College of Arts and Sciences offers the Bachelor of Music degree in Jazz Studies and Performance (Brass, Percussion, Piano, Piano Pedagogy, Strings (including Harp), Woodwinds, and Voice). The requirements are described on the following pages.

Gender Studies Minor Program

The purpose of the Gender Studies minor is to provide interested students with an opportunity to focus a portion of their college studies on issues related to women's lives, culture and history, men's studies, and to the impact of gender on human experience and behavior across a variety of disciplines.

In particular, the minor explores gender issues and experiences and fosters educational equity. It provides an opportunity for faculty and students alike to explore women's changing social roles, experiences, problems, and contributions to society, which often have been

omitted in the traditional academic disciplines. Also included in the gender studies minor is the growing new area of men's studies which focus on men as a sex and how gender impacts men's lives. In addition, the minor examines how gender identities about men and women are created by a variety of societal forces that change over time and from culture to culture, the wider ramifications of these changes for all genders, and for the general perception of gender in society. Courses in the Gender Studies minor investigate the full diversity of women's and men's experience and gender issues. The minor provides opportunities for true interdisciplinary learning, since the program requires students to take courses from across college and University offerings.

The program of study for the minor in Gender Studies consists of one required core course and twelve hours of electives from an approved list of existing courses which is maintained by the Gender Studies Committee. New courses which are approved by the committee are added to the list. All students selecting the Gender Studies minor who wish to take a course which does not appear on the list and receive credit for it towards the minor must have approval from the Director of Gender Studies.

Before graduation all students with the minor must complete at least one of the following:

- a an internship or service learning project with an appropriate agency approved by the Director;
- b a major research paper on a gender studies topic.

This requirement may be fulfilled either in the core or one of the elective courses or through an Independent Study, internship, etc., supervised by a faculty member. The Independent Study, internship, or service learning project will be used to help satisfy the unit requirement for the minor.

This new requirement will only apply to students who enroll in the minor beginning in the fall of 2000. Students who declare the minor before that semester are exempt from this requirement.

Minor: Gender Studies Minor

No more than six credit hours, or two courses, may be transferred in to satisfy minor course requirements. No more than three credit hours, or one 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.

SYD 3800 3 CD - Gender And Society

Select four courses from the following:

SOP 3742	Psychology of Women
CCJ 4663	Women & Crime
HSC 4579	Women's Health Issues
FOT 3552	Women in the Arab World
LIT 4930	18th Century Women Novelist
ASN 3106	Japanese Women
SYA 4930	Women & the Law
LIT 4930	Southern Women Writers

AML 3621	Black American Literature
LIT 4930	Irish Women Writers
LIT 4930	Sense & Sensibility
POS 4932	Women/Power Organization
REL 3145	Women & Religion: The West Experience
SYO 3110	Sexuality & Marriage

PreMedical Program

Michael R. Lentz, Ph.D., Advisor, PreMedical Professions Advisor

The College of Arts and Sciences offers a PreMedical Professions Program under the auspices of the Department of Biology and the Department of Chemistry and Physics. The PreMed Program is not an academic program rather it is an advising and support system for students preparing for careers in medicine, dentistry, pharmacy, optometry, podiatry, or veterinary medicine. Program components include: medical professional school academic advising by a UNF faculty member; program advising by professional academic advisors in the College of Arts and Sciences; special information services on professional school entrance testing, application process, volunteer opportunities, interviewing techniques, and seminars by practicing professionals on career opportunities.

A Premed Certificate program is available to post-baccalaureate students who wish to apply to medical professional schools for the first time. Features of the certificate program include all appropriate undergraduate course work, and opportunities for advanced course work at UNF.

Students may also participate in the student organizations PreMed Society or the UNF Chapter of the American Medical Student Association (AMSA). Students interested in seeking counsel from the PreMedical Professions Advisor may call (904) 620-2608 or visit the website at www.unf.edu/dept/premed/.

Pre-Law Program

Martin I. Edwards, Director Pre-Law Program

The College of Arts and Sciences offers a Pre-Law Program to enhance the preparation of the undergraduate student interested in pursuing law school and entrance into law school or a law-related career. The Pre-Law Program is multifaceted in the range of services to students preparing for the rigors of legal training. Components of the program include thorough pre-law advising, curriculum analysis and assistance with appropriate course selection, and preparation for the Law School Admission Test (LSAT). The program assists students in preparing for the LSAT in various ways: by helping students form study groups, by lending students a four part film series describing and analyzing the types of questions students

will experience on the LSAT, and by lending students pre-tests and booklets. The Pre-Law Program assists students in acquiring the necessary background and skills for law school admission and provides the guidance and practical information to maximize the student's opportunities for success in the field of law.

The Pre-Law Program has developed four undergraduate courses which focus on the application of specific skills and perspectives such as: analytical thinking and problem solving, critical reading and writing, oral communication, research, task organizing and management, the values of serving others and promoting social justice and knowledge. The first of the courses, "Mock Trial," was instituted during the Summer term of 1995. Students learn the fundamentals of trial techniques and strategy by active participation in mock trials. The examination of witnesses provides students with opportunities to practice direct and cross-examination skills acquired during the course. In 1996, the University joined the American Mock Trial Association and fielded its first Mock Trial team. Currently, two mock trial teams annually compete in the Southeastern Regional Mock Trial Qualifying Tournament. Five times during the past seven years UNF teams have competed in the national tournaments. Another course "The Law and Social Responsibility" contains a historical, philosophical, and sociological examination of law and legal practitioner with special reference to such questions as: "Do law, lawyers, and law enforcers make people socially responsible?" The third course, "Pre-Law Seminar: Ethics, Standards and Values" focuses on the ethical role a contemporary lawyer has in an ever changing society. The fourth course, "Child Advocacy," deals with the role various professionals perform in dealing with the rights of children within the legal system.

The program also maintains a resource center with the latest information on the LSAT, various law school catalogues, information on applying to law schools, and other relevant information. Additionally, The Pre-Law Program offers a \$1,500 scholarship each semester to students who qualify. To be eligible, students must be currently enrolled in the Pre-Law Program and have been enrolled for two consecutive semesters prior to applying, have and maintain a 3.25 GPA, and be enrolled as a full-time student (12 credit hours). Prospective students are welcome to visit the pre-law offices throughout the year or visit the website at www.unf.edu/coas/pre-law/. Students interested in the Pre-Law Program should consult the Director of the Pre-Law Program, the Social Sciences Building, Bldg. 51/Room 2117, phone (904) 620-1069.

B.A. in International Studies

Pamela A. Zeiser, Associate Professor & Director

The Departments of Sociology and Anthropology; Economics and Geography; English; History; Philosophy; Political Science and Public Administration; and World Languages cooperatively offer the interdisciplinary program in international studies.



The major allows undergraduate students to pursue an interdisciplinary study of the world today and comparative study of foreign cultures, languages, and societies leading to a Bachelor of Arts degree in International Studies. Students majoring in the International Studies program will complete a five-course core requirement (15 credit hours) which provides the framework for a better understanding of global affairs. Beyond the core course requirements, the major permits students to select three courses (nine credit hours) from one of six thematic or regional study tracks:

- a. Asian studies;
- b. European studies,
- c. Latin American studies;
- d. Middle East and African studies,
- e. International Relations and Politics; and
- f. Foreign Language and Culture.

Students are required to study a foreign language through the intermediate level and to undertake an international educational experience. Finally, students complete a required Capstone experience in their senior year.

Recommended prerequisites are INR 2002 Introduction to International Relations and/or CPO 2002 Introduction to Comparative Politics. Students cannot enroll in required core courses without first having taken at least one of these prerequisites.

Please note: This is a daytime-only major. While many courses are offered as night courses, a student cannot complete the program solely at night. A selection of core courses is offered each semester, but each individual core course is generally offered once per year. The Capstone seminar is offered only once per year.

Major: International Studies
Concentration: Asian Studies
Degree: Bachelor of Arts

Foreign Language (8 credits)

Requires grades of "C" or above.

Select one Language Sequence

Complete one sequence of two semesters beginning-level language (such as FRE 1120 Beginning French I and FRE 1121 Beginning French II) with a grade of "C" or higher:

CHI FRE GER JPN POR RUS SPN

Requisites (6 credits)

Requires grades of "C" or above.

Select two Intermediate Language

Foreign language proficiency is required. Students should have foreign language proficiency or CLEP equivalent to two beginning-level (see Foreign Language area) and two intermediate-level languages (in the same language). Students may satisfy the foreign language requirement by attaining

proficiency equal to that associated with completion of intermediate level courses (2000 level or above) or completion of six credit hours beyond the above mentioned college requirement of an eight-hour introductory sequence in any foreign language.

Select two Intermediate Courses in Foreign Language:
 CHI FRE GER JPN POR RUS SPN

Students already proficient in two languages may petition the program director to substitute two regional/thematic courses in place of the intermediate-level language courses.

Major Requirements (15 credits)

Requires grades of "C" or above.

ANT 3212	3	CD-(FC) Peoples/Cultures World
ECO 3701	3	CD-Contemporary Int'l Eco
GEO 3553	3	Cultural Dimensions of Eco Geo

Select one from the following:

CPO 4014 Comp Politics: Frameworks for Analysis
Prerequisite: CPO 2002

INR 4603 Int'l Relations: Frameworks of Analysis
Prerequisite: INR 2002

Select one from the following:

ANT 4083	Quantitative Methods in Anthropology
ANT 4801	Ethnographic Methods
HIS 3051	The Craft of the Historian
POS 3713	Political Inquiry & Analysis

Major Electives (9 credits)

Thematic or regional studies area. For additional courses check with the list in the COAS Advising Office each semester.

Select three courses from the following:

ANT 4362	(FC) People & Cultures of Southeast Asia
ASH 3337	(FC) Gandhi/Modern India
ASH 3400	CD-(FC) 20th Cent Chinese Civilization
ASH 3404	Modern China
ASH 3440	CD-(FC) Japanese Civilization
ASH 3444	Japan After 1868
ASH 3448	Hiroshima
ASH 3620	Asian Art & Culture
ASH 3932	Selected Topics: Asian History
ASH 4934	Seminar: Asian History
ASN 3106	Japanese Women
EUH 3581	Russia in Asia
INR 4905	Directed Independent Study
LIT 3193	(FC) Literature of the East
PHH 3811	Philosophy of Zen Buddhism
PHH 3820	(FC) Chinese Philosophy
PHH 3860	(FC) Japanese Mind
PHI 3664	Ethics East & West
PHI 3931	Philosophy East & West
REL 3310	Asian Religions
REL 3330	Religions of India

International Educational Experience

INR 3950 0 Int'l Educational Experience

A. Successful completion of an UNF sponsored study abroad program.



- B. Successful completion of another University sponsored study abroad program.
- C. Successful completion of a student exchange program abroad.
- D. Successful completion of a language study abroad program.
- E. Successful completion of an internship program abroad.
- F. Successful completion of a United States based international experience.

Capstone Seminar (3 credits)

INR 4930 3 Capstone Seminar: Intl Studies
Prerequisites: Senior standing and satisfactory completion of the program's core courses:
 ANT 3212, ECO 3701, GEO 3553, CPO 4014 or INR 4603, and ANT 4083 or ANT 4801 or HIS 3051 or POS 3713

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)*

Free Electives (4 credits)

Select four hours Free Electives 3000/4000
 This degree requires a minimum of 120 total hours with 48 upper-level (3000/4000) 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).

**Major: International Studies
 Concentration: European Studies
 Degree: Bachelor of Arts**

Foreign Language (8 credits)

Requires grades of "C" or above.
 Select one Language Sequence
 Complete one sequence of two semesters beginning-level language (such as FRE 1120 Beginning French I and FRE 1121 Beginning French II) with a grade of "C" or higher:
 CHI FRE GER JPN POR RUS SPN

Requisites (6 credits)

Requires grades of "C" or above.
 Select two Intermediate Language
 Foreign language proficiency is required. Students

should have foreign language proficiency or CLEP equivalent to two beginning-level (see Foreign Language area) and two intermediate-level languages (in the same language). Students may satisfy the foreign language requirement by attaining proficiency equal to that associated with completion of intermediate level courses (2000 level or above) or completion of six credit hours beyond the above mentioned college requirement of an eight-hour introductory sequence in any foreign language.

Select two Intermediate Courses in Foreign Language:
 CHI FRE GER JPN POR RUS SPN

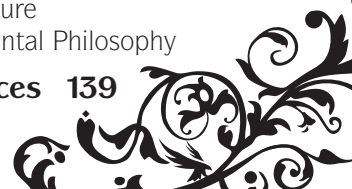
Students already proficient in two languages may petition the program director to substitute two regional/thematic courses in place of the intermediate-level language courses.

Major Requirements (15 credits)

Requires grades of "C" or above.
 ANT 3212 3 CD-(FC) Peoples/Cultures World
 ECO 3701 3 CD-Contemporary Intl Eco
 GEO 3553 3 Cultural Dimensions Of Eco Geo
 Select one from the following:
 CPO 4014 Comparative Pol. Frameworks for Analysis
Prerequisite: CPO 2002
 INR 4603 Int'l Relations: Frameworks of Analysis
Prerequisite: INR 2002
 Select one from the following:
 ANT 4083 Quantitative Methods in Anthropology
 ANT 4801 Ethnographic Methods
 HIS 3051 The Craft of the Historian
 POS 3713 Political Inquiry & Analysis

Major Electives (9 credits)

Thematic or regional studies area. For additional courses check the list in the COAS Advising Office each semester.
 Select three courses from the following:
 CPO 3123 (FC) Politics & Society in Britain & Ireland
 CPO 3151 (FC) Politics & Society in France
 CPO 3643 (FC) Politics & Society in Russia
 ECS 3303 Current Issues in the Econ of EU
 EUH 3205 19th Century Europe
 EUH 3206 20th Century Europe
 EUH 3241 The Holocaust
 EUH 3312 History of Spain
 EUH 3320 Eastern Europe
 EUH 3451 France Since 1789
 EUH 3466 (FC) Germany Today
 EUH 3502 Modern Britain
 EUH 3533 Making of Modern Ireland
 EUH 3575 Imperial Russia
 EUH 3576 Russia Since 1905
 EUH 3580 Russian Thought & Culture
 EUH 3932 Selected Topics: European History
 EUH 4294 Seminar: Modern Europe
 INR 4905 Directed Independent Study
 LIT 3184 (FC) Intro to Irish Literature & Culture
 LIT 4186 Studies in Irish Literature
 PHH 4601 20th Century Continental Philosophy



PHH 4620 20th Cen. Phil.: Anglo-Amer Tradition
SPN 3500 Peoples & Cultures of Spain

International Educational Experience

- INR 3950 0 Int'l Educational Experience
- A. Successful completion of an UNF sponsored study abroad program.
 - B. Successful completion of another University sponsored study abroad program.
 - C. Successful completion of a student exchange program abroad.
 - D. Successful completion of a language study abroad program.
 - E. Successful completion of an internship program abroad.
 - F. Successful completion of a United States based international experience.

Capstone Seminar (3 credits)

INR 4930 3 Capstone Seminar: Int'l Studies
Prerequisites: Senior standing and satisfactory completion of the program's core courses:
ANT 3212, ECO 3701, GEO 3553, CPO 4014 or INR 4603, and ANT 4083 or ANT 4801 or HIS 3051 or POS 3713

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)*

Free Electives (4 credits)

Select four hours Free Electives 3000/4000
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).

Major: International Studies Concentration: Foreign Language & Culture Degree: Bachelor of Arts

Foreign Language (8 credits)

Requires grades of "C" or above.
Select one Language Sequence
Complete one sequence of two semesters beginning-level language (such as FRE 1120 Beginning French I and FRE 1121 Beginning French II) with a grade of "C" or higher:
CHI FRE GER JPN POR RUS SPN

Requisites (6 credits)

Requires grades of "C" or above.
Select two Intermediate Language

Foreign language proficiency is required. Students should have foreign language proficiency or CLEP equivalent to two beginning-level (see Foreign Language area) and two intermediate-level languages (in the same language). Students may satisfy the foreign language requirement by attaining proficiency equal to that associated with completion of intermediate level courses (2000 level or above) or completion of six credit hours beyond the above mentioned college requirement of an eight-hour introductory sequence in any foreign language.

Select two Intermediate Courses in Foreign Language:
CHI FRE GER JPN POR RUS SPN

Students already proficient in two languages may petition the program director to substitute two regional/thematic courses in place of the intermediate-level language courses.

Major Requirements (15 credits)

Requires grades of "C" or above.

ANT 3212 3 CD-(FC)Peoples/Cultures World
ECO 3701 3 CD-Contemporary Intl Eco
GEO 3553 3 Cultural Dimensions Of Eco Geo

Select one from the following:

CPO 4014 Comp. Pol.: Frameworks for Analysis
Prerequisite: CPO 2002

INR 4603 Int'l Relations: Frameworks of Analysis
Prerequisite: INR 2002

Select one from the following:

ANT 4083 Quantitative Methods in Anthropology
ANT 4801 Ethnographic Methods
HIS 3051 The Craft of the Historian
POS 3713 Political Inquiry & Analysis

Major Electives (9 credits)

Thematic or regional studies area. For additional courses check the list in the COAS Advising Office each semester.

Select three courses from the following:

ANT 3243 Comparative Muslim Cultures
FIL 4822 French Cinema
FOL 3930 ST: Foreign Language
FOL 3953 Advanced Foreign Language Abroad
FOT 3931 Studies of Foreign Culture
FRE 3430 French for Profession
FRE 4501 France Today
FRT 3550 (FC) Faces of France
FRW 3100 Survey of French Lit: Pre-19th Century
FRW 3101 Survey of French Lit: The Modern Period
FRW 4301 Survey of French Culture Through Theater
INR 4905 Directed Independent Study
SPN 3013 Spanish for Professions
SPW 3100 Survey of Spanish Literature
SPW 3130 Survey of Latin American Literature
SPW 4202 Modern Latin American Literature
SPW 4394 Ibero-American Film

International Educational Experience

- INR 3950 0 Int'l Educational Experience
- A. Successful completion of an UNF sponsored study abroad program.
 - B. Successful completion of another University sponsored study abroad program.
 - C. Successful completion of a student exchange program abroad.
 - D. Successful completion of a language study abroad program.
 - E. Successful completion of an internship program abroad.
 - F. Successful completion of a United States based international experience.

Capstone Seminar (3 credits)

- INR 4930 3 Capstone Seminar: Intl Studies
- Prerequisites: Senior standing and satisfactory completion of the program's core courses:*
ANT 3212, ECO 3701, GEO 3553, CPO 4014 or INR 4603, and ANT 4083 or ANT 4801 or HIS 3051 or POS 3713

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)*

Free Electives (4 credits)

Select four hours Free Electives 3000/4000

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).

Major: International Studies Concentration: Int'l Relations & Politics Degree: Bachelor of Arts

Foreign Language (8 credits)

Requires grades of "C" or above.

Select one Language Sequence

Complete one sequence of two semesters beginning-level language (such as FRE 1120 Beginning French I and FRE 1121 Beginning French II) with a grade of "C" or higher:

CHI FRE GER JPN POR RUS SPN

Requisites (6 credits)

Requires grades of "C" or above

Select two Intermediate Language

Foreign language proficiency is required. Students should have foreign language proficiency or CLEP equivalent to two beginning-level (see Foreign Language area) and two intermediate-level languages (in the same language). Students may satisfy the foreign language requirement by attaining proficiency equal to that associated with completion of intermediate level courses (2000 level or above) or completion of six credit hours beyond the above mentioned College requirement of an eight-hour introductory sequence in any foreign language.

Select two Intermediate Courses in Foreign Language:

CHI FRE GER JPN POR RUS SPN

Students already proficient in two languages may petition the Program Director to substitute two regional/thematic courses in place of the intermediate-level language courses.

Major Requirements (15 credits)

Requires grades of "C" or above.

- ANT 3212 3 CD-(FC) Peoples/Cultures World
- ECO 3701 3 CD-Contemporary Intl Eco
- GEO 3553 3 Cultural Dimensions Of Eco Geo

Select one from the following:

CPO 4014 Comp. Pol.: Frameworks for Analysis

Prerequisite: CPO 2002

INR 4603 Int'l Relations: Frameworks of Analysis

Prerequisite: INR 2002

Select one from the following:

- ANT 4083 Quantitative Methods in Anthropology
- ANT 4801 Ethnographic Methods
- HIS 3051 The Craft of the Historian
- POS 3713 Political Inquiry & Analysis

Major Electives (9 credits)

Thematic or regional studies area. For additional courses check the list in the COAS Advising Office each semester.

Select three courses from the following:

- AMH 3511 The U.S. in World Affairs
- AMH 3544 The 1960s & Vietnam
- AMH 4514 Seminar: U.S. Diplomacy
- ANT 3212 CD-(FC) Peoples/Cultures World
- CPO 4034 Third World Politics
- CPO 4774 Comparative Political Communications
- ECO 3704 International Trade
- ECO 4504 Public Finance
- ECO 4713 The International Monetary System
- FIN 4604 International Finance
- GEO 3502 Economic Geography
- HIS 3307 Modern War
- INR 3016 Global Issues in Contemporary Politics
- INR 3084 Terrorism Today
- INR 3443 International Law & Organization
- INR 4334 Amer. Def. in the Age of Mass Destruction
- INR 4435 Northern Ireland Peace Process
- INR 4703 International Political Economy



INR 4905	Directed Independent Study
PAD 4832	Issues in Comparative Public Admin
REL 3443	Liberation Theologies
SYP 3440	Social Change & Int'l Development

International Educational Experience

- INR 3950 0 Int'l Educational Experience
- Successful completion of an UNF sponsored study abroad program.
 - Successful completion of another University sponsored study abroad program.
 - Successful completion of a student exchange program abroad.
 - Successful completion of a language study abroad program.
 - Successful completion of an internship program abroad.
 - Successful completion of a United States based international experience.

Capstone Seminar (3 credits)

- INR 4930 3 Capstone Seminar: Intl Studies
Prerequisites: Senior standing and satisfactory completion of the program's core courses:
 ANT 3212, ECO 3701, GEO 3553, CPO 4014
 or INR 4603, and ANT 4083 or ANT 4801
 or HIS 3051 or POS 3713

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)

Free Electives (4 credits)

Select four hours Free Electives 3000/4000
 This degree requires a minimum of 120 total hours with 48 upper-level (3000/4000) 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).

Major: International Studies Concentration: Latin American Studies Degree: Bachelor of Arts

Foreign Language (8 credits)

Requires grades of "C" or above.
 Select one Language Sequence
 Complete one sequence of two semesters beginning-

level language (such as FRE 1120 Beginning French I and FRE 1121 Beginning French II) with a grade of "C" or higher:

CHI FRE GER JPN POR RUS SPN

Requisites (6 credits)

Requires grades of "C" or above.
 Select two Intermediate Language
 Foreign language proficiency is required. Students should have foreign language proficiency or CLEP equivalent to two beginning-level (see Foreign Language area) and two intermediate-level languages (in the same language). Students may satisfy the foreign language requirement by attaining proficiency equal to that associated with completion of intermediate level courses (2000 level or above) or completion of six credit hours beyond the above mentioned College requirement of an eight-hour introductory sequence in any foreign language.
 Select two intermediate courses in foreign language:
 CHI FRE GER JPN POR RUS SPN
 Students already proficient in two languages may petition the Program Director to substitute two regional/thematic courses in place of the intermediate-level language courses.

Major Requirements (15 credits)

Requires grades of "C" or above.
 ANT 3212 3 CD-(FC) Peoples/Cultures World
 ECO 3701 3 CD-Contemporary Intl Eco
 GEO 3553 3 Cultural Dimensions Of Eco Geo
 Select one from the following:
 CPO 4014 Comp. Pol.: Frameworks for Analysis
Prerequisite: CPO 2002
 INR 4603 Int'l Relations: Frameworks of Analysis
Prerequisite: INR 2002
 Select one from the following:
 ANT 4083 Quantitative Methods in Anthropology
 ANT 4801 Ethnographic Methods
 HIS 3051 The Craft of the Historian
 POS 3713 Political Inquiry & Analysis

Major Electives (9 credits)

Thematic or regional studies area. For additional courses check the list in the COAS Advising Office each semester.

- ANT 3340 Anthropology of West Indies
- ANT 4331 (FC) People of the Andes
- CPO 3351 (FC) Politics & Society in Brazil
- INR 3248 US Caribbean/Central America Relations
- INR 4905 Directed Independent Study
- ECS 3403 Current Issues in Eco of Latin America
- LAH 3300 CD-(FC) Modern Latin America
- LAH 3712 Inter-American Relations
- LAH 3932 Selected Topics: Latin American History
- LAH 4932 Seminar: Latin American History
- LAS 3020 (FC) Peoples & Cult of the Caribbean
- LAS 3031 (FC) Peoples & Cult of the South Cone
- LAS 3033 (FC) Peoples & Cult of Cen. Amer. & Mex

LAS 3280 (FC) Issues in Modern Brazilian Culture
 LAS 3930 Culture of Latin America
 SPN 3501 Hispanic Culture

International Educational Experience

- INR 3950 0 Int'l Educational Experience
- Successful completion of an UNF sponsored study abroad program.
 - Successful completion of another University sponsored study abroad program.
 - Successful completion of a student exchange program abroad.
 - Successful completion of a language study abroad program.
 - Successful completion of an internship program abroad.
 - Successful completion of a United States based international experience.

Capstone Seminar (3 credits)

INR 4930 3 Capstone Seminar: Intl Studies
Prerequisites: Senior standing and satisfactory completion of the program's core courses:
 ANT 3212, ECO 3701, GEO 3553, CPO 4014
 or INR 4603, and ANT 4083 or ANT 4801
 or HIS 3051 or POS 3713

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)*

Free Electives (4 credits)

Select four hours Free Electives 3000/4000
 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).

Major: International Studies
Concentration: Middle East-African Studies
Degree: Bachelor of Arts

Foreign Language (8 credits)

Requires grades of "C" or above.
 Select one Language Sequence
 Complete one sequence of two semesters beginning-

level language (such as FRE 1120 Beginning French I and FRE 1121 Beginning French II) with a grade of "C" or higher:
 CHI FRE GER JPN POR RUS SPN

Requisites (6 credits)

Requires grades of "C" or above.
 Select two Intermediate Language
 Foreign language proficiency is required. Students should have foreign language proficiency or CLEP equivalent to two beginning-level (see Foreign Language area) and two intermediate-level languages (in the same language). Students may satisfy the foreign language requirement by attaining proficiency equal to that associated with completion of intermediate level courses (2000 level or above) or completion of six credit hours beyond the above mentioned college requirement of an eight-hour introductory sequence in any foreign language.
 Select two intermediate courses in foreign language:
 CHI FRE GER JPN POR RUS SPN
 Students already proficient in two languages may petition the program director to substitute two regional/thematic courses in place of the intermediate-level language courses.

Major Requirements (15 credits)

Requires grades of "C" or above.
 ANT 3212 3 CD-(FC) Peoples/Cultures World
 ECO 3701 3 CD-Contemporary Intl Eco
 GEO 3553 3 Cultural Dimensions Of Eco Geo
 Select one from the following:
 CPO 4014 Comp. Pol.: Frameworks for Analysis
Prerequisite: CPO 2002
 INR 4603 Int'l Relations: Frameworks of Analysis
Prerequisite: INR 2002
 Select one from the following:
 ANT 4083 Quantitative Methods in Anthropology
 ANT 4801 Ethnographic Methods
 HIS 3051 The Craft of the Historian
 POS 3713 Political Inquiry & Analysis

Major Electives (12 credits)

Thematic or regional studies area. For additional courses check the list in the COAS Advising Office each semester.
 Select three courses from the following:
 AFH 3450 South Africa
 ANT 4352 (FC) Peoples & Cultures of Africa
 ASH 3223 CD-(FC) Middle East
 CPO 3213 (FC) Politics & Soc in Sub-Saharan Africa
 INR 4905 Directed Independent Study
 FOT 3552 (FC) Women of the Muslim-Arab World
 FRT 3551 Francophone African Lit. & Culture
 REL 3607 Selected Topics in Jewish Studies

International Educational Experience

INR 3950 0 Int'l Educational Experience
 A. Successful completion of an UNF sponsored study abroad program.



- B. Successful completion of another University sponsored study abroad program.
- C. Successful completion of a student exchange program abroad.
- D. Successful completion of a language study abroad program.
- E. Successful completion of an internship program abroad.
- F. Successful completion of a United States based international experience.

Capstone Seminar (3 credits)

INR 4930 3 Capstone Seminar: Int'l Studies
Prerequisites: Senior standing and satisfactory completion of the program's core courses:
 ANT 3212, ECO 3701, GEO 3553, CPO 4014
 or INR 4603, and ANT 4083 or ANT 4801
 or HIS 3051 or POS 3713

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)*

Free Electives (4 credits)

Select four hours free electives 3000/4000

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).

International Studies Minor

The Departments of Sociology, Anthropology and Criminal Justice; Economics and Geography; English; History; Philosophy and Religious Studies; and Political Science and Public Administration; and World Languages cooperate in offering an interdisciplinary program in international studies.

The minor in international studies allows undergraduate students to pursue an interdisciplinary and comparative study of foreign cultures and societies while fulfilling the academic requirements for a minor in one of the College of Arts and Sciences degree programs.

Minor: International Studies Minor (15 credits)

A grade of "C" or higher is required in all minor coursework. Only two courses, or six semester hours may be transferred

in to satisfy minor requirements. Only one course carrying a lower level number may apply towards the minor.

Select three from the following:

ANT 3212	Peoples & Cultures of the World
CPO 4014	Comp. Pol.: Frameworks for Analysis
ECO 3701	Contemporary International Economics
GEO 3553	Cult Dimensions of Economic Geography
INR 4603	Int'l Relations: Frameworks for Analysis

Select two Minor Electives (3000/4000)

Select two courses from the same concentration (see list of major electives for the International Studies Major):

Asian Studies, European Studies, Latin America, International Relations & Politics, Foreign Language & Culture, Middle East & Africa.
 ASH GEO LIT PHI CPO SYP ECO EUH HIS ANT FOT
 INR FIL LAH SPN SPW AMH LAS FRT FRW HSC FIN
 PHH ASN ECS FIN FOL LAH LAS PHI

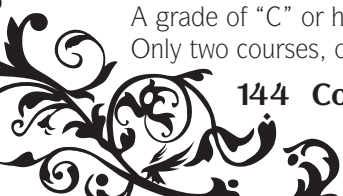
Irish Studies

The University regularly offers Irish Studies courses in Art History, History, Literature (including Celtic spirituality and film), Nursing, Political Science and Sociology. Such courses may count toward an appropriate major or minor, including the International Studies major or minor (above), or as electives. Inquiries about a planned minor in Irish Studies are welcome. CPO 3123, Politics and Society in Britain and Ireland, and LIT 3184, Introduction to Irish Literature and Culture, have been approved as foreign culture courses (College of Arts and Sciences); EUH 3533, The Making of Modern Ireland, and LIT 3184, Introduction to Irish Literature and Culture, have been approved as cultural diversity courses (Coggin College of Business).

Each fall and spring semester a variety of free public events - lectures, concerts, films, poetry readings, symposia, etc. - are offered in the Irish Studies Performance and Lecture Series. To encourage the inclusion of Irish Studies content in courses within any appropriate academic discipline, John Francis Reilly Fellowships for Curriculum Development in Irish Studies are periodically awarded to UNF faculty in open, campus-wide competition. Each spring the Moriarty Prize of \$250 is awarded at the University convocation to the UNF undergraduate whose work in Irish Studies, in any academic discipline, has been judged most outstanding. For information about the Irish Studies Program at UNF, please contact Pamela Zeiser, interim director of Irish Studies, at pzeiser@unf.edu; (904) 620-1931.

Liberal Studies Degree Program

For students who wish to explore an intellectual field not contained or defined by an existing major, the College of Arts and Sciences offers a Bachelor of Arts in Liberal



Studies. This degree program provides an opportunity for the in-depth study of such interdisciplinary topics as aging or neurophysiology. Note that the liberal studies major is not a vehicle for general study in the various liberal arts disciplines, but is intended to focus on a cross-disciplinary research project that does not fall within a conventional major.

Students, in cooperation with an advisor, design their own curriculum. The program challenges students to assume major responsibility for the direction of their own education and expects a high level of motivation and achievement from them. Students with less than a 3.0 GPA will not ordinarily be approved for Liberal Studies.

The requirements for completing the liberal studies program are:

1. **Distribution Requirement** - Each student will choose one course from each of the four discipline areas within the College of Arts and Sciences (communicative arts, fine arts, social sciences and natural and mathematical sciences).
2. **Electives** - With the approval of a college advisor each student may choose 33 credit hours of elective credits, with no more than nine credit hours from outside the College of Arts and Sciences.
3. **Major Theme** - Each student will choose a theme area and, under the guidance of a major professor will take nine credit hours of course work and a College of Arts and Sciences methodology course in preparation for the liberal studies exposition.
4. **Liberal Studies Exposition** - At the culmination of the student's program, each student will undertake a three-credit hour project designed in consultation with and approved by the student's major professor.

Students interested in the liberal studies program should contact an advisor in the College of Arts and Sciences, (904) 620-2797. Final approval of the student's plan of study will be made by the chair of the Department of History. No approval will be given until the student has drafted a proposed program of study in consultation with an advisor.

Major: Liberal Studies

Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of foreign language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring

FC Foreign Culture Option

Students who successfully completed two years of foreign

language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (12 credits)

Select 1 Fine Art 3000/4000

ARH HUM MUH

Select one Communicative Art 3000/4000

ADV AMH AML ASH ASN CRW ENG ENL EUH HIS JOU

LAH LIT MMC PHH PHI PHM PHP PUR REL RTV

Select one Social Science 3000/4000

ANT CLP CPO DEP EAB ECO EXP INP INR PAD PCO

POS POT PPE SOP SYA SYD SYG SYO SYP PSY PUP

Select one Natural Science 3000/4000

APB BCH B.S.C CHM CHS MCB OCB OCE PHY ZOO

Major Electives (40 credits)

Select 21 hours to support the theme

Courses to be chosen in areas related to major theme.

No more than nine hours outside the College of Arts and Sciences.

Research Methods Requirement

Select one Research Methods appropriate to exposition topic. **Note:** POS 3713, SYA 3300, CCJ 3700 and PSY 3214/3213L all require Elementary Statistics.

ANT 4192 Archaeological Research Strategy

CCJ 3700 Rsrch. Methods in Crim. & Criminal Justice

ENG 4013 Approaches to Literary Interpretation

HIS 3051 Craft of the Historian

POS 3713 Political Inquiry & Analysis

PSY 3214 Research Methods in Psychology

PSY 3213L Research Methods Lab

SYA 3300 Logic of Inquiry

Select three Theme Courses 3000/4000

(must be directly related to exposition topic)

IDS 4910 3-9 Liberal Studies Expo

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.)*

Department of Art and Design

Debra L. Murphy, Associate Professor & Chair

Louise Freshman Brown, Professor

Paul Ladnier, Associate Professor



Dominick Martorelli, Associate Professor
Claudia Scaff, Associate Professor
Myrna “Trudy” Abadie-Fail, Assistant Professor
Owiredu Baffour, Assistant Professor
David Begley, Assistant Professor
P. Scott Brown, Assistant Professor
Karen Carter, Assistant Professor
Blake Coglianesi, Assistant Professor
Vanessa Cruz, Assistant Professor
Nofa Dixon, Assistant Professor
Stephen Heywood, Assistant Professor
Ellen Housel, Assistant Professor
Paul Karabinis, Assistant Professor
Emily Arthur Douglass, Assistant Professor
Kyle Keith, Instructor
Raymond Gaddy, Instructor
(904) 620-4037

The mission of the Department of Art and Design at the University of North Florida is to provide outstanding undergraduate teaching in the disciplines of studio arts (including painting, drawing, ceramics and sculpture), photography, graphic design and digital media and art history, and to instill creative, analytical, applied and theoretical skills while providing opportunities for transformational experiences such as internships, directed research and study tours abroad.

The Department of Art and Design offers courses of study leading to career preparation in fine arts, graphic design and digital media, and art history as practitioners, teachers, artists or consultants; provides service courses in art 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, painting/drawing, ceramics/sculpture, and graphic design and digital media. The department interacts with various University and community agencies to provide conceptualization, visualization and execution of artistic concepts. 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.

Art: The major in art leads to the B.A. or the B.F.A. degree with concentrations or respective specializations in painting, drawing, ceramics, sculpture, art history, graphic design and digital media, and photography. Students entering the program at the junior level with a minimum of 18 hours in lower division art courses may be required to present an art portfolio as an aid to program planning and for admission to the B.F.A. degree program.

Art majors in the College of Arts and Sciences must earn at least a 2.5 average in their art courses. No grade below “C” in major courses will apply toward graduation.

Artwork left longer than one term becomes the property of the department to be disposed of as the department chooses.

First day attendance rule: Any student who misses the first day without advance notice to the department chairperson will be administratively withdrawn from that course.

The Department of Art and Design office should be notified in advance if the first day of class in a given semester or summer session will be missed. Failure to do so will forfeit your place in that class. Students on the wait list must attend the first day of class.

Prerequisite policy: Courses must be taken in prerequisite order. Electronic approval must be obtained for courses requiring prerequisites each semester. Please check the catalog course description section for prerequisites required for each course prior to registering. If a course is prerequisite to another, the courses may not be taken at the same time. Prerequisites are strictly enforced by the faculty and registrar.

Please be aware of all prerequisites before enrolling in a course. Prerequisites are enforced.

All major requirements and major electives must be completed with grades of “C” or above.

Note: Students may not take any independent study courses in any fine arts area without the prior, written approval of the department chairperson.

Additional department policies and rules of importance:

- Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.
- Important note: students must earn the appropriate number of upper level and overall hours to graduate (even if the major requires lower level courses).
- A minimum of 120 credit hours is required for graduation (48 hours must be upper level).
- All prerequisites, major, minor, foreign language (if applicable), foreign culture and Gordon Rule courses require grades of “C” or higher.



- Third repeats of attempted courses, including W, WP, WF, F and courses in which passing grades were earned, will be assessed excess hour surcharges. Exceptions include courses approved to repeat academic credit (students should consult their academic advisor).
- Students must pass or meet exemption criteria for all sections of the CLAST exam prior to earning an AA and before earning 36 upper level hours.
- Students who started at a state University prior to earning 60 credit hours must satisfy the 9 hour summer requirement before being approved for graduation.
- All students must apply to graduate during registration for the last semester of courses at UNF. Deadlines are published online.
- An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- Students may not enroll at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual/concurrent enrollment in their last semester.

The Bachelor of Arts (B.A.)

The B.A. in Art is a general liberal arts degree. Students interested in the art education program or those who already hold a bachelor's degree and who are interested in receiving certification in the teaching of art should refer to the College of Education and Human Services (COEHS) section of this catalog. The COEHS Advising Office may be reached at (904) 620-2530.

Major: Art

Concentration: Art History

Degree: Bachelor of Arts

Prerequisites (24 credits)

Requires grades of "C" or above.

Note: Students should continually take Art History courses with other art courses to properly prepare for the major.

ARH 2050	3	Art History Survey I
ARH 2051	3	Art History Survey II
ART 1201C	3	Two-Dimensional Design
ART 2203C	3	Three-Dimensional Design
ART 1300C	3	Drawing I
ART 2301C	3	Drawing II
ARH 3001 may substitute for ARTX 300 and ARTX 301		

Select two Intro Media Courses 1000/2000 level
ART / PGY

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese,

German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (21 credits)

All Art Requirements and Art Electives must be completed with grades of "C" or higher.

PGY 2401C 3 Black & White Photography

Select one Art History from

ARH 4800 Aesthetics of Art; or

Another Art History elective (3000/4000)

ARH

Select five ARH courses (3000/4000)

Suggested Art History courses: ARH 3170, ARH

ARH 3302, ARH 3319, ARH 3410, ARH 4710.

Major Electives (9 credits)

Students may not take independent study courses without the prior written approval of the department chair

Select three Art Electives (3000/4000)

ARH ART PGY

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, Appendix D.

Note: 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.)*

Free Electives (7 credits)

Electives seven hours (3000/4000)

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).

Major: Art

Concentration: Ceramics/Sculpture

Degree: Bachelor of Arts

Prerequisites (24 credits)

Requires grades of "C" or above.

Note: Students should continually take art history courses with other art courses to properly prepare for the major.



- ARH 2050 3 Art History Survey I
- ARH 2051 3 Art History Survey II
- ART 1201C 3 Two-Dimensional Design
- ART 2203C 3 Three-Dimensional Design
- ART 1300C 3 Drawing I
- ART 2301C 3 Drawing II
- ARH 3001 may substitute for ART X300 and ART X301

Select two Intro Media courses 1000/2000 level
ART / PGY

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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

Major Requirements (21 credits)

Prerequisite policy: courses must be taken in prerequisite order. Electronic approval must be obtained for courses requiring prerequisites each semester. Please check the catalog course description section for prerequisites required for each course prior to registering. If a course is a prerequisite to another, the courses may not be taken at the same time. Prerequisites are strictly enforced by the faculty and registrar.

First day attendance rule: Any students who misses the first day without advanced notice to the department chair will be administratively withdrawn from the course.

Grades of "C" or above required for all major courses.

- ARH 4800 3 Aesthetics of Art
- ART 2330C 3 Figure Drawing
- Prerequisites: ART 1300C & ART 2301C*

- ART 3707C 3 Sculpture I
- ART 3786C 3 Ceramics
- ART 4965C 3 Fine Arts Portfolio

Select two Art History (3000/4000)
ARH

Major Electives (9 credits)

Ceramics majors must take Ceramics electives, while Sculpture majors must take Sculpture electives.

Ceramics Electives

- ART 3765C Ceramics: Intermediate
- ART 4768C Advanced Ceramics

Sculpture Electives

- ART 3709C Sculpture: Intermediate
- ART 4710C Advanced Sculpture
- Select one Art Elective (3000/4000)
ART

Note: Students may not take any independent study courses in any fine arts area without the prior, written approval of the department chairperson.

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.)*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

Major: Art Concentration: Painting/Drawing Degree: Bachelor of Arts

Prerequisites (24 credits)

Requires grades of "C" or above.

Note: Students should continually take art history courses with other art courses to properly prepare for the major.

- ARH 2050 3 Art History Survey I
- ARH 2051 3 Art History Survey II
- ART 1201C 3 Two-Dimensional Design
- ART 2203C 3 Three-Dimensional Design
- ART 1300C 3 Drawing I
- ART 2301C 3 Drawing II
- ARH 3001 may substitute for ART X300 and ART X301

Select two Intro Media courses 1000/2000 level
ART / PGY

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese,



German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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

Major Requirements (24 credits)

Requires grades of "C" or higher.

ART 2330C	3	Figure Drawing
ART 2500C	3	Painting Fundamentals
ART 3332C	3	Figure Drawing II
ART 3560C	3	Figurative Painting
ART 3504C	3	Painting Studio
ART 4805C	3	Painting & Drawing Research
ART 4965C	3	Fine Arts Portfolio
ARH 4800	3	Aesthetics of Art

Major Electives (6 credits)

Requires grades of "C" or higher.

Select one Art History

ARH (3000/4000)

Select one Art or Photo Elective

ART/PGY (3000/4000)

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

The Bachelor of Fine Arts (B.F.A.)

The B.F.A. degree is designed to provide a more intensive background in art for successful completion of the first level of professional education in the visual arts.

This degree seeks to develop artistic awareness, studio competence and historic and philosophical perspective. The following are the available concentrations leading to the B.F.A. in art. Please note the prerequisites:

Major: Fine Arts Concentration: Ceramics/Sculpture Degree: Bachelor of Fine Arts

Prerequisites (24 credits)

Requires grades of "C" or above.

Note: Students should continually take Art History courses with other Art courses to properly prepare for the major.

ARH 2050	3	Art History Survey I
ARH 2051	3	Art History Survey II
ART 1201C	3	Two-Dimensional Design
ART 2203C	3	Three-Dimensional Design
ART 1300C	3	Drawing I
ART 2301C	3	Drawing II
ARH 3001 may substitute for ART X300 and ART X301		

Select two Intro Media courses 1000/2000 level

ART / PGY

Major Requirements (24 credits)

Prerequisite policy: Courses must be taken in prerequisite order. Electronic approval must be obtained for courses requiring prerequisites each semester. 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 department chairperson will be administratively withdrawn from that course.

Grades of "C" or above required in all major courses.

PGY 2401C	3	Black And White Photography
ART 2605C	3	Basic Computer Images
ART 2500C	3	Painting Fundamentals

Prerequisite: one Drawing course

ART 2330C	3	Figure Drawing
<i>Prerequisite: ART 1300C & ART 2301C</i>		

ARH 4800	3	Aesthetics Of Art
ART 4965C	3	Fine Arts Portfolio

Select two Art Hist Courses (3000/4000)

ARH

Major Electives (27 credits)

Ceramics majors follow the Ceramics track, while Sculpture majors follow the Sculpture track. Ceramic majors take the following:

ART 3707C	Sculpture Process	
ART 3786C	Ceramics	
ART 3765C	Ceramics: Intermediate	
ART 4929C	Senior Project	



Select five Ceramic Electives from:

- ART 3786C Ceramics
- ART 3765C Ceramics: Intermediate
- ART 4768C Advanced Ceramics
- ART 4929C Senior Project

Sculpture Majors take the following:

- ART 3707C Sculpture Process
- ART 3709C Sculpture: Intermediate
- ART 4710C Advanced Sculpture
- ART 4929C Senior Project
- ART 3786C Ceramics

Select five Sculpture Electives from:

- ART 3707C Sculpture Process
- ART 3709C Sculpture: Intermediate
- ART 3714C Sculpture: Casting
- ART 4710C Advanced Sculpture
- ART 4736C Sculpture: Enlivened Space
- ART 4929C Senior Project

Free Electives (9 credits)

Select nine hours Free Electives 3000/4000

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).

Major: Fine Arts

Concentration: Painting-Drawing

Degree: Bachelor of Fine Arts

Prerequisites (24 credits)

Requires grades of "C" or above.

Note: Students should continually take Art History courses with other art courses to properly prepare for the major.

- ARH 2050 3 Art History Survey I
- ARH 2051 3 Art History Survey II
- ART 1201C 3 Two-Dimensional Design
- ART 2203C 3 Three-Dimensional Design
- ART 1300C 3 Drawing I
- ART 2301C 3 Drawing II
- ARH 3001 may substitute for ART X300 and ART X301

Select two Intro Media courses 1000/2000 level
ART / PGY

Major Requirements (45 credits)

Prerequisite policy: Courses must be taken in prerequisite order. Electronic approval must be obtained for courses requiring prerequisites each semester. 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 department chairperson will be administratively withdrawn from that course.

- ART 2500C 3 Painting Fundamentals
Prerequisite: 1 Drawing course
- ART 2330C 3 Figure Drawing
Prerequisite: ART 1300C & ART 2301C
- ARH 4800 3 Aesthetics of Art
- ART 3504C 3 Painting Studio
Prerequisite: ART 2500C

This course must be taken twice

- ART 3332C 3 Figure Drawing II
Prerequisite: ART 3504C

This course must be taken twice

- ART 3560C 3 Figurative Painting
Prerequisite: ART 2500C & ART 3332C

This course must be taken twice

- ART 4805C 3 Painting and Drawing Research
Prerequisite: ART 3332C & ART 3504C

This course must be taken twice

- ART 4965C 3 Fine Arts Portfolio

Select three Art History (3000/4000)
ARH

Major Electives (9 credits)

Select three from: (3000/4000)
ART / PGY

Free Electives (6 credits)

Select six hours Free Electives 3000/4000

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).

Major: Fine Arts

Concentration: Photography

Degree: Bachelor of Fine Arts

Prerequisites (24 credits)

Requires grades of "C" or above.

Note: Students should continually take art history courses with other art courses to properly prepare for the major.

- ARH 2050 3 Art History Survey I
- ARH 2051 3 Art History Survey II
- ART 1201C 3 Two-Dimensional Design
- ART 2203C 3 Three-Dimensional Design
- ART 1300C 3 Drawing I
- ART 2301C 3 Drawing II
- ARH 3001 may substitute for ART X300 and ART X301

Select two Intro Media Courses 1000/2000 level
ART / PGY



Major Requirements (24 credits)

Prerequisite policy: Courses must be taken in prerequisite order. Electronic approval must be obtained for courses requiring prerequisites each semester. 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 department chairperson will be administratively withdrawn from that course.

All major requirements and major electives must be completed with grades of "C" or above.

- ART 2330C 3 Figure Drawing
Prerequisites: ART 1300C & ART 2301C
- ARH 4712 3 Photohistory 1839-1916
- ARH 4713 3 Photohistory 1916 to Present
- ARH 4801 3 Art Criticism
Prerequisites: ARH 2050, ARH 2051, & one 3000/4000 level ARH
- PGY 2401C 3 Black & White Photography
- PGY 4610 3 Photojournalism
Prerequisite: PGY 2401C
- PGY 3410C 3 Intermediate Photography
Prerequisite: PGY 2401C
- PGY 3801C 3 Digital Imaging Photo Majors
Prerequisite: PGY 2401C
- PGY 2110C 3 Color Photography
Prerequisites: PGY 2401C & PGY 3410C
- PGY 4443C 3 Photo Arts
Prerequisites: PGY 2401C, PGY 3410C & PGY 3801C
- PGY 4201C 3 Advanced Lighting Principles
Prerequisites: PGY 2401C, PGY 3410C, & PGY 2110C
- PGY 4220C 3 Advanced Photo Illustration
Prerequisites: PGY 2401C, PGY 3410C, PGY 2110C, & PGY 3801C
- PGY 4470C 3 Senior Photo Portfolio

Select one from the following:

- ARH 4800 Aesthetics of Art
- ARH 3410 Modern European Art I
- ARH 3319 Art of Michelangelo

Major Electives (12 credits)

Select four from the following:

- ARH 3XXX The Art & Archeology of Ancient Greece
- ARH 3XXX The Art & Architecture of Ancient Rome
- ARH 3302 Italian Renaissance Art
- ARH 3410 Modern European Art
- PGY 3XXXC Fashion Photography
- PGY 4XXXC Classic Black & White Portraiture
- ART 3707C Sculpture Process
- ART 3786C Ceramics
- ART XXXXC Intaglio Printmaking I

Free Electives (6 credits)

Select six hours Free Electives 3000/4000

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).

Limited Access Program Graphic Design and Digital Media

The Graphic Design and Digital Media program at the University of North Florida is designed to offer students an in depth vision into the field of Graphic Design. Classes emphasize art and design foundations including traditional and digital media, art and design history as well as the creation of portfolio work that reflect competencies in the field. The work will consist of, but will not be limited to: page design, web design, posters, packaging, corporate identification systems and time-based motion graphics. The development of problem solving skills and critical thinking is stressed in all aspects of the program. Each course emphasizes the creative process as it relates to Graphic Design and Digital Media.

To be accepted into the Graphic Design and Digital Media concentration students must be admitted into the University and successfully participate in the Limited Access Portfolio Review. All students that have taken and passed the prerequisite courses or approved equivalents are eligible to apply. Students that are currently enrolled at the University should have completed the ART 2605C Basic Computer Images class prior to reviewing. Students are encouraged to review while enrolled in GRA 2190C Introduction to Graphic Design.

Portfolio reviews will be conducted in March (approx. week 9 spring term) for students who desire to enroll for fall classes and in October (approx. week 9 fall term) for students who desire to enroll for spring classes. Inquiries may be addressed via e-mail at artstu1@unf. Allow 48 hours for a reply. No phone calls please.

Instructions for Applying:

1. Complete the Application form (available in the Art & Design office)
Graphic Design & Digital Media Limited Access
Department of Art and Design,
Bldg. 45 Office 2416
University of North Florida
1 UNF Drive
Jacksonville, FL 32224
2. To be considered for admission into the Limited Access Program in Graphic Design & Digital Media, applicants must be admitted to the University of North Florida.



- Admission into the Limited Access Program will be granted or denied after the review is completed. Students will receive official notification in the mail. The committee's decision is final.
- Before the portfolio review, the applicant should have completed all prerequisite courses listed in the appropriate catalog or program of study.
- Admission into the limited access program does not guarantee enrollment in any given class during a specific term.

Applications hand delivered to the Department of Art and Design office must be received before 4:00 p.m. on the deadline. Applications sent by mail must be post marked on or before the deadline. **DEADLINE WILL BE POSTED ON THE APPLICATION.**

The Portfolio: Submit eight visual arts pieces for the committee to consider. At least four works **MUST** be Graphic Design based (Typography and Image). No more than two of the following: Photographs, Digital Illustrations, Drawings and Paintings. All work must be on a CD as a PDF presentation or PowerPoint. Make sure the CD works on a Macintosh computer prior to the review time. You may design the presentation, but the work should be the main focus. A small amount of descriptive text should accompany each slide including; title or project name, date, and medium. Be sure image quality is satisfactory and color accurately represents the work. Only college level, or professional client work should be included for the review.

Applicants will be evaluated based on quality of work presented, overall creativity, presentation and ability to communicate in writing. Each student is required to answer three essay questions, to be handed in at the review. Questions can be found in the application packet.

The following work should be shown.

- Examples of Design Skills: Computer generated works that include Type and Image. For example, poster, stationery, logo design, brochure, advertisement, CD cover.
- Examples of Artistic Skills: No more than two in each category. For example, Photographs (no more than two) paintings/drawings (no more than two) digital illustrations (no more than two).

Please no examples or photographs of 3-D work, for example, sculpture, ceramics, packaging or 3-D modeling.

The following criteria will be used to evaluate the work.

Creativity: originality in concept and sense of imaginative thought.

Exploration: looking into various mediums and materials

Motivation: a general sense of desire to work outside of school and interest in the field of Graphic Design and Digital Media.

Overall Design and Composition: arrangement of visual elements on the page, which shows consideration for space, form, color, line and typography.

Technical Proficiency: being able to use the computer as an effective tool in the execution and presentation of design work.

Major: Fine Arts

Concentration: Graphic Design & Digital Media

Degree: Bachelor of Fine Arts

Prerequisites (24 credits)

Grades of "C" or above required in all prerequisites.

ART 1300C	3	Drawing I
ART 2301C	3	Drawing II
ART 1201C	3	Two-Dimensional Design
ART 2203C	3	Three-Dimensional Design
ARH 2050	3	Art History Survey I
ARH 2051	3	Art History Survey II
ART 2605C	3	Basic Computer Images
GRA 2190C	3	Introduction to Graphic Design

Prerequisites: ART 2605C, ART 1300C, ART 2301C, ART 1201C & ART 2203C

(Apply to Limited Access Program)

Major Requirements (42 credits)

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.

Prerequisite policy: Courses must be taken in prerequisite order. Please check the catalog course description section for prerequisites required for major courses prior to registering. If a course is a prerequisite for another, the courses may not be taken at the same time. Prerequisites are strictly enforced by the faculty and registrar.

First day attendance rule: Any student who misses the first day without advance notice to the department chairperson will be administratively withdrawn from that course.

PGY 1800C	3	Digital Photography for Design
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Prerequisite: ART 2605C

GRA 3203C	3	Prepress Production
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Prerequisite: GRA 2190C

GRA 3880C	3	Illustration
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Prerequisite: GRA 2190C

ARH 4724	3	Graphic Design History
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GRA 3183C	3	Typography Studio
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Prerequisites: GRA 2190C

GRA 3833C	3	Motion Graphics
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Prerequisites: PGY 1800C & GRA 3880C

GRA 3523C	3	Introduction to Web Design
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Prerequisites: PGY 1800C & GRA 3880C

GRA 3118C 3 Publication Design

Prerequisites: GRA 3183C & GRA 3203C

GRA 3512C 3 Corporate Identity

Prerequisites: GRA 3183C & GRA 3203C

GRA 4137C 3 Advanced Web Design

Prerequisite: GRA 3523C

GRA 4186C 3 Senior Design Studio

Prerequisites: GRA 3183C & GRA 3512C

GRA 4423 3 Business of Graphic Design

Prerequisites: Senior status & GRA 3512C

GRA 4189C 3 Graphic Design Portfolio

Prerequisites: Senior status & GRA 4186C

Select one Art History 3000/4000

ARH (ARH 4800 Aesthetics of Art recommended)

Major Electives (12 credits)

Note: Students may not take any independent study courses in any Fine Arts area without prior, written approval of the department chairperson.

Select four courses (3000/4000) from:

GRA ART ARH PGY

Free Electives (6 credits)

Select six hours Free Electives 3000/4000

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).

Minors in Fine Arts

Minor: Art History (15 credits)

A minimum of 50 percent of the courses required for any fine arts minor must be taken at UNF. A minimum of 9 credit 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.

ARH 2050 3 Art History Survey I

ARH 2051 3 Art History Survey II

Select three Art History (3000/4000)

ARH

Minor: Photography (15 credits)

A minimum of 50 percent of the courses required for any fine arts minor must be taken at UNF. A minimum of nine credit 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.

PGY 2401C 3 Black & White Photography

PGY 3410C 3 Intermediate Photography

Prerequisite: PGY 2401C

Select one from the following:

PGY 3801C Digital Imaging for Photo Majors

PGY 4610 Photojournalism

Select one from the following:

ARH 4712 Photohistory 1839-1916

ARH 4713 Photohistory 1916 to the Present

Select one from the following:

ART 1201C Two Dimensional Design

ART 2605C Basic Computer Images

PGY 4610 Photojournalism

PGY 4220C Advanced Photo Illustration

PGY 4201C Advanced Lighting Principles

PGY 3801C Digital Imaging for Photo Majors

Note: PGY 2110C is required prior to enrolling in PGY 4201C and PGY 4220C.

Minor: Studio Art (18 credits)

A minimum of 50 percent 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 nine credit hours in upper-level courses is required for all minors.

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.

ART 1300C 3 Drawing I

ART 2500C 3 Painting Fundamentals

Prerequisite: one Drawing course

ART 3504C 3 Painting Studio

Prerequisite: ART 2500C

Select two Art Electives (3000/4000)

ART PGY

Select one Art History (3000/4000)

ARH

Department of Biology

Courtney Hackney, Professor & Chair

Gregory A. Ahearn, Professor

Joseph A. Butler, Professor

Barbara A. Hetrick, Professor & Dean

Doria F. Bowers, Associate Professor

Dale Casamatta, Associate Professor

Matthew R. Gilg, Assistant Professor



John D. Hatle, Associate Professor
Michael R. Lentz, Associate Professor
Daniel C. Moon, Associate Professor
Charles R. Paulson, Associate Professor
Anthony M. Rossi, Associate Professor
Kelly J. Smith, Associate Professor
Judith D. Ochrietor, Assistant Professor
Cliff Ross, Assistant Professor
Cathy S. Paterson, Visiting Assistant Professor
Andrew Beall, Laboratory Lecturer
Charles B. Coughlin, Laboratory Lecturer
Amy H. Keagy, Visiting Laboratory Lecturer
Harriet Mathews, Laboratory Lecturer
Aileen Miller-Jenkins, Laboratory Lecturer
Jamie C. Moon, Laboratory Lecturer
Janice Swenson, Laboratory Lecturer
David Webb, Laboratory Lecturer
Justina M. Wilcox, Laboratory Lecturer
 (904) 620-2830

The Department of Biology offers a Bachelor of Science degree for majors in biology. The curriculum for the biology degree prepares students for employment, graduate studies, and other professional programs such as human and veterinary medicine, dentistry, and optometry. In conjunction with the College of Education and Human Services, the Department also offers B.A.E. and M.A.E. degrees with majors in biology or general sciences. There is also the opportunity for a combined degree program with the University of Florida College of Dentistry. Students interested in this program are encouraged to consult with the Pre Medical advisor. Students with other majors can choose a minor in biology or environmental studies.

The faculty is committed to excellence in undergraduate instruction, with the objective of producing quality baccalaureate scientists. Faculty remain current in their disciplines through active research programs in the field and laboratory. Students can obtain credit for graduation through participation in the research programs of individual faculty members. Currently students and faculty are involved in research concerning aquatic and terrestrial ecology, cell and molecular biology, physiology, and microbial studies.

All students must complete the 36 credit hours of General Education Requirements. The major in Biology includes courses under the following headings: Prerequisites (36 credits), Core Requirements (eight credits), Major Requirements (18 credits), Major Electives (12 credits), and Upper Level Free Electives (14 credits). The 36 credits of Prerequisites include successful completion of several biology, chemistry, physics and mathematics courses before the student embarks on the biology major.

Completing prerequisites also fulfills the general education requirements for natural sciences (six credits)

and mathematics (six credits). All major courses require a grade of "C" or higher. Additionally, there are free electives available that provide the opportunity for biology majors to take a course in another field, a science field, or use these credits to take Precalculus (MAC 1147) in preparation for Calculus I and II.

The following sample curriculum recommends a traditional route to completing all requirements for the biology degree within four years. With this schedule nearly all credits during the first year can be used to satisfy general education requirements, and all prerequisites for the biology major are completed within the first two years. This curriculum assures that courses such as chemistry, physics, and calculus, which are necessary for successful interpretation and completion of most upper level biology courses, are completed in an appropriate sequence. This sample curriculum is offered as a guideline, but students may achieve the same goals with a different schedule, such as opting to lower semester loads and attending summer sessions.

Sample Curriculum

Year One

Semester One

B.S.C 1010C	General Biology I	4 hours
CHM 2045C	General Chemistry I	4 hours
MAC 2311	Calculus I	4 hours

Semester Two

B.S.C 1011C	General Biology II	4 hours
CHM 2046C	General Chemistry II	4 hours
MAC 2312	Calculus II	4 hours
or		
STA 2014	Elementary Statistics	3 hours

Year Two

Semester One

B.S.C 2012C	General Biology III	4 hours
CHM 2210	Organic Chemistry I	3 hours
CHM 2210L	Organic Chemistry I Lab	1 hour
PHY 2053	College Physics I	3 hours
PHY 2053L	College Physics I Lab	1 hour
or		
PHY 2048	University Physics I	3 hours
PHY 2048L	University Physics I Lab	1 hour

Semester Two

PCB 3043C	Ecology	4 hours
CHM 2211	Organic Chemistry II	3 hours
CHM 2211L	Organic Chemistry II Lab	1 hours
PHY 2054	College Physics II	3 hours
PHY 2054L	College Physics II Lab	1 hour
or		
PHY 2049	University Physics II	3 hours
PHY 2049L	University Physics II Lab	1 hour

Year Three

Semester One

CHM 3120C	Quant. Analytical Chemistry	4 hours
PCB 3063C	Genetics	4 hours

Semester Two

PCB 3023C	Molecular and Cell Biology	4 hours
Biology Major	Elective	4 hours
Biology Major	Elective	4 hours

Year Four

Semester One

PCB 4713C	Physiology	4 hours
Free Elective - Independent Study (prep for Senior Seminar)		3 hours
Biology Major	Elective	4 hours

Semester Two

B.S.C 4931	Senior Seminar/Biology	2 hours
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Major: Biology

Degree: Bachelor of Science

Prerequisites

(31 credits)

Requires grades of "C" or above.

B.S.C 1010C 4 General Biology I
Acceptable substitutes: PCB x010, x011, x021, x131, B.S.C x040, x012

B.S.C 1011C 4 General Biology II
Acceptable substitutes: ZOO x010, BOT x010, B.S.C x041, BOT x013

CHM 2045C 4 General Chemistry I

CHM 2046C 4 General Chemistry II

Prerequisite: CHM 2045C

Organic 1 Requirement

CHM 2210 Organic Chemistry I

CHM 2210L Organic Chemistry I Lab

Acceptable substitutes: PHY 3043/3043L, 3048/3048L, 3049/3049L, or equivalent

Organic 2 Requirement

CHM 2211 Organic Chemistry II

CHM 2211L Organic Chemistry II Lab

Acceptable substitutes: PHY 3053/3053L, 3048/3048L, 3049/3049L, or equivalent

MAC 2311 4 G(M) Calculus I

Acceptable substitutes: MAC x233, x253, x281

MAC 2312 4 G(M) Calculus II

Acceptable substitutes: STA x122, x014, x023, x024, x0321, or equivalent, MAC x234, x254, x282

Core Requirements

(12 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.

B.S.C 2012C 4 General Biology III

Select one sequence from:

Any Organic I & II or Physics I & II not completed as part of the prerequisites must be taken as core courses.

PHY 2048 Calculus Physics I

PHY 2048L Calculus Physics I Lab

PHY 2049 Calculus Physics II

PHY 2049L Calculus Physics II Lab; or

PHY 2053 Algebra Physics I

PHY 2053L Algebra Physics I Lab

PHY 2054 Algebra Physics II

PHY 2054L Algebra Physics II Lab or

CHM 2210 Organic Chemistry I

CHM 2210L Organic Chemistry I Lab

CHM 2211 Organic Chemistry II

CHM 2211L Organic Chemistry II Lab

Students may take either CHM 2211 Organic

Chemistry II & CHM 2211L Organic Chemistry II lab

or CHM 3120C Quantitative Analytical Chemistry.

CHM 2210 Organic Chemistry I Lecture

CHM 2210L Organic Chemistry I Lab

CHM 3120C Quantitative Analytical Chemistry

Major Requirements

(18 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".

PCB 3043C 4 Principles of Ecology

Prerequisite: B.S.C 1011C

PCB 3063C 4 Genetics

Prerequisites: B.S.C 1010C, B.S.C 1011C, B.S.C 2012C, CHM 2045C & CHM 2046C

PCB 3023C 4 Molecular and Cell Biology

Prerequisites: B.S.C 1010C, B.S.C 1011C, B.S.C 2012C, CHM 2210 & CHM 2210L

PCB 4713C 4 Physiology

Prerequisites: PCB 3023C, PHY 2054 & PHY 2054L

B.S.C 4931 2 Senior Seminar In Biology

Prerequisite: Senior standing or permission from the department.

Note: offered in the fall and spring terms

B.S.C 4931 will involve field or lab research or library work. Taking B.S.C 4905 is recommended before selecting field or lab work.

Major Electives

(12 credits)

Major electives require a grade of "C" or higher. The following courses cannot be used as major electives:

APB 3292, BCH 3023C, B.S.C 2085C, B.S.C 2086C, B.S.C 3057, B.S.C 3090, MCB 2010C, PCB 2050, ZOO 3830.

Always check the catalog course descriptions section to confirm approved biology electives.

Select 12 hours at the 3000/4000 level

BCH BOT B.S.C MCB OCB PCB ZOO

One biology elective must have a lab to complete this requirement. No more than four hours of B.S.C 4905 may be used as a biology elective.



Free Electives (18 credits)

Electives 3000/4000 level

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).

Major: Biology
Concentration: UNF/UF Dentistry
Degree: Bachelor of Science

Minimal eligibility requirements:

1. Overall unweighted high school GPA of no less than 3.8/4.0.
2. Total SAT score of at least 1310/1600, or an ACT score of at least 29.
3. Unweighted high school science GPA of at least 3.5/4.0, with courses completed in Biology and Chemistry.
4. At least two full time semesters (excluding summer semesters) completed at the participating university, including at least two science courses, with a minimum overall GPA of 3.75/4.0 and a science GPA of no less than 3.5/4.0. Acceptable science courses include general biology, inorganic chemistry and general physics courses designed for science and pre-professional students. AP, IB and/or dual enrollment credit is not accepted for this program.
5. Demonstrated working knowledge of and commitment to a career in dentistry as evidenced by prior exposure to the profession.
6. A formal interview with members of the College of Dentistry Admissions Committee.

Prerequisites (31 credits)

Requires grades of "C" or above.

- B.S.C 1010C 4 General Biology I
 Acceptable substitutes: PCB x010, x011, x021, x131, B.S.C x040, x012
- B.S.C 1011C 4 General Biology II
 Acceptable substitutes: ZOO x010, BOT x010, B.S.C x041, BOT x013
- CHM 2045C 4 General Chemistry I
 CHM 2046C 4 General Chemistry II
Prerequisite: CHM 2045C

Organic 1 Requirement

- CHM 2210 Organic Chemistry I
 CHM 2210L Organic Chemistry I Lab
 Acceptable substitutes: PHY 3043/3043L, 3048/3048L, 3049/3049L, or equivalent

Organic 2 Requirement

- CHM 2211 Organic Chemistry II
 CHM 2211L Organic Chemistry II Lab
 Acceptable substitutes: PHY 3053/3053L, 3048/3048L, 3049/3049L, or equivalent

- MAC 2311 4 G(M) Calculus I
 Acceptable substitutes: MAC x233, x253, x281
- MAC 2312 4 G(M) Calculus II
 Acceptable substitutes: STA x122, x014, x023, x024, x0321, or equivalent, MAC x234, x254, x282

Core Requirements (12 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.

B.S.C 2012C 4 General Biology III

Select one sequence from:

Any Organic I & II or Physics I & II not completed as part of the prerequisites must be taken as core courses.

- PHY 2048 Calculus Physics I
 PHY 2048L Calculus Physics I Lab
 PHY 2049 Calculus Physics II
 PHY 2049L Calculus Physics II Lab; or
 PHY 2053 Algebra Physics I
 PHY 2053L Algebra Physics I Lab
 PHY 2054 Algebra Physics II
 PHY 2054L Algebra Physics II Lab; or
 CHM 2210 Organic Chemistry I
 CHM 2210L Organic Chemistry I Lab
 CHM 2211 Organic Chemistry II
 CHM 2211L Organic Chemistry II Lab

Students may take either CHM 2211 Organic Chemistry II & CHM 2211L Organic Chemistry II lab or CHM 3120C Quantitative Analytical Chemistry.

- CHM 2210 Organic Chemistry I Lecture
 CHM 2210L Organic Chemistry I Lab
 CHM 3120C Quantitative Analytical Chemistry

Major Requirements (14 credits)

Important: Pre-dentistry students must earn a minimum of 30 upper level hours at UNF to satisfy the residency requirement (based on the pre-approved UF/UNF pre-dentistry agreement).

- PCB 3063C 4 Genetics
 PCB 3043C 4 Principles of Ecology
 PCB 3023C 4 Molecular & Cell Biology
 B.S.C 4931 2 Senior Seminar In Biology

Offered fall and spring only. Students must complete B.S.C 4931 before transferring to UF. B.S.C 4931 will involve either field research, laboratory research or library work. B.S.C 4905 must be taken in advance if field or laboratory research is selected.

Major Electives (12 credits)

Major electives require a grade of "C" or higher.

The following courses cannot be used as major electives:

- APB 3292, BCH 3023C, B.S.C 2085C, B.S.C 2086C, B.S.C 3057, B.S.C 3090, MCB 2010C, PCB 2050, ZOO 3830.

Always check the catalog course descriptions section to confirm approved biology electives.



Select 12 hours at the 3000/4000 level

BCH BOT B.S.C MCB OCB PCB ZOO

One biology elective must have a lab to complete this requirement. No more than four hours of B.S.C 4905 may be used as a biology elective.

Major Electives (16 credits)

All major requirements, major electives, and contextuales require "C" grades. However, higher grades are needed to qualify for the UF College of Dentistry.

BCH 4033 3 Biochemistry
BCH 4033L 1 Biochemistry Lab
CHM 3120C 4 Quantitative Analytical Chemistry
MCB 3020C 4 Microbial Biology

Select one from the following:

MCB 4503C Virology
ZOO 4753C Histology

Free Electives (18 credits)

Electives 3000/4000 LEVEL

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).

Biology Minors

Minor: Biology (15 credits)

All courses required for the minor may be transferred with prior approval of the department chairperson. A cumulative GPA of 2.5 is required.

All 15 credit hours must be upper-level course work.

Select 15 hours (3000/4000) from:

BCH BOT BSC MCB OCB OCE PCB ZOO

Minor: Environmental Studies (18 credits)

Students may not duplicate courses to use in both the major and the minor. Only two transfer courses will apply towards minor requirements.

A grade of "C" or better is required in all minor courses. Students will be required to complete all prerequisites needed for individual minor courses.

BSC 3057 3 Intro To Environmental Studies
PHI 3640 3 Environmental Ethics

Select two from the following:

PHM 2030 Ecological Philosophy
GEO 3372 Conservation of Natural Resources
GIS 3043 Intro to Geographical Info. Systems
HIS 3403 Urban Environmental History
INR 3016 Global Issues in Contemporary Politics
PUP 4506 Evolution, Society, & Politics (consent of instructor required)

Science Majors select two from:

BOT 2010C Botany
BOT 3712C Plant Systematics

BSC 1011C General Biology II
BSC 3052 Conservation Biology
BSC 3053 Health Effects of Environmental Pollutants
BSC 3263 Marine Biology
BSC 4054 Environmental Toxicology
CHS 4610/4610L Environmental Chemistry
PCB 3043C Ecology
PCB 4301C Limnology
ZOO 4823C General Entomology
Non-Science majors take two from:
BSC 1005C Principles of Biology
BSC 1930 Current Applications in Biology

Minor: Chemistry Minor for Biology Majors

All courses for the minor may be transferred with prior approval of the department chairperson. A grade of "C" or better is required in each course. Select a minimum of 15 hours:

BCH 4033 Biochemistry
BCH 4033L Biochemistry Lab
CHM 3610C Inorganic Chemistry
CHM 4130C Modern Analytical Chemistry
CHM 4260C Advanced Organic Chemistry
CHM 4410C Physical Chemistry I
CHM 4411C Physical Chemistry II
CHM 4910 Chemical Research
CHM 4930 Special Topics: Chemistry
CHS 4445 Environmental Chemistry
CHS 4445L Environmental Chemistry Lab

Department of Chemistry and Physics

James L. Garner, Professor & Chair

Chemistry

Stuart Chalk, Associate Professor
Robert A. Vergenz, Associate Professor
Michael Lufaso, Assistant Professor
Jyotsna Pradhan, Assistant Professor
Philip Davis, Visiting Professor
David Nyquist, Senior Laboratory Lecturer
John Pechonick, Senior Laboratory Lecturer
Melissa Bush, Laboratory Lecturer
Matthew Davies, Laboratory Lecturer
William Romanchick, Laboratory Lecturer
Robert Stern, Laboratory Lecturer
Frederick Troendle, Laboratory Lecturer

Physics

Thomas M. Pekarek, Professor
Lev Gasparov, Associate Professor
Dennis L. Gay, Associate Professor
Hong Chen, Assistant Professor



Jane MacGibbon, Assistant Professor
Gregory Wurtz, Assistant Professor
Jay S. Huebner, Visiting Research Professor
John Anderson, Senior Lecturer
L. Barringer Albright, Laboratory Lecturer
Rachel Cruz, Laboratory Lecturer
Nirmal Patel, Laboratory Lecturer
Toazmin Siddiqui, Laboratory Lecturer
 (904) 620-2729

The Department of Chemistry and Physics offers Bachelor of Science degrees in chemistry and in physics with concentrations in traditional physics, civil engineering, electrical engineering, mechanical engineering, and computing emphasis. Minors are also offered in chemistry and physics. In conjunction with the College of Education and Human Services, B.A.E. and M.A.E. degrees with majors in chemistry, general sciences and physics are offered.

The importance of chemistry and physics in the economic and intellectual life of the 21st century is obvious to thoughtful individuals. The increased use of complex technologies in agriculture, defense, health care, manufacturing and other industries indicates that the value of understanding science will continue to increase for individuals and society. The department faculty is committed to excellence in undergraduate instruction, and has the objective of producing competent baccalaureate scientists, while engaging in active and productive research on topics of current interest.

Students in the chemistry and physics programs often participate in the research of our faculty. Currently, chemistry students can engage in research on chemical and enzyme catalysis, NMR studies of drugs and related molecules, isotope effects, theoretical physical chemistry, flow injection analysis, solid state inorganic chemistry and chemical sensor development. Physics students can participate in research on the experimental and theoretical properties of magnetic semiconductors and high Tc superconductors, optical studies of correlated electron systems, theoretical astrophysics, experimental and computational nuclear physics, and experimental membrane, interface, and sensor physics. By a judicious choice of courses, students in research programs can obtain credit toward graduation. Many students receive financial support from faculty grants for their research activities.

Major: Chemistry
Degree: Bachelor of Science

Prerequisites (24 credits)

Required grades of "C" or above
 CHM 2045C 4 General Chemistry I
 Acceptable substitutes: (CHM X040 and CHM X041 or CHM 045E)
 CHM 2046C 4 General Chemistry II

Acceptable substitutes: CHM 046E
 MAC 2311 4 G(M) Calculus I
 Acceptable substitutes: MAC X281
 MAC 2312 4 G(M) Calculus II
 Acceptable substitutes: MAC X282

Select one Sequence
 Chemistry majors should take the PHY 2048/2048L and PHY 2049/2049L sequence rather than the PHY 2053/2053L and PHY 2054/2054L sequence to be properly prepared for chemistry requirements needed in the major.

CHM 2210 Organic Chemistry I Lecture
 CHM 2210L Organic Chemistry I Lab
 CHM 2211 Organic Chemistry II Lecture
 CHM 2211L Organic Chemistry II Lab; or preferred by department
 PHY 2048 Calculus Physics I
 PHY 2048L Calculus Physics I Lab
 PHY 2049 Calculus Physics II
 PHY 2049L Calculus Physics II Lab; or
 PHY 2053 Algebra Physics I
 PHY 2053L Algebra Physics I Lab
 PHY 2054 Algebra Physics II
 PHY 2054L Algebra Physics II Lab

Core Requirements (8 credits)

If you took physics as a prerequisite, then you must take organic chemistry as your core. If you took organic chemistry as a prerequisite, then you must take physics as your core.

Select one Sequence
 Chemistry majors should take the PHY 2048/2048L and PHY 2049/2049L sequence rather than the PHY 2053/2053L and PHY 2054/2054L sequence to be properly prepared for chemistry requirements needed in the major.

CHM 2210 Organic Chemistry I Lecture
 CHM 2210L Organic Chemistry I Lab
 CHM 2211 Organic Chemistry II Lecture
 CHM 2211L Organic Chemistry II Lab; or preferred by department
 PHY 2048 Calculus Physics I
 PHY 2048L Calculus Physics I Lab
 PHY 2049 Calculus Physics II
 PHY 2049L Calculus Physics II Lab; or
 PHY 2053 Algebra Physics I
 PHY 2053L Algebra Physics I Lab
 PHY 2054 Algebra Physics II
 PHY 2054L Algebra Physics II Lab

Contextual Courses (7 credits)

B.S.C 1010C 4 General Biology I
 MAP 2302 3 G(M) Ordinary Differ Equations
Prerequisites: MAC 2311 & MAC 2312

Major Requirements (25 credits)

Grades of "C" or higher required in all major requirements



CHM 3120C 4 Quantitative Analytical Chemis
Prerequisites: CHM 2045C & CHM 2046C
 BCH 4033 3 Biochemistry
Prerequisites: CHM 2211, CHM 2211L & CHM 3120C
 CHM 4410C 4 Physical Chemistry I
Prerequisites: CHM 2045C, CHM 2046C, PHY 2054, PHY 2054L or PHY 2049, PHY 2049L & MAC 2312
 CHM 4411C 4 Physical Chemistry II
Prerequisite: CHM 4410C
 CHM 3610C 4 Inorganic Chemistry
Prerequisite: CHM 4410C
Coreq: CHM 2211 & CHM 2211L
 CHM 4130C 5 Modern Analytical Chemistry
Prerequisites: CHM 3120C & CHM 4410C
 CHM 4931 1 Senior Seminar in Chemistry
 offered spring semester only

Major Electives (11 credits)

Grades of "C" or above must be earned in all major courses. No more than four hours of CHM 4910 may be used towards the major electives. CHM 4473 or PHY 4604 recommended for students preparing for graduate school in chemistry.

Select 11 hours from the following:

CHM 4260C Advanced Organic Chemistry
 BCH 4033L Biochemistry Lab
 CHS 4610 Environmental Chemistry
 CHS 4610L Environmental Chemistry Lab
 CHM 4910 Chemical Research
 CHM 4930 Special Topic: Chemistry
 CHM 4930 Polymer Chemistry
 PHY 3101 Modern Physics
 PHY 3101L Modern Physics Lab
 PHY 3722C Electronics For Scientists
 CHM 4473 Intro Quantum Chemistry
 PHY 4604 Quantum Mechanics

Free Electives (9 credits)

MAC 2313, MAS 3105 and PHI 4400 recommended as free electives.

Select nine hours (3000/4000)

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).

Major: Physics

Degree: Bachelor of Science

Prerequisites (30 credits)

CHM 2045C 4 General Chemistry I
 Acceptable substitutes: (CHM X040 and CHM X041 or CHM X045E)

CHM 2046C 4 General Chemistry II
 Acceptable substitutes: CHM X046E
 MAC 2311 4 G(M) Calculus I
 Acceptable substitutes: MAC X281
Prerequisite: MAC 1147
 MAC 2312 4 G(M) Calculus II
 Acceptable substitutes: MAC X282
Prerequisite: MAC 2311
 MAC 2313 4 G(M) Calculus III
 Acceptable substitutes: MAC X283
Prerequisite: MAC 2312
 Physics Requirement:
 PHY 2048 Calculus Physics I
 PHY 2048L Calculus Physics I Lab
 PHY 2049 Calculus Physics II
 PHY 2049L Calculus Physics II Lab

Major Requirements (34 credits)

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.

PHY 3101 3 Modern Physics
Prerequisite: PHY 2049; Coreq: MAC 2313
 PHY 3101L 1 Modern Physics Lab
Corequisites: PHY 3101
 PHZ 3113 3 Mathematical Physics
Prerequisite: PHY 2049 & MAC 2313
 PHY 3220 4 Classical Mechanics
Prerequisites: PHY 2049 & MAC 2313; Corequisites: MAC 2302
 PHY 3320 4 Electricity & Magnetism
Prerequisites: PHY 2049 & MAC 2313
 PHY 3424 3 Optics
Prerequisites: PHY 2049 & MAC 2313
 PHY 3722C 4 Electronics for Scientists
Prerequisites: PHY 2049 & MAC 2313
 PHY 4604 4 Quantum Mechanics
Prerequisites: PHY 3101, MAC 2313 & MAP 2302
 PHY 4523 3 Thermodyn & Statistical Mech
Prerequisites: PHY 3101, MAC 2313 & MAP 2302
 PHY 4802L 2 Advanced Physics Laboratory
Prerequisite: PHY 3101
 PHY 4910 3 Physics Research & Seminar
Prerequisite: PHY 3101

Major Electives (3 credits)

Select one from the following:

PHZ 3404 Solid State Physics
 PHZ 4160 Adv Topics Physics
 PHZ 4303 Nuclear Physics

Contextual Courses (6 credits)

COP 2220 3 Computer Science I
 MAP2302 3 G(M) Ordinary Differ Equations
Prerequisite: MAC 2312



Free Electives (17 credits)

Select 17 hours (3000/4000 level)

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).

Major: Physics
Concentration: Civil Engineering
Degree: Bachelor of Science
Prerequisites (30 credits)

CHM 2045C 4 General Chemistry I
 Acceptable substitutes: (CHM X040 and CHM X041) or CHM X045E

CHM 2046C 4 General Chemistry II
 Acceptable substitutes: CHM X046E

MAC 2311 4 G(M) Calculus I
 Acceptable substitutes: MAC X281
Prerequisite: MAC 1147

MAC 2312 4 G(M) Calculus II
 Acceptable substitutes: MAC X282
Prerequisite: MAC 2311

MAC 2313 4 G(M) Calculus III
 Acceptable substitutes: MAC X283
Prerequisite: MAC 2312

Physics Requirement:

PHY 2048 Calculus Physics I
 PHY 2048L Calculus Physics I Lab
 PHY 2049 Calculus Physics II
 PHY 2049L Calculus Physics II Lab

Requisites (3 credits)

MAP 2302 3 G(M) Ordinary Differ Equations

Major Requirements (40 credits)

Grades of "C" or higher required in all physics and engineering courses.

PHY 3101 3 Modern Physics
Prerequisite: PHY 2049; Coreq: MAC 2313

PHY 3101L 1 Modern Physics Lab
Corequisite: PHY 3101

PHZ 3113 3 Mathematical Physics
Prerequisite: PHY 2049 & MAC 2313

PHY 3220 4 Classical Mechanics
Prerequisites: PHY 2049 & MAC 2313;
Corequisite: MAC 2302

PHY 3320 4 Electricity & Magnetism
Prerequisites: PHY 2049 & MAC 2313

PHY 3722C 4 Electronics for Scientists
Prerequisites: PHY 2049 & MAC 2313

PHY 4523 3 Thermodyn & Statistical Mech
Prerequisites: PHY 2049, MAC 2313 & MAP 2302

PHY 4802L 2 Advanced Physics Laboratory
Prerequisite: PHY 3101

EGN 3311 3 Statics

EGN 3202 3 Computer Aided Engineering

CES 3104C 3 Mechanics of Materials

CWR 3201 3 Fluid Mechanics

Major Electives (17 credits)

Grades of "C" or above required in all engineering courses.

Select 17 hours (3000/4000)

CGN

Major: Physics
Concentration: Computing Emphasis
Degree: Bachelor of Science
Prerequisites (30 credits)

CHM 2045C 4 General Chemistry I
 Acceptable substitutes: (CHM X040 and CHM X041) or CHM X045E

CHM 2046C 4 General Chemistry II
 Acceptable substitutes: CHM X046E

MAC 2311 4 G(M) Calculus I
 Acceptable substitutes: MAC X281
Prerequisite: MAC 1147

MAC 2312 4 G(M) Calculus II
 Acceptable substitutes: MAC X282
Prerequisite: MAC 2311

MAC 2313 4 G(M) Calculus III
 Acceptable substitutes: MAC X283
Prerequisite: MAC 2312

Physics Requirement:

PHY 2048 Calculus Physics I

PHY 2048L Calculus Physics I Lab

PHY 2049 Calculus Physics II

PHY 2049L Calculus Physics II Lab

Major Requirements (39 credits)

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.

PHY 3101 3 Modern Physics
Prerequisite: PHY 2049; Coreq: MAC 2313

PHY 3101L 1 Modern Physics Lab
Corequisites: PHY 3101

PHZ 3113 3 Mathematical Physics
Prerequisite: PHY 2049 & MAC 2313

PHY 3220 4 Classical Mechanics
Prerequisites: PHY 2049 & MAC 2313;
Corequisites: MAC 2302

PHY 3320 4 Electricity & Magnetism
Prerequisites: PHY 2049 & MAC 2313

PHY 3424 3 Optics
Prerequisites: PHY 2049 & MAC 2313

PHY 3722C 4 Electronics for Scientists
Prerequisites: PHY 2049 & MAC 2313

PHY 4604 4 Quantum Mechanics
Prerequisites: PHY 3101, MAC 2313 & MAP 2302

PHY 4802L 2 Advanced Physics Laboratory
Prerequisite: PHY 3101

- COT 3100 3 Computational Structures
 COP 3530 4 Data Structures
 Select one from the following:
 COP 3601 Introduction to System Software
 CDA 3101 Introduction to Computer Hardware

Contextual Courses (6 credits)

- COP 2220 3 Computer Science I
 MAP 2302 3 G(M) Ordinary Differ Equations
Prerequisite: MAC 2312

Major Electives (15 credits)

Grades of "C" or higher required in all computer science requirements and computer science electives.
 Select 15 hours (3000/4000)
 COT COP CDA

Major: Physics

Concentration: Electrical Engineering

Degree: Bachelor of Science

Prerequisites (30 credits)

- CHM 2045C 4 General Chemistry I
 Acceptable substitutes: (CHM X040 and CHM X041) or CHM X045E
 CHM 2046C 4 General Chemistry II
 Acceptable substitutes: CHM X046E
 MAC 2311 4 G(M) Calculus I
 Acceptable substitutes: MAC X281
Prerequisite: MAC 1147
 MAC 2312 4 G(M) Calculus II
 Acceptable substitutes: MAC X282
Prerequisite: MAC 2311
 MAC 2313 4 G(M) Calculus III
 Acceptable substitutes: MAC X283
Prerequisite: MAC 2312

Physics Requirement:

- PHY 2048 Calculus Physics I
 PHY 2048L Calculus Physics I Lab
 PHY 2049 Calculus Physics II
 PHY 2049L Calculus Physics II Lab

Major Requirements (47 credits)

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.

- PHY 3101 3 Modern Physics
Prerequisite: PHY 2049; Corequisites: MAC 2313
 PHY 3101L 1 Modern Physics Lab
Corequisites: PHY 3101
 PHZ 3113 3 Mathematical Physics
Prerequisite: PHY 2049 & MAC 2313
 PHY 3220 4 Classical Mechanics
Prerequisites: PHY 2049 & MAC 2313; Corequisites: MAC 2302
 PHY 3320 4 Electricity And Magnetism
Prerequisites: PHY 2049 & MAC 2313

- PHY 3424 3 Optics
Prerequisites: PHY 2049 & MAC 2313

- PHY 4604 4 Quantum Mechanics
Prerequisites: PHY 3101, MAC 2313 & MAP 2302

- PHY 4802L 2 Advanced Physics Laboratory
Prerequisite: PHY 3101

- PHZ 3404 3 Solid State Physics
 EEL 3111 3 Circuit Analysis I
 EEL 3112 3 Circuit Analysis II
 EEL 3304 3 Electronic Circuits I
 EEL 3303L 1 Electrical Circuits Laboratory
 EEL 4744C 4 Microcontroller Applications

Select one from the following:

- CDA 3101 Introduction to Computer Hardware
 EEL 3701C Introduction to Digital Systems

Select one from the following:

- EEL 3135 Signals & Systems
 EEL 4309C Electronic Circuits II

Contextual Courses (6 credits)

- COP 2220 3 Computer Science I
 MAP 2302 3 G(M) Ordinary Differ Equations
Prerequisite: MAC 2312

Major Electives (7 credits)

Grades of "C" or higher required in all engineering electives.
 Select seven hours @ 3000/4000 level
 EEL

Major: Physics

Concentration: Mechanical Engineering

Degree: Bachelor of Science

Prerequisites (30 credits)

- CHM 2045C 4 General Chemistry I
 Acceptable substitutes: (CHM X040 and CHM X041) or CHM X045E
 CHM 2046C 4 General Chemistry II
 Acceptable substitutes: CHM X046E
 MAC 2311 4 G(M) Calculus I
 Acceptable substitutes: MAC X281
Prerequisite: MAC 1147
 MAC 2312 4 G(M) Calculus II
 Acceptable substitutes: MAC X282
Prerequisite: MAC 2311
 MAC 2313 4 G(M) Calculus III
 Acceptable substitutes: MAC X283
Prerequisite: MAC 2312

Physics Requirement:

- PHY 2048 Calculus Physics I
 PHY 2048L Calculus Physics I Lab
 PHY 2049 Calculus Physics II
 PHY 2049L Calculus Physics II Lab

Requisites (3 credits)

- MAP 2302 3 G(M) Ordinary Differ Equations



Major Requirements (45 credits)

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.

PHY 3101 3 Modern Physics
Prerequisite: PHY 2049; Corequisites: MAC 2313

PHY 3101L 1 Modern Physics Lab
Corequisites: PHY 3101

PHZ 3113 3 Mathematical Physics
Prerequisite: PHY 2049 & MAC 2313

PHY 3220 4 Classical Mechanics
Prerequisites: PHY 2049 & MAC 2313;
Corequisites: MAC 2302

PHY 3320 4 Electricity & Magnetism
Prerequisites: PHY 2049 & MAC 2313

PHY 3424 3 Optics
Prerequisites: PHY 2049 & MAC 2313

PHY 3722C 4 Electronics for Scientists
Prerequisites: PHY 2049 & MAC 2313

PHY 4523 3 Thermodyn & Statistical Mech.
Prerequisites: PHY 2049, MAC 2313 & MAP 2302

PHY 4802L 2 Advanced Physics Laboratory
Prerequisite: PHY 3101

EGN 3311 3 Statics

EGN 3331 3 Strength Of Materials

EML 3100 3 Thermodynamics I

EGN 3203 3 Modern Computational Methods

EML 3015 3 Fluids I

EML 4140 3 Heat Transfer

Major Electives (9 credits)

Grades of "C" or higher are required in all engineering electives. Select nine hours @ 3000/4000 level

EGN EML

Chemistry and Physics Minors

Minor: Chemistry (20 credits)

All courses required for the minor may be transferred with prior approval of the department chairperson. A cumulative GPA of 2.5 is required.

CHM 2045C 4 General Chemistry I

CHM 2046C 4 General Chemistry II

CHM 3120C 4 Quantitative Analytical Chemis

Organic 1 Requirement

CHM 2210 Organic Chemistry I

CHM 2210L Organic Chemistry I Lab

Select four hours from the following:

CHM 2211 Organic Chemistry II

CHM 2211L Organic Chemistry II Lab

CHM 3610C Inorganic Chemistry

BCH 4033 Biochemistry

BCH 4033L Biochemistry Lab

Minor: Chemistry Minor for Biology Majors

All courses for the minor may be transferred with prior approval of the department chairperson.

A grade of "C" or better is required in each course.

Select a minimum of 15 hours

BCH 4033 Biochemistry

BCH 4033L Biochemistry Lab

CHM 3610C Inorganic Chemistry

CHM 4130C Modern Analytical Chemistry

CHM 4260C Advanced Organic Chemistry

CHM 4410C Physical Chemistry I

CHM 4411C Physical Chemistry II

CHM 4910 Chemical Research

CHM 4930 ST: Chemistry

CHS 4445 Environmental Chemistry

CHS 4445L Environmental Chemistry Lab

Minor: Physics (20 credits)

All courses required for the minor may be transferred with prior approval of the department chair. A cumulative GPA of 2.5 is required.

PHY 2048 4 Calculus-Based Physics I

PHY 2048L 1 Calculus-Based Physics I Lab

PHY 2049 4 Calculus-Based Physics II

PHY 2049L 1 Calculus-Based Physics II Lab

PHY 3101 3 Modern Physics

PHY 3101L 1 Modern Physics Lab

Select two from the following:

PHZ 3113 Mathematical Physics

PHY 3220 Classical Mechanics

PHY 3320 Electricity & Magnetism

PHY 3424 Optics

PHY 3722C Electronics for Scientists

PHY 4604 Quantum Mechanics

PHY 4523 Thermodynamics & Statistical Mechanics

PHZ 3404 Solid State Physics

PHZ 4304 Nuclear Physics

Department of Communication

David H. Goff, Professor & Chair

Robert H. Bohle, Professor

Berrin Beasley, Associate Professor

Joe M. Lesem, Associate Professor

John Parmelee, Associate Professor

Brian Thornton, Associate Professor

Carolynn McMahan, Assistant Professor

Siho Nam, Assistant Professor

Stephynie Perkins, Assistant Professor

Judith J. Sayre, Assistant Professor

Krista Albrecht, Instructor

Bobbi Reid Doggett, Instructor

Christine K. Holland, Instructor

Paula Horvath-Neimeyer, Instructor

Dee Colvin, Visiting Instructor

Jozsef Szeremi, Engineer

(904) 620-2651

The Department of Communication's mission is to create and disseminate knowledge about human and mass-mediated communication processes through high-quality

teaching, research, and service to the community. Our ambition is to develop leaders as well as to be leaders in public, professional and academic communities.

To this end, the department strives to:

- **create excellent programs and course** in a wide range of communication styles, techniques, and technologies, including transformational learning opportunities and innovative pedagogy necessary for an educated and responsible global, multicultural citizenry.
- **focus resources on advancing teaching, scholarship, service and outreach** designed to foster a lively environment of intellectual exchange and growth.
- **develop programs having immediate and lifelong** relevance to the intellectual, economic, social, ethical, and cultural needs of the profession, students, and discipline.
- **continue to gather and reflect on information** intended to further programmatic and instructional development.
- **develop stronger ties to regional communication professionals** and to articulate our sense of departmental identity to faculty, students, alumni, and the larger community.
- **develop courses that enhance students' awareness and appreciation of diversity and cross-cultural issues**, such as the relationship between culture and the mass media, the practice of international communication, and globalization.

The department provides instruction in a range of communication platforms from the Internet to wireless communication to converged technologies. Remaining current in these areas requires constant program assessment, revision of existing courses, and development of new courses to meet ever-changing demands. The communication faculty offers applied and theoretical studies to the practice of mass-mediated and interpersonal communication.

Communication students will be able to demonstrate the following competencies by graduation:

- **Disciplinary Content Knowledge - Students will be able to:**
Demonstrate the ability to find, evaluate, and compile information.
Conduct research effectively using appropriate methods.
Apply basic numerical and statistical concepts as appropriate and evaluate the use of such concepts by others.
- **Critical Thinking - Students will be able to:**
Demonstrate an ability to interpret and evaluate information.
Use logic to solve problems and arrive at solutions.
Work independently without relying solely upon others for guidance.

- **Communication - Students will be able to:**
Demonstrate use of standard English.
Use correct grammar, spelling, punctuation, and style consistently.
Write with flair and originality.
Discern the quality of own and others' work for accuracy, fairness, clarity, appropriate grammar, punctuation, and style.
Competently communicate orally with appropriate style.
Evaluate, summarize, synthesize, and critique written material.
- **Ethics and Values - Students will be able to:**
Apply laws, regulations, and ethics in communication practice.
Display an awareness of the issues and perspectives that exist within different cultures.
Use sources and information from diverse constituents.
Demonstrate an appreciation for the diversity of groups in a global society in relation to communication.
Demonstrate evidence of professional, attitudinal, and skills development.

Bachelor of Science in Communication

The department offers a Bachelor of Science in Communication major, with tracks in advertising, electronic media, journalism, and public relations. This career-oriented major requires students to complete 39 hours of course work in communication courses, as set forth on the following pages.

MMC 1004 Media Literacy is strongly recommended for the student intending to major in Communication; this course can be taken in the freshman or sophomore years before becoming a major as a junior. SPC 2060 Fundamentals of Speech is a requirement for all four tracks in the major and so should be taken in the first or second year.

Prerequisite courses for courses in the major need to be taken in the freshman or sophomore years; a limited number of major requirement and major elective courses may be taken in the second semester of the sophomore year.

General Polices: Apply to all concentrations within the Communication major

- All Communication students must be able to type.
- All courses in the Communication major must be passed with a grade of "C" or better.
- **Prerequisites:** it is the student's responsibility to be aware of all course prerequisites. Courses must be taken in prerequisite order and passed with a grade of "C" or better in order for the prerequisite requirement to be met.
- **First Day Attendance Rule:** Any student who misses the first day of class without advance notice to the department office will, at the discretion of the instructor, be administratively removed from the



missed class. It remains the student's responsibility to determine his or her enrollment status in any class missed on the first day.

- Students may take MMC 3105 no more than two times due to the high demand for this course.

MMC 4975 Senior Project Policies:

- **Internship:** The communication faculty believes that all communication majors need to engage in a professional internship that provides a significant, realistic component to the student's education.
- Academic credit for this course is limited to one three-hour course.
- Ordinarily students do not intern at their place of employment.
- Students must have completed 3 of the courses listed under Track Requirements before enrolling in Senior Project.
- **Research Paper or Project Option:** The communication faculty recognizes that exceptional circumstances may prevent a student from participating in a professional internship. Exceptions to the internship will be extremely rare and granted only after the student has submitted a request and justification in writing to the Communication Office where forms are available for this purpose.
 - **Option 1:** A substantial research paper.
 - **Option 2:** A major project in the student's field, which allows the faculty to fully evaluate the student's skills.
- **Department Office Contact:** Students who plan to enroll in Senior Project need to come to the Communication Office three or more weeks before registration to receive the proper paperwork and information.

Major: Communication Concentration: Advertising Degree: Bachelor of Science

Requisites (3 credits)

Students intending to major in the advertising, electronic media, journalism or public relations track must take the listed course.

SPC 2600 3 Public Speaking

Prerequisites (18 credits)

18 hours of coursework outside the major and beyond the 36 hours of general education requirements.

Select 18 hours outside major

Major Requirements (18 credits)

Grades of "C" or higher are required for all major courses.

MMC 3105 3 Advanced Writing for the Media
MMC 3200 3 Law & Ethics of Communications
MMC 3614 3 Media Theories and Effects
MMC 4420 3 Mass Communications Research
MMC 4975 3 Senior Project

Prerequisites: MMC 3205, MMC 3614, & MMC 3105

STA 2014 3 G(M) Elem Statistics-Health/SS

Major Electives (18 credits)

ADV 3008 3 Principles of Advertising

ADV 3101 3 Advertising Copywriting

Prerequisites: ADV 3008 & MMC 3105

ADV 3200C 3 Advertising Design

Prerequisites: ADV 3008 & ADV 3101

ADV 3300 3 Media Planning

Prerequisites: ADV 3008 & MMC 3105

ADV 4800 3 Advertising Campaigns

Prerequisites: ADV 3008, ADV 3101, & MMC 3105

Select one from the following:

PGY 2401C Photography, Black and White

PGY 4610 Photojournalism

JOU 3302 Writing Editorials & Columns

JOU 4117 Seminar in Reporting Techniques

JOU 4202 Advanced Newspaper Editing

MMC 3402 Political Advertising

MMC 4251 Creating Health Messages for Mass Media

MAN 3025 Administrative Management

MAR 3023 Principles of Marketing

MAR 4323 Advertising Management

Free Electives (24 credits)

Take 24 hours @ 3000/4000 level

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).

Major: Communication Concentration: Electronic Media Degree: Bachelor of Science

Requisites (3 credits)

Students intending to major in the advertising, electronic media, journalism or public relations track must take the listed course.

SPC 2600 3 Public Speaking

Prerequisites (18 credits)

18 hours of coursework outside the major and beyond the 36 hours of general education requirements.

Select 18 hours outside major

Major Requirements (18 credits)

Grades of "C" or higher are required for all major courses.

MMC 3105 3 Advanced Writing for the Media

MMC 3200 3 Law & Ethics of Communications

MMC 3614 3 Media Theories & Effects

MMC 4420 3 Mass Communications Research

MMC 4975 3 Senior Project

Prerequisites: MMC 3205, MMC 3614, & MMC 3105

STA 2014 3 G(M) Elem Statistics-Health/SS

Major Electives (18 credits)

- RTV 3000 3 Principles of Broadcasting
 RTV 3101 3 Advanced Broadcast Writing
Prerequisites: RTV 3000, MMC 3105, & MMC 3614
 RTV 3220C 3 TV Production/Visual Arts TV
Prerequisites: RTV 3000 & MMC 3105
 RTV 3301 3 Producing TV News
Prerequisite: RTV 3000
 RTV 3800 3 Broadcast Management
Prerequisites: RTV 3000 & MMC 3105
 RTV 4221C 3 Advanced Television Production
Prerequisite: RTV 3220C

Free Electives (24 credits)

Take 24 hours @ 3000/4000 level

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).

Major: Communication
Concentration: Journalism
Degree: Bachelor of Science

Requisites (3 credits)

Students intending to major in the advertising, electronic media, journalism or public relations track must take the listed course.

- SPC 2600 3 Public Speaking

Prerequisites (18 credits)

18 hours of coursework outside the major and beyond the 36 hours of general education requirements.

Select 18 hours outside major

Major Requirements (18 credits)

Grades of "C" or higher are required for all major courses.

- MMC 3105 3 Advanced Writing for the Media
 MMC 3200 3 Law & Ethics of Communications
 MMC 3614 3 Media Theories & Effects
 MMC 4420 3 Mass Communications Research
 MMC 4975 3 Senior Project
Prerequisites: MMC 3205, MMC 3614, & MMC 3105
 STA 2014 3 G(M) Elem Statistics-Health/SS

Major Electives (18 credits)

- JOU 3204 3 Principles of Journalism
 JOU 3101 3 Advanced Reporting
Prerequisite: MMC 3105
 JOU 3308 3 Magazine Feature Writing
Prerequisites: MMC 3105 & JOU 3101
 JOU 3925 3 Applied Journalism (Print)
Prerequisites: MMC 3105 & JOU 3101
 This course is offered fall only.
 JOU 4202 3 Advanced Newspaper Editing

Prerequisites: MMC 3105, MMC 3614, & JOU 3101

- JOU 4412 3 Advanced Newspaper Design
Prerequisites: MMC 3105, MMC 3614, JOU 3204, JOU 3101 & JOU 4202

Free Electives (24 credits)

Take 24 hours @ 3000/4000 level

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).

Major: Communication
Concentration: Public Relations
Degree: Bachelor of Science

Requisites (3 credits)

Students intending to major in the advertising, electronic media, journalism or public relations track must take the listed course.

- SPC 2600 3 Public Speaking

Prerequisites (18 credits)

18 hours of coursework outside the major and beyond the 36 hours of general education requirements.

Select 18 hours outside major

Major Requirements (18 credits)

Grades of "C" or higher are required for all major courses.

- MMC 3105 3 Advanced Writing for the Media
 MMC 3200 3 Law & Ethics of Communications
 MMC 3614 3 Media Theories & Effects
 MMC 4420 3 Mass Communications Research
 MMC 4975 3 Senior Project
Prerequisites: MMC 3205, MMC 3614, & MMC 3105
 STA 2014 3 G(M) Elem Statistics-Health/SS

Major Electives (18 credits)

- PUR 3000 3 Principles of Pub Relations
 PUR 3100 3 Public Relations Writing
Prerequisites: PUR 3000 & MMC 3105
 PUR 4400 3 Crisis Communication
Prerequisites: PUR 3000 & MMC 3105
 PUR 4800 3 Public Relations Campaigns
Prerequisites: MMC 3105, PUR 3000, PUR 3100, & PUR 4801
 PUR 4801 3 Public Relations Cases
Prerequisites: PUR 3000 & MMC 3105

Select one from the following:

- PGY 2401C Photography, Black and White
 PGY 4610 Photojournalism
 JOU 3302 Writing Editorials & Columns
 JOU 4117 Seminar in Reporting Techniques
 JOU 4202 Advanced Newspaper Editing
 MMC 3130 Presentation & Design
 MMC 4251 Creating Health Messages for Mass Media



MMC 3402 Political Advertising
 MAN 3025 Administrative Management
 MAR 3023 Principles of Marketing
 MAR 4323 Advertising Management

Free Electives (24 credits)

Take 24 hours @ 3000/4000 level

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).

**Minors In Communication
 Minor: Communication Studies (15 credits)**

No more than six credit 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.

COM 2000 3 Intro to Communication Studies
 SPC 2600 3 Public Speaking

Select at least one from the following:

COM 3120 Organizational Communication
 COM 3042 Interpersonal Communication
 COM 4301 Comm. Theory & Research Methods

Select two from the following:

MMC 3620 Int'l Study in Communications
 COM 4430 International Communication
 COM 3440 Small Group Communication
 MMC 3402 Political Advertising
 MMC 3609 Public Opinion & Persuasion
 COM 3932 Topics in Communications
 COM 3346 Interviewing: Theories & Methods
 COM 4411 Communication & Popular Culture
 MMC 4420 Mass Communication Research
 RTV 4403 Media Criticism
 COM 4022 Theory & Rsch. Methods in Health Comm.
 COM 4930 Seminar in Communication

Minor: Mass Communication (15 credits)

Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken simultaneously. Written permission from the department chair is required to override either of these policies. No more than six credit 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.

MMC 1004 3 Media Literacy
 MMC 3105 3 Advanced Writing for the Media
 MMC 3614 3 Media Theories & Effects

Select two from the following:

ADV 3008 Principles of Advertising
 JOU 3204 Principles of Journalism
 PUR 3000 Principles of Public Relations
 MMC 3200 Law & Ethics in Communications
 RTV 3000 Principles of Broadcasting
 SPC 4064 Public Speaking for Professionals

Department of Criminology and Criminal Justice

Michael Hallett, Chair & Professor
Christine Rasche, Associate Professor
Stanley Swart, Associate Professor
Catherine Chadeayne-Goldman, Instructor, Field Coordinator of Criminal Justice Internships
Glenn Coffey, Assistant Professor
Kareem Jordan, Assistant Professor
Elizabeth McMullan, Assistant Professor
Jennifer Wesely, Assistant Professor & MSCJ Coordinator
Steve Wilson, Assistant Professor
 (904) 620-2758

The Department of Criminology & Criminal Justice offers a variety of programs in the social sciences. The department offers bachelor's degrees in criminal justice. The department also offers a minor in criminal justice. The minor may be taken with a student's major program; students should consult with their advisor. Finally, the department offers a graduate degree program in criminal justice.

Criminal Justice: Criminal justice education is one of the most rapidly growing modern disciplines in higher education today. The need for college-educated criminal justice personnel is recognized nationally. Understanding criminal behaviors and the administration of justice in America today also is becoming increasingly important in many professions outside of the criminal justice system. Teachers, counselors, clinicians, social workers, business personnel and governmental employees are only a few of the many professional who, in the course of their work, may have contact with the criminal justice system, its staff, or the offenders or victims involved in the system.

The University of North Florida offers an undergraduate major in criminal justice leading to the Bachelor of Arts degree and a graduate program in criminal justice leading to the Master of Science degree. A minor in criminal justice is also available.

Criminal Justice Major:

The undergraduate degree program in 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 as a discipline 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 criminal justice prerequisites at the lower level though STA 2014 is a prerequisite to CCJ 3700 Research Methods in Criminology & Criminal Justice.

Major: Criminal Justice
Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of “C” or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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

Major Requirements (24 credits)

- CCJ 3023 3 Intro to Criminal Justice
- CCJ 3603 3 Criminological Theory
- CCJ 3700 3 Res Meth Crimin & Crim Justice
Prerequisite: STA 2014
- CCJ 3501 3 Juven Delin and Juven Justice
- CJL 4310 3 Criminal Law and Procedures I
- CJE 4017 3 Law Enforcement System/Process
- CJL 4510 3 Court Systems and Processes
- CJC 4015 3 Correctional Systems/Process

Major Electives (6 credits)

In-service students select three courses; Non-Service select two courses.

Select two Criminal Justice Electives

- CCJ 3932 Special Topics: Criminal Justice
- CCJ 4283 Philosophy of Law & Justice
- CCJ 4604 Crime & Mental Illness
- CCJ 4662 Minorities & Crime
- CJC 3410 Offender Treatment

- CCJ 4663 Women & Crime
- CCJ 4664 White Collar Crime
- CCJ 4680 Family Violence
- CJE 4144 Security & Society
- CCJ 4905 Directed Independent Study
- CCJ 4931 Controversial Legal Issues
- CCJ 4935 ST: Criminal Justice Administration
- CCJ 4938 ST: Criminology
- CJL 4315 Criminal Trials Seminar
- CCJ 4641 Organized Crime
- CJE 3281 Women in the Legal System
- CJE 4211 Hate Crimes
- CJC 4510 Punishment & Society
- CJE 3232 Drugs & Crime
- CJE 4270 Child Abuse
- CJL 4111 Criminal Law & Procedures II
- SYP 3570 Deviance & Social Control
- CCJ 3930 Criminal Justice Junior Seminar

Internships (6 credits)

Non-service Internship

Internship requires completion of all the following core courses with a grade of “C” or above:

- CCJ 3700, CCJ 3023, CCJ 3603, CCJ 3501, CJL 4310, CJL 4510, CJE 4017, and CJC 4015.

Note: In-service students need departmental approval to waive capstone experience.

- CCJ 4939 3 Pre-Intern in Criminal Justice
- CCJ 4940 3 Internship in Criminal Justice

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Free Electives (3 credits)

Select three hours Free Electives 3000/4000

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).

Criminal Justice Minor

Students in other majors may select to minor in Criminal Justice as part of their overall program of study. The minor in Criminal Justice is recommended for those students who anticipate that their future career will involve them in some contact with the Criminal Justice System, its employees, victims or offenders, and who would therefore benefit from some knowledge about this area to complement their major area of interest.



Minor: Criminal Justice (15 credits)

No more than six credit hours, or two courses, may be transferred in to satisfy minor course requirements. No more than three credit hours, or one 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.

CCJ 3023	3	Intro to Criminal Justice
CCJ 3603	3	Criminological Theory
CJL 4310	3	Criminal Law & Procedures I

Select two courses from: (3000/4000)

CCJ CJC CJL CJT

Honors in Criminal Justice

Outstanding undergraduate 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 at least two semesters prior to graduation.

Admission to the program requires: an overall GPA of 3.67 or better, junior or senior standing, and completion CCJ 3603 and SYA 3300; a letter of application to the Criminal Justice faculty, which includes a discussion of career plans and proposed research to be conducted for the Honors research project; and securing the sponsorship of a member of the Criminal Justice faculty to serve as the supervisor of the Honors research project.

Department of Economics and Geography

Paul M. Mason, Professor & Chair

Jeffrey W. Steagall, Professor & Associate Dean

Louis A. Woods, Professor

Mina Balamoune, Associate Professor

Sharon C. Cobb, Associate Professor

Andres A. Gallo, Associate Professor

Harriet A. Stranahan, Associate Professor

Lian An, Assistant Professor

Christopher K. Johnson, Assistant Professor

Robert Pavasuthipaisit, Assistant Professor

Chung-Ping Loh, Assistant Professor

W. Thomas Coppedge, Instructor

(904) 620-2640

The program of the Department of Economics and Geography is designed to provide 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 jobs in business, government, finance, and the professions. 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. Students should choose their elective courses in

economics in support of their expected career goals. The department faculty recommend the following:

Students interested in emphasizing international economics, should take three of the following:

- ECO 3703 International Economics
- ECO 4723 International Monetary System
- ECS 3013 Economic Development
- ECS 3303 Current Issues in the Economics of the European Union
- ECS 3403 Current Issues in the Economy of Latin America

Students planning to enroll in law school, should take three of the following:

- ECO 4504 Public Finance
- ECP 3403 Economics of Industrial Organization
- ECP 3451 Law, Economics, & Public Policy
- ECP 4413 Government & Business

Students planning to enroll in graduate school economics, should take three of the following:

- ECO 3411 Business and Economic Statistics
- ECO 4303 History of Economic Thought
- ECO 4xxx Mathematical Economics
- GIS 3043 Introduction to Geographic Info Systems
- The faculty strongly recommends that these students pursue at least a minor in mathematics or statistics, to include some of the following courses, (note that graduate school admission requirements in economics often require Calculus I and II and Linear Algebra):
 - Calculus I and II (add'l courses are encouraged)
 - Linear Algebra
 - Differential Equations
 - Probability and Statistics at the upper-division level
 - Statistical Methods I and II
 - Statistical Theory

Students seeking to enter the work force after receipt of their bachelor's degree, or a more general curriculum, should take three of the following:

- ECO 4223 Monetary Economics
- ECP 3403 Economics of Industrial Organization
- ECP 3530 Health Economics and Policy
- ECP 3613 Urban Economics
- ECP 3703 Managerial Economics
- ECP 4413 Government and Business

Students expecting to work in the field of planning should take

- GIS 3043 Introduction to Geographic Info Systems
- GIS 4048 Intermediate Geographic Info Systems
- One of the courses listed above

Major: Economics

Degree: Bachelor of Arts

Prerequisites

Requires grades of "C" or above.

(6 credits)

ECO 2013 3 Principles of Macroeconomics
ECO 2023 3 Principles of Microeconomics
or 2 courses with the ECO prefix

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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

Major Requirements (12 credits)

ECO 3421 3 Econometrics

Prerequisite: Introductory Statistics

ECO 3101 3 Intermediate Microeconomics

Prerequisite: ECO 2023

ECO 3203 3 Intermediate Macroeconomics

Prerequisite: ECO 2013; Corequisites: ECO 3411 or ECO 3421

Select one International course

ECO 3704 International Trade

Prerequisite: ECO 2023

ECO 4713 International Monetary System

Prerequisite: ECO 3203

Major Electives (9 credits)

A grade of "C" or better is required in all economics courses.

Select three from: (3000/4000)

ECO GEO ECP ECG

ECO 3632/ECO 3701/ECP 3704 may not be used in the major.

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.)*

Free Electives (16 credits)

Select 16 hours Free Electives 3000/4000

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).

Department of English

A. Samuel Kimball, Professor & Chair

Leslie Kaplan, Interim Director, Writing Program

Mary Baron, Professor

Marnie C. Jones, Professor

Mark E. Workman, Provost, Vice President,
Academic Affairs & Professor

Keith Cartwright, Associate Professor

Chris Gabbard, Associate Professor & Coordinator

M.A. Program in English

Kathleen Hassall, Associate Professor

Nancy J. Levine, Associate Professor

Clark Lunberry, Associate Professor

Jason I. Mauro, Associate Professor

Pamela A. Monteleone, Associate Professor

Betsy L. Nies, Associate Professor

Brian J. Striar, Associate Professor

Bart H. Welling, Associate Professor

Michael G. Wiley, Associate Professor

Tiffany Beechy, Assistant Professor

Timothy Donovan, Assistant Professor

Tru Leverette, Assistant Professor

Jillian L. Smith, Assistant Professor

Timothy H. Robinson, Affiliated Professor

Mark Ari, Instructor

Jeanette M. Berger, Instructor

Frederick F. Dale, Instructor

Joseph Flowers, Instructor

Bernadette Gambino, Instructor

Pamela Hnyla, Instructor

C. Susan Kraegel, Instructor

Michele Leavitt, Instructor

Eileen R. Maguire, Instructor

Alexander Menocal, Instructor

Barbara B. Roberts, Instructor

Russell D. Turney, Instructor

Amy R. Wainwright, Instructor

(904) 620-2273

Every culture defines itself partly through its language. Every culture possesses a fund of stories, poems, traditions, and sayings which help to construct its sense of the world. Educated people everywhere are recognized through their ability to use language well. Our lives — professional, personal, and artistic — are enriched by our powers to speak and write as we would wish. The Department of English is devoted to the arts and skills of language.



The department serves UNF's students through training and education in English. Recognizing the centrality of writing skills to an educated citizenry, the department seeks to enhance its own expertise in the teaching of writing, to develop links between the department's composition courses and the remaining General Education curriculum, and to assist faculty in other departments as they, too, seek to teach writing.

Advanced study in English usually concerns the history, modes, contexts, and accomplishments of the linguistic arts. The department's courses often involve the reading of a culture through its literary products. Film and drama, as forms of story, fall within the department's range, as do literature in general, both oral and written, and linguistics. The English faculty actively advance knowledge in the department's domain.

The Department of English offers courses in American, British, Irish, and world literature, creative and expository writing, and linguistics.

The department offers the B.A. in English and the M.A. in English. Minors are offered in film studies, drama and English. Two tracks lead to the B.A. in English: the basic major and the drama track. For those who major in English in the College of Education and Human Services, the Department offers courses toward certification at the secondary level.

Associated Programs and Minors:

The department offers minors in English, film studies and drama. Minors usually require 15 hours, including a minimum of nine hours at UNF.

General Policies:

Students who come to UNF without the prerequisite courses may take such courses here or elsewhere. Students may receive major credit for a total of no more than six (W) hours in workshops, practicums, and internships.

Students must notify the English Department office in advance if they will miss the first class meeting of a course. Otherwise, students who miss that meeting may be dropped from the course immediately.

Major: English

Degree: Bachelor of Arts

Prerequisites

(6 credits)

Requires grades of "C" or above.

Select two Intro Lit courses from:

ENC 1101 G(W) College Writing

ENC 1102 G(W) Informed Writer

Or any other Gordon writing course with prefix

AML CRW ENC ENG ENL LIT

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences

are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements

(9 credits)

Select two literary period courses: (one of the courses must be selected from the early period and the other from the later period of either American or British literature).

ENG 4013 3 Approach Lit Interpretation

Prerequisite: One upper level literature course

Select one American Lit Periodization

AML 3031 G(W) Periods of Early American Lit.

AML 3041 G(W) Periods of Later American Lit.

Select one British Lit Periodization

ENL 3501 G(W) Periods of Early British Literature

ENL 3503 G(W) Periods of Later British Literature

Major Electives

(18 credits)

Select from categories below. At least two courses must be 4000 level (or may select two 4000 levels as lit electives below).

Type Requirement

Select one course in literary type

AML 3102 G(W) American Fiction

AML 3152 G(W) American Poetry

ENG 4105 Film as Literature

ENL 3112 G(W) British Novel I

ENL 3132 G(W) British Novel II

LIT 3043 G(W) Modern & Contemporary Drama

LIT 3331 G(W) Children's Literature

LIT 3333 G(W) Adolescent Literature

LIT 4041 Studies in Drama

LIT 3045 Period of Dramatic Literature

LIT 4935 Literary Themes

Context Requirement

Select one literature in context

AML 3621 G(W) Black American Literature

AML 4225 Studies in 19th Century American Lit

AML 4242 Studies in 20th Century American Lit

CLT 4110 Classical Background of Western Lit

ENG 4905 Tut. in Criticism & Interpretation of Lit

ENG 4930 Topics in Criticism & Interpretation of Lit

ENL 3333 Shakespeare

ENL 4220 Studies in Renaissance Lit

ENL 4230 Studies in Restoration & 18th Cent. Lit

ENL 4240 Studies in English Romantic Lit

ENL 4251 Studies in Victorian Literature

LIT 3184	(FC) G(W) Intro to Irish Lit & Culture
LIT 3193	(FC) G(W) Literature of the East
LIT 3304	G(W) Lit of Popular American Culture
LIT 3408	Approaches to Literature: Myth
LIT 3420	Approaches to Literature: Psychology
LIT 4083	Studies in Modern Literature
LIT 4093	Contemporary Literature
LIT 4104	Studies in Medieval Literature
LIT 4186	Studies in Irish Literature
LIT 4243	Major Authors
LIT 4650	Comparative Literature
LIT 4931	Cultural Studies

Medium Requirement

Select one course in literary medium (composition, creative writing, linguistics)

LIN 3010	Principles of Linguistics
LIN 4930	ST: Linguistics
CRW 3930	ST: Creative Writing
CRW 4905	Tutorial in Creative Writing
ENC 3250	G(W) Professional Communications
ENC 3310	G(W) Writing Prose
ENC 3930	Topics in Theory &/or Prac. in Comp.
ENC 4930	Topics in Theory &/or Prac. in Comp.

Select three Lit Electives (3000/4000)

AML CRW ENG ENL LIT ENC

Two must be at the 4000 level if not satisfied in the above categories.

Capstone Experience (3 credits)

This course is not repeatable even if the subject and/or title is different.

LIT 4934	3 Seminar in Literature
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Prerequisite: Four upper level literature courses

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

Teacher Certification

Students should consult with the College of Education and Human Services (COEHS) concerning

the professional courses in education needed for certification. The COEHS Advising Office can be reached at (904) 620-2530.

Major: English

Concentration: English-Drama

Degree: Bachelor of Arts

Prerequisites

(6 credits)

Requires grades of "C" or above.

Select two Introduction to Literature courses from:

ENC 1101	G(W) College Writing
ENC 1102	G(W) Informed Writer

Or any other Gordon Writing course with prefix

AML CRW ENC ENG ENL LIT

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements

(21 credits)

First day attendance rule: any student who misses the first day without advanced notice to the department chairperson may be administratively withdrawn from that course.

ENG 4013	3	Approach Lit Interpretation
LIT 3045	3	Periods of Drama Literature
ENL 3333	3	Shakespeare
TPP 2100	3	Acting Workshop

Select one from the following:

AML 3031	G(W)	Periods of Early American Lit
AML 3041	G(W)	Periods of Later American Lit
ENL 3501	G(W)	Periods of Early British Lit
ENL 3503	G(W)	Periods of Later British Lit

Select six to seven hours from the following

CRW 4424	Playwrights' Project
THE 4923	Play Production

THE 4923 may be repeated for a max of 12 hours.

Major Electives

(9 credits)

Select one course in Literary Kind:

LIT 3034	Modern Contemporary Drama
LIT 4041	Studies in Drama

Select one course in Literary Medium:

LIN 3010	Principles of Linguistics
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LIN 4930 Special Topics: Linguistics
 CRW 3930 Special Topics: Creative Writing
 CRW 4905 Tutorial in Creative Writing
 ENC 3250 Professional Communications
 ENC 3310 Writing Prose
 ENC 3930 Topics in Theory &/or Prac. in Comp
 ENC 4930 Topics in Theory &/or Prac. in Comp
 Select one 4000 Level Elective from:
 AML ENL LIT ENG

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours Free Electives 3000/4000
 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).

Minors in English

Minor: English (15 credits)

No more than six credit hours, or two courses of transfer credit may be used in the English minor. No more than six credit hours, or two courses of lower level credit may be used in the English minor. A minimum of nine credit hours, or three courses must be upper level. No course which fulfills a freshman composition requirement may be used in the English minor, even if the word "literature" is in the title. A grade of "C" or better is required for all minor courses.

American Periodization Requirement

Select one course
 AML 3031 Periods of Early American Literature
 AML 3041 Periods of Later American Literature

British Periodization Requirement

Select one course
 ENL 3501 Periods of Early British Literature
 ENL 3503 Periods of Later British Literature
 Select three courses (3000/4000 level)
 AML CRW ENC ENG ENL LIT

Minor: Drama (15 credits)

A grade of "C" or better is required for all minor courses.

No more than six credit hours, or two courses of transfer credit may be used in the minor. Only six credit hours of lower level credit may be used. A minimum of nine credit hours must be upper level.

LIT 3045 3 Periods of Drama Literature
 Select six to seven hours from the following:
 CRW 4424 Playwrights' Project
 THE 4923 Play Production
 (THE 4923 may be repeated for six hours of credit)
 Select two courses from the following:
 LIT 3043 Modern & Contemporary Drama
 LIT 4041 Studies in Drama
 LIT 4243 Major Authors
 ENL 3333 Shakespeare
 TPP 2100 Acting Workshop

Minor: Film Studies (15 credits)

A grade of "C" or better is required in all minor courses. Students will be required to complete all prerequisites needed for individual minor courses. Courses cannot double count in both a major and minor.

LIT 3213 3 The Art of Critical Reading
 FIL 3020 3 G(W) Intro to Film Studies

Select three courses from:
 FIL 3826 American Film
 FIL 3930 Topics in Film
 FIL 4932 Documentary Studies
 FIL 4931 Advanced Topics in Film
 FIL 4822 French Cinema
 HIS 3317 History in Photography & Film
 ENG 4505 International Film
 PHI 3880 Philosophy of Film

Only one of the following courses can fulfill minor requirements.

LIT 4931 Audio/Visual/Text: Doc. Workshop
 CRW 3930 Screenwriting Workshop
 ENG 4105 Film & Literature
 CCJ 4990 Crime & Mass Media

Post-Baccalaureate Special Studies in English

This program gives persons who have completed undergraduate studies with majors in fields other than English a chance to return for further literary study at the undergraduate level. The post-baccalaureate special studies in English requires 18 hours of UNF literature courses. A certificate is issued upon completion. Students must have already completed a bachelor's degree. Their program will be designed in consultation with a member of the English faculty. Specially designed courses will be offered as feasible. Interested persons should apply to the graduate coordinator of the Department of English.



Department of History

Dale L. Clifford, Associate Professor & Chair

David T. Courtwright, John Delaney Presidential Professor

Elizabeth L. Furdell, Professor

Theophilus C. Prousis, Professor

J. Michael Francis, Associate Professor

Philip G. Kaplan, Associate Professor

N. Harry Rothschild, Associate Professor

Aaron Sheehan-Dean, Associate Professor

Carolyn L. Williams, Associate Professor

Denise I. Bossy, Assistant Professor

Alison J. Bruey, Assistant Professor

Charles E. Closmann, Assistant Professor

David L. Sheffler, Assistant Professor
(904) 620-2886

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 stresses the importance of the historical perspective for understanding contemporary social, political, technological, and economic problems. In the words of Woodrow Wilson, "A nation which does not know what it was yesterday does not know what it is today, nor what it is trying to do."

History depends upon the skills of communication. 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 in-depth 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 in the first decade of the 21st century that students appreciate the certainty of continuing change, develop the intellectual skills to respond to that change, and maintain a value system enabling them to understand the world and involve themselves in it.

The department's goal is to graduate a liberally educated person who can view the world with a historical perspective, appreciate the traditions of various cultures,

understand the role of change and continuity, and have interests encompassing humanities, social sciences, fine arts, and natural sciences. The history graduate should leave UNF with the ability to evaluate the world critically and with an understanding that education is a never-ending process.

Major: History

Degree: Bachelor of Arts

Prerequisites

(6 credits)

Requires grades of "C" or higher.

Select two Introduction History Courses
HIS EUH AMH ASH ASN LAH WOH

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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

Major Requirements

(18 credits)

Required grades of "C" or higher.

HIS 3051 3 G(W) Craft of the Historian
U.S. AMH @ 3000 LEVEL
European EUH @ 3000 LEVEL
Global AFH/ASH/ASN @ 3000 Level

One non western or global history from Asia, Africa, or Middle East @ 3000 level

Seminars: Two - 4000 Level History Courses

HIS 3051 must be completed with at least a "C" before taking 4000 level courses. Internships & independent study courses do not satisfy 4000 level requirement. **Important note:** 4000 level seminar courses are offered only fall & spring semesters.

AFH AMH EUH ASN ASH HIS LAH

Major Electives

(12 credits)

Requires grades of "C" or higher

Select four from: (3000/4000)

HIS AMH EUH ASH ASN LAH AFH

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, Appendix D.



Note: This area is informational only.

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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

Honors in History:

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. To earn honors in history, 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; and must complete two semesters of the honors colloquium. Students who complete these requirements will have honors in history noted on the transcript and diploma. For further information and applications, contact the department chairperson at (904) 620-2886.

Minors in the Department of History

Minor: History (15 credits)

No more than three credit hours, or one course carrying lower level numbers may be used in the history minor. A minimum of 12 hours, or four courses, must be upper level. A minimum of six credit hours, or two courses, must be taken at UNF. Nine credit hours may be transferred towards the minor. A grade of "C" or better is required for all minor courses.

Select five History courses (3000/4000)

HIS EUH ASN AMH AFH ASH LAH

Asian Studies Minor:

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. Students who pursue a minor field in Asian Studies will be required to take ASN 2003 Introduction to Asia (or its equivalent) and to identify a thematic sequence of courses totaling 12 additional

credit hours. Students will determine this sequence in consultation with a faculty member in Asian Studies, choosing either to focus on a specific geographical area (i.e., East Asia or South Asia) or on a particular discipline (i.e., religion or literature).

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.

Minor: Asian Studies (15 credits)

A minimum of six hours must be taken at UNF.

No more than six credit hours, or two courses of lower level course work may be used in the minor.

A grade of "C" or better is required in all minor courses.

ASN 2003 3 CD-Introduction To Asia

Select four from the following:

ASH 3337	Gandhi/Modern India
HIS 4936	Seminars
ASH 3448	Hiroshima
ASH 3444	Japan After 1868
ASH 3441	Japan Before 1868
ASH 3440	Japanese Civilization
GEO 2420	Cultural Geography
ASH 3400	20th Century Chinese Civilization
ASH 3601	Chinese Philosophy
SYP 4351	Social Movements & Social Change
ASH 3620	Asian Art & Culture
MAN 4600	Management of International Business
LIT 3193	Literature of the East
CPO 4930	The Pacific Rim
PHH 3860	The Japanese Mind
PHH 3820	Chinese Philosophy
PHH 3811	The Philosophy of Zen Buddhism
JPN 1120	Beginning Japanese I
JPN 1121	Beginning Japanese II

Classical Civilization Minor:

The Classical Civilization minor is an interdisciplinary program administered by the Department of History. Contributing disciplines include Art, Language, Literature, History, and Philosophy. The minor enables students to fashion a course of study imparting a broad yet coherent understanding of the civilization of ancient Greece and Rome. Aside from providing a logical framework for the study of the classical world, the minor should be helpful to students seeking admissions to graduate studies in fields related to classical studies.

Minor: Classical Civilization (15 credits)

Nine credit hours must be taken at UNF. Nine credit hours must be upper level (3000/4000) A grade of "C" or better is required for all minor courses.

Select one from the following:

EUH 3403 Ancient Greece

EUH 3411 Ancient Rome

Select four courses from the following:

(three must be taken with different prefixes)

CLT 4110 Classical Background of Western Lit

EUH 3403 Ancient Greece

EUH 3411 Ancient Rome

LAT 1120 Beginning Latin I

LAT 1121 Beginning Latin II

PHH 3100 Ancient Philosophy

PHH 3120 Greek Experience

PHH 3104 Socrates & the Sophists

PHH 4121 Ancient Greek Ethics

ASH 3200 Ancient Near East

PHI 3935 Ancient Philosophy: Selected Topics

EUH 4103 From Homer to Herodotus

EUH 4408 Alexander the Great

ARH 3130 The Art & Architecture of Ancient Greece

ARH 3150 The Art & Architecture of Ancient Rome

Students may also select special topics courses approved by the classical civilization faculty to meet the above requirement.

Department of Mathematics and Statistics

Scott H. Hochwald, Associate Professor & Chair

Denis R. Bell, Professor

Donna L. Mohr, Professor

Ping Sa, Professor

Pali Sen, Professor & Graduate Director

Jingcheng Tong, Professor

Faiz Al-Rubae, Associate Professor

Adel N. Boules, Associate Professor

Peter A. Braza, Associate Professor & Associate Dean, College of Arts and Sciences

Michelle DeDeo, Associate Professor

Daniel Dreibelbis, Associate Professor & Undergraduate Director

Richard Patterson, Associate Professor

Rama M. Rao, Associate Professor

Peter Wludyka, Associate Professor

Mei-Qin Zhan, Associate Professor

Elena Buzaianu, Assistant Professor

Raluca Dumitru, Assistant Professor

Daniela Genova, Assistant Professor

Jim Gleaton, Assistant Professor

Sami Hamid, Assistant Professor

Damon Hay, Assistant Professor

Ognjen Milatovic, Assistant Professor

Mahbubur Rahman, Assistant Professor

Kening Wang, Assistant Professor

Hugh Cornell, Instructor

Jann MacInnes, Instructor

Luminita Razaila, Instructor

Paul Rowe, Instructor

Debora Simonson, Instructor

(904) 620-2653

Mathematics and 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 and 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 given below. A grade of "C" or better in all prerequisite, major and minor courses is required for graduation. Specifics of the degree programs offered by the department are given below.

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.

The Bachelor of Arts Program

Major: Mathematics

Degree: Bachelor of Arts

Prerequisites

(23 credits)

Requires grades of "C" or above.

MAC 2311 4 G(M) Calculus I

MAC 2312 4 G(M) Calculus II

MAC 2313 4 G(M) Calculus III

Scientific Computer Programming Course

Department recommends a computer programming language course in PASCAL, FORTRAN, C, C+, C++ COP

Science Requirement

Two laboratory-based Science courses designed for science majors.

B.S.C CHM PHY

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the Foreign Language/Foreign Culture requirement with grades of "C" or higher. Take eight hours of Foreign Language



Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (21 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 4301 be taken in the senior year.

MAP 2302 3 G(M) Ordinary Differ Equations

Prerequisite: MAC 2312

MHF 3202 3 G(M) Foundations of Mathematics

Prerequisite: MAC 2312

MAS 3105 4 G(M) Linear Algebra

Prerequisite: MAC 2312

MAA 4211 4 G(M) Advanced Calculus I

Prerequisites: MAC 2313, MAS 3105, & MHF 3202

MAA 4212 3 G(M) Advanced Calculus II

Prerequisite: MAA 4211

MAS 4301 4 G(M) Abstract Algebra

Prerequisites: MAS 3105 & MHF 3202

Contextual Courses (4 credits)

STA 4321 4 G(M) Probability & Statistics

Prerequisite: MAC 2312

Major Electives (9 credits)

Check catalog course descriptions for course prerequisites.

Select three from the following:

MAA 4402 Complex Analysis

MAD 3107 Discrete Mathematics

MAD 4401 Numerical Analysis

MAP 4231 Operations Research

MAP 4341 Elementary Partial Differential Equations

MAS 3203 Number Theory

MAS 4156 Vector Analysis

MHF 3404 History of Mathematics

MTG 3212 Modern Geometry

MTG 4302 Elementary Topology

STA 4445 Probability Models

Capstone Experience (2 credits)

MAS 4932 2 Capstone Experience in Math

Prerequisite: Senior standing & permission of department

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Major: Statistics Degree: Bachelor of Arts

Prerequisites (15 credits)

All transfer courses require prior approval of department chairperson. A grade of "C" or better is required in all statistics prerequisites. The department recommends a computer programming language course in PASCAL, FORTRAN, C, C+, or C++.

MAC 2311 4 G(M) Calculus I

Prerequisite: MAC 1147

MAC 2312 4 G(M) Calculus II

Prerequisite: MAC 2311

COP 2220 3 Computer Science I

Select one Lab Science Course for Science Majors.

BSC 1010C General Biology I

CHM 2045C General Chemistry I

PHY 2053, PHY 2053L Algebra Physics I and lab

PHY 2048, PHY 2048L Calculus Physics I and lab

Acceptable substitutes: any BSC, CHM, PHY with lab

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (22 credits)

Grades of "C" or higher required in all major courses.

MAC 2313 4 G(M) Calculus III

Prerequisite: MAC 2312

MAS 3105 4 G(M) Linear Algebra

Prerequisite: MAC 2312

STA 3163 4 G(M) Statistical Methods I
Prerequisite: STA 2014 or STA 2023 or STA 4321
 STA 3164 3 G(M) Statistical Methods II
Prerequisite: STA 3163
 STA 4321 4 G(M) Probability & Statistics
Prerequisite: MAC 2312
 STA 4322 3 G(M) Statistical Theory
Prerequisite: MAC 2313 & STA 4321

Major Electives (12 credits)

Grades of "C" or higher required in all major electives.

Select four courses from the following:

MAP 4231 Operations Research
 STA 4504 Categorical Data
 MAA 4211 Advanced Calculus I
 MAA 4212 Advanced Calculus II
 MHF 3202 Foundations of Math
 STA 4202 Design of Experiments
 STA 4222 Design/Sample/Survey
 STA 4664 Statistical Quality Control
 STA 4445 Probability Models
 STA 4502 Non-Parametric Methods in Statistics
 STA 4906 Directed Individual Study

Capstone Experience (2 credits)

Graduation requirement: students must maintain a portfolio according to department guidelines and submit it to their capstone professor.

STA 4945 2 G(M) Statistics Capstone
Prerequisite: Senior Standing and permission of the department.

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (1 credits)

Electives one hour (3000/4000 level)

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).

The Bachelor of Science Program

Major: Mathematics

Degree: Bachelor of Science

Prerequisites

(23 credits)

Requires grades of "C" or above.

MAC 2311 4 G(M) Calculus I

MAC 2312 4 G(M) Calculus II
 MAC 2313 4 G(M) Calculus III
 Scientific Computer Programming Course
 Department recommends a computer programming language course in PASCAL, FORTRAN, C, C+, C++
 COP
 Science Requirement
 Two laboratory-based science courses designed for science majors.
 BSC CHM PHY

Major Requirements (21 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 4301 be taken in the senior year.)

MAP 2302 3 G(M) Ordinary Differ Equations
Prerequisite: MAC 2312
 MHF 3202 3 G(M) Foundations of Mathematics
Prerequisite: MAC 2312
 MAS 3105 4 G(M) Linear Algebra
Prerequisite: MAC 2312
 MAA 4211 4 G(M) Advanced Calculus I
Prerequisites: MAC 2313, MAS 3105, & MHF 3202
 MAA 4212 3 G(M) Advanced Calculus II
Prerequisite: MAA 4211
 MAS 4301 4 G(M) Abstract Algebra
Prerequisites: MAS 3105 & MHF 3202

Contextual Courses (4 credits)

STA 4321 4 G(M) Probability and Statistics
Prerequisite: MAC 2312

Major Electives (12 credits)

Please check catalog course descriptions for prerequisite requirements.

Select four courses from the following:

MAA 4402 Complex Analysis
 MAD 3107 Discrete Mathematics
 MAD 4401 Numerical Analysis
 MAP 4231 Operations Research
 MAP 4341 Elementary Partial Differential Equations
 MAS 3203 Number Theory
 MAS 4156 Vector Analysis
 MHF 3404 History of Mathematics
 MTG 3212 Modern Geometry
 MTG 4302 Elementary Topology
 STA 4445 Probability Models

Capstone Experience (2 credits)

MAS 4932 2 Capstone Experience in Math
Prerequisite: Senior standing & permission of department

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (6 credits)

Select six hours Free Electives 3000/4000
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).

Major: Statistics Degree: Bachelor of Science

Prerequisites (15 credits)

All transfer courses require prior approval of department chairperson. A grade of "C" or better is required in all statistics prerequisites. The department recommends a computer programming language course in PASCAL, FORTRAN, C, C+, or C++.

MAC 2311 4 G(M) Calculus I

Prerequisite: MAC 1147

MAC 2312 4 G(M) Calculus II

Prerequisite: MAC 2311

COP 2220 3 Computer Science I

Select one Lab Science Course

B.S.C 1010C General Biology I

CHM 2045C General Chemistry I

PHY 2053, PHY 2053L Algebra Physics I and lab

PHY 2048, PHY 2048L Calculus Physics I and lab

Acceptable substitutes: any B.S.C, CHM, PHY with lab

Major Requirements (22 credits)

Grades of "C" or higher required in all major courses.

MAC 2313 4 G(M) Calculus III

Prerequisite: MAC 2312

MAS 3105 4 G(M) Linear Algebra

Prerequisite: MAC 2312

STA 3163 4 G(M) Statistical Methods I

Prerequisite: STA 2014 or STA 2023 or STA 4321

STA 3164 3 G(M) Statistical Methods II

Prerequisite: STA 3163

STA 4321 4 G(M) Probability And Statistics

Prerequisite: MAC 2312

STA 4322 3 G(M) Statistical Theory

Prerequisite: MAC 2313 & STA 4321

Major Electives (15 credits)

Grades of "C" or higher required in all major electives.

Select five courses from the following:

STA 4504 Categorical Data

MAA 4211 Advanced Calculus I

MAA 4212 Advanced Calculus II

MAP 4231 Operations Research

MHF 3202 Foundations of Math

STA 4202 Design of Experiment

STA 4222 Design/Sample/Survey

STA 4664 Statistical Quality Control

STA 4445 Probability Models

STA 4502 Non-Parametric Methods in Statistics

Capstone Experience (2 credits)

Graduation requirement: students must maintain a portfolio according to department guidelines and submit it to their capstone professor.

STA 4945 2 G(M) Statistics Capstone

Prerequisite: Senior Standing and permission of the department.

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (6 credits)

Electives six hours (3000/4000 level)

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).

Honors in Mathematics and Statistics

A student may apply for the honors program after completing at least Calculus I, Calculus II, and one other mathematics or statistics course (that counts 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.

Minors in Mathematics and Statistics Minor: Mathematical Science (25 credits)

Students may transfer in Calculus II and Ordinary Differential Equations as part of the minor courses. A grade of "C" or better is required for all minor courses and prerequisites.

- MAC 2311 4 G(M) Calculus I
Prerequisite: MAC 1147
- MAC 2312 4 G(M) Calculus II
Prerequisite: MAC 2311
- MAC 2313 4 G(M) Calculus III
Prerequisite: MAC 2312
- MAP 2302 3 G(M) Ordinary Differ Equations
Prerequisite: MAC 2312
- MAS 3105 4 G(M) Linear Algebra
Prerequisite: MAC 2312

Select six to eight hours from the following:

- MAA 4211 Advanced Calculus I
 MAA 4212 Advanced Calculus II
 MAA 4402 Complex Analysis
 MAD 3107 Discrete Mathematics
 MAD 4401 Numerical Analysis
 MAP 4231 Operations Research
 MAP 4341 Elementary Partial Differential Equations
 MAS 3203 Number Theory
 MAS 4156 Vector Analysis
 MAS 4301 Abstract Algebra
 MHF 3202 Foundations of Mathematics
 MHF 3404 History of Mathematics
 MTG 3212 Modern Geometry
 MTG 4302 Elementary Topology
 STA 4321 Probability & Statistics
 STA 4445 Probability Models

Minor: Mathematical Science (15 credits)
Minor: Math Minor for B.A. Statistics Majors

Courses used for the major cannot count in the minor. A grade of "C" or better is required for all minor courses and prerequisites.

- MAP 2302 3 G(M) Ordinary Differ Equations
Prerequisite: MAC 2312
- MAD 4401 3 G(M) Numerical Analysis

Select three From Math Major Electives

- MAA MAC MAD MAP MAS MAT MHF MTG

Minor: Statistics (19 credits)

All courses in the statistics minor except for STA 4322 and STA 4445 may be taken with STA 2014, STA 2023 or STA 3163 as the only prerequisites. A grade of "C" or better is required for all minor courses.

Prerequisite Requirement

Select one course from:

- STA 2023 Elementary Statistics for Business
 STA 2014 Elem. Stat. for Health & Social Sciences
 STA 3163 4 G(M) Statistical Methods I
 STA 3164 3 G(M) Statistical Methods II

Select three courses from the following:

- MAP 4231 Operations Research
 STA 4202 Design of Experiments
 STA 4222 Design of Sample Surveys
 STA 4321 Probability & Statistics
 STA 4322 Statistical Theory
 STA 4445 Probability Models
 STA 4502 Nonparametric Methods in Statistics
 STA 4664 Statistical Quality Control

Minor: Applied Statistics (19 credits)

A grade of "C" or better is required for all minor courses. Requests for transfer courses must be approved by the department chairperson.

Prerequisite Requirement

Select one course from:

- STA 2014 Elem. Stat. for Health & Social Sciences
 STA 2023 Elementary Statistics for Business
 STA 3163 4 G(M) Statistical Methods I
Prerequisite: MAC 1105 or MAC 1147
 STA 3164 3 G(M) Statistical Methods II
Prerequisite: STA 3163

Select three courses from the following:

- STA 4202 Design of Experiments
 STA 4222 Design of Sample Surveys
 STA 4502 Nonparametric Methods in Statistics
 STA 4504 Categorical Data Analysis
 STA 4664 Statistical Quality Control
 STA 4906 Directed Individual Studies
 STA 4930 Special Topics: Statistics

Approved Minors For B.S. Students In Mathematics And Statistics

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).

Minor: Mathematical Science (15 credits)
Minor: Math Minor for B.S. Statistics Majors

Courses used for the major cannot count in the minor. A grade of "C" or better is required for all courses in the minor.

- MAP 2302 3 G(M) Ordinary Differ Equations
 MAD 4401 3 G(M) Numerical Analysis

Select three from the following:

- MAA 4211 Advanced Calculus I
 MAA 4212 Advanced Calculus II
 MAA 4402 Complex Analysis
 MAD 3107 Discrete Mathematics
 MAD 4401 Numerical Analysis
 MAS 3203 Number Theory
 MAS 4156 Vector Analysis
 MAS 4301 Abstract Algebra
 MHF 3202 Foundations of Mathematics
 MHF 3404 History of Mathematics
 MTG 3212 Modern Geometry
 MTG 4302 Elementary Topology
 STA 4445 Probability Models
 MAP 4231 Operations Research

Minor: Statistics (16 credits)

Minor: Statistics Minor for B.S. Math Majors

A grade of "C" or better is required for all minor courses. Courses used in the major may not double count in the minor.

- STA 3163 4 G(M) Statistical Methods I
 STA 3164 3 G(M) Statistical Methods II



Select three courses from the following:

STA 4202	Design of Experiments
STA 4222	Design of Sample Surveys
MAP 4231	Operations Research
STA 4322	Statistical Theory
STA 4445	Probability Models
STA 4502	Nonparametric Methods in Statistics
STA 4664	Statistical Quality Control

Department of Music

Gordon Brock, Professor & Chair
Bunky Green, Professor & Director of Jazz Studies
Barry R. Greene, Professor
Charlotte Mabrey, Professor
Gary Smart, Professor & Terry Presidential Professor
Marcus Dickman, Associate Professor
James B. Scott, Associate Professor
Simon Shiao, Associate Professor
Lynne Arriale, Assistant Professor
Krzysztof Biernacki, Assistant Professor
James Nixon Curry, Assistant Professor
Daniel R. Gottlieb, Assistant Professor
Dennis J. Marks, Assistant Professor
Cara Tasher, Assistant Professor
Randall C. Tinnin, Assistant Professor
Guy Yehuda, Assistant Professor
(904) 620-2960

Mission Statement

The UNF Department of Music is committed to the artistic and intellectual preparation of students for the challenging world in which we live, and aims to provide a high level of professional musical training as well as a sense of mission about the true value of music to our society. An active, pluralistic musical environment where artist-teachers model for and work with students at a personal level is complemented by the Ira M. Koger Endowed Chair in American Music, which provides a strong focus on jazz studies.

The department provides music majors and non-music majors alike the opportunity to develop their knowledge, understanding, and ability in all aspects of music at a level appropriate to their needs and interests, and prepares music majors for careers as performers, teachers, composers, arrangers, and professionals in the music industry and supporting fields.

A key component of our mission is the artistic enrichment of the lives of UNF students and faculty, as well as our community, state, regional, and national constituencies.

The Department of Music is accredited by the National Association of Schools of Music. The music program leads to a Bachelor of Music degree, a Bachelor of Arts degree, and the Bachelor of Arts Education degree. Before acceptance into the program,

students must complete a performance audition successfully. For more information about auditions, please contact the Department of Music office. Piano proficiency exams, theory placement tests, and ensemble placement auditions are held during the first class meetings of the semester.

Performers Certificate Program

The Department of Music offers a limited access certificate program for talented performers. Entrance to this non-degree program is by audition only. For more information contact the UNF Department of Music directly.

Music Degree Programs

The Department of Music offers degree programs in the following areas:

- Bachelor of Arts in Music
- Bachelor of Music in Performance
With concentration in:
 - Piano
 - Strings
 - Voice
 - Woodwinds, Brass, Percussion
- Bachelor of Music in Jazz Studies

Since the Department of Music programs of study are continually adapting to pedagogical needs, please refer to the Department of Music Student Handbook and accompanying curricular charts for current information. This information is available online at www.unf.edu/coas/music.

All music majors must pass a piano proficiency exam prior to graduation. In addition, music majors must present a senior recital prior to graduation.

Students must notify the Department of Music 24 hours in advance if the first day of class will be missed. Failure to do so may forfeit the student's place in that class.

Probation

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.

Ensembles

All music students are required to enroll in a major ensemble for every semester in residence. Placement in selective ensembles is determined by competitive audition.

For other Department of Music policies consult the Music Student Handbook.

B.A.E with a Concentration in Music

The Department of Music and the Department of Foundations and Secondary Education jointly offer the Curriculum in Music Education for the preparation of teachers of general classroom, instrumental, and choral music. All voice and instrumental majors must pass a piano proficiency examination before enrolling in student teaching. Graduates of the program receive the Bachelor of Arts in Education degree and are eligible to apply for the Florida Rank III Certificate, valid for teaching music grades K-12.

Students interested in pursuing music education should consult with an advisor in the College of Education and Human Services, and be accepted to the Department of Music by completing an audition successfully.

Major: Music

Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Freshman Year Fall Semester (8 credits)

Prerequisites to the major are outlined in the Freshman and Sophomore years.

MUN 2XXX	Large Ensemble
MUS 1010	0 Performance Laboratory
MUS 1011	0 Concert Attendance
MUT 1111	3 Theory I
MUT 1241	1 Theory I, Aural
MVK 1111	1 Class Piano I

* Students may take a piano proficiency test to waive class piano sequence.

Note: Students have the option of taking MUL 4400 Piano Literature I and MUL 4401 Piano Literature II in place of the class piano sequence.

Select 1 Applied Music (1000 Level)
MVB MVJ MVP MUO MVK MWV MVV MVS

Freshman Year Spring Semester (8 credits)

MUN 2XXX	Large Ensemble
MUS 1010	0 Performance Laboratory
MUS 1011	0 Concert Attendance
MUT 1112	3 Theory II
MUT 1242	1 Theory II, Aural
MVK 1112	1 Class Piano II

* Students may take a piano proficiency test to waive class piano sequence.

Select one Applied Music (1000 Level)
MVB MVJ MVP MUO MVK MWV MVV MVS

Sophomore Year Fall Semester (8 credits)

MUN 3XXX	Large Ensemble
MUS 1010	0 Performance Laboratory
MUS 1011	0 Concert Attendance
MUT 2116	3 Theory III
MUT 2246	1 Advanced Aural Theory
MVK 2121	1 Class Piano III

* Students may take a piano proficiency test to waive class piano sequence.

Select one Applied Music (2000 Level)
MVB MVJ MVP MUO MVK MWV MVV MVS

Sophomore Year Spring Semester (8 credits)

MUN 3XXX	Large Ensemble
MUS 1010	0 Performance Laboratory
MUS 1011	0 Concert Attendance
MUT 2117	3 Theory IV
MUT 2247	1 Advanced Aural Theory
MVK 2122	1 Class Piano IV

* Students may take a piano proficiency test to waive class piano sequence.

Select one Applied Music (2000 Level)
MVB MVJ MVP MUO MVK MWV MVV MVS

Junior Year Fall Semester (13 credits)

MUG 3104	2 Basic Conducting
MUH 3211	3 Music History I
MUL 4400	2 Piano Literature I
MUL 4420	3 String Chamber Music Literature
MUL 4451C	3 Wind & Percussion Literature

Junior Year Spring Semester (10 credits)

MUH 2501	3 World Music
MUH 3212	3 Music History II
MUL 4401	2 Piano Literature II
MUL 4602	2 Vocal Literature

Senior Year Fall Semester (2 credits)

MUS 3340	2 Computer Midi Score
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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, Appendix D.



Note: This area is informational only. 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 are exempt from a minor.*

Major: Music Performance
Concentration: Music-Classical Piano
Degree: Bachelor of Music

Prerequisites to the major are outlined in the freshman and sophomore years.

Freshman Year Fall Semester (7 credits)

MUN 2310	1	UNF Chorale (Lower)
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 1111	3	Theory I
MUT 1241	1	Theory I, Aural
MVK 1311	2	Applied Piano

Freshman Year Spring Semester (7 credits)

MUN 2310	1	UNF Chorale (Lower)
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 1112	3	Theory II
MUT 1242	1	Theory II, Aural
MVK 1311	2	Applied Piano

Sophomore Year Fall Semester (8 credits)

MUN 2310	1	UNF Chorale (Lower)
MUN 3453	1	Piano Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 2116	3	Theory III
MUT 2246	1	Advanced Aural Theory
MVK 2321	2	Applied Piano

Sophomore Year Spring Semester (8 credits)

MUN 2310	1	UNF Chorale (Lower)
MUN 3453	1	Piano Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 2117	3	Theory IV
MUT 2247	1	Advanced Aural Theory
MVK 2321	2	Applied Piano

Junior Year Fall Semester (14 credits)

MUG 3104	2	Basic Conducting
MUH 3211	3	Music History I
MUL 4400	2	Piano Literature I
MUN 2510	1	Piano Accompanying
MUN 3453	1	Piano Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MVK 3331	2	Applied Piano

Select three hours of Music Electives 3000/4000 level
MUT MUN MUE MUO MUH MVJ MVK
MVS MVV MVW MVP

Junior Year Spring Semester (15 credits)

Choose three hours of free electives 3000/4000 level
MUH 3212 3 Music History II
MUL 4401 2 Piano Literature II
MUN 2510 1 Piano Accompanying
MUN 3453 1 Piano Ensemble
MUS 1010 0 Performance Laboratory
MUS 1011 0 Concert Attendance
MVK 3331 2 Applied Piano

Select three hours of music electives 3000/4000 level
MUT MUN MUE MUO MUH MVJ MVK
MVS MVV MVW MVP

Senior Year Fall Semester (13 credits)

MUN 3453	1	Piano Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUS 3340	2	Computer Midi Score
MUT 3611	3	Form And Analysis
MVK 3631	2	Piano Pedagogy I
MVK 4341	2	Applied Piano

Select three hours of Music Electives 3000/4000 level
MUT MUN MUE MUO MUH MVJ MVK
MVS MVV MVW MVP

Senior Year Spring Semester (15 credits)

Choose six hours of Free Electives 3000/4000 level
MUH 2501 3 World Music
MUN 3453 1 Piano Ensemble
MUS 1010 0 Performance Laboratory
MUS 1011 0 Concert Attendance
MUS 4970 0 Senior Recital
MUT 4650 2 Composition And Improvisation
MVK 3632 2 Piano Pedagogy II
MVK 4341 2 Applied Piano

Select three hours of Music Electives 3000/4000 level
MUT MUN MUE MUO MUH MVJ MVK
MVS MVV MVW MVP

Major: Music Performance
Concentration: Music-Strings
Degree: Bachelor of Music

Freshman Year Fall Semester (8 credits)

MUN 3413	1	String Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 1111	3	Theory I
MUT 1241	1	Theory I, Aural
MVK 1111	1	Class Piano I

** Students may take a piano proficiency test to waive class piano sequence.*

Select one applied (1000 level)

MVS 1411	Applied Violin I
MVS 1412	Applied Viola I
MVS 1413	Applied Violoncello I
MVS 1314	Applied String Bass I



Freshman Year Spring Semester (8 credits)

MUN 3413	1	String Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 1112	3	Theory II
MUT 1242	1	Theory II, Aural
MVK 1112	1	Class Piano II

* Students may take a piano proficiency test to waive class piano sequence.

Select one applied (1000 level)

MVS 1411	Applied Violin I
MVS 1412	Applied Viola I
MVS 1413	Applied Violoncello I
MVS 1314	Applied String Bass I

Sophomore Year Fall Semester (8 credits)

MUN 3413	1	String Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 2116	3	Theory III
MUT 2246	1	Advanced Aural Theory
MVK 2121	1	Class Piano III

* Students may take a piano proficiency test to waive class piano sequence.

Select one applied (2000 level)

MVS 2421	Applied Violin II
MVS 2422	Applied Viola II
MVS 2423	Applied Violoncello II
MVS 2324	Applied String Bass II

Sophomore Year Spring Semester (8 credits)

MUN 3413	1	String Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 2117	3	Theory IV
MUT 2247	1	Advanced Aural Theory
MVK 2122	1	Class Piano IV

* Students may take a piano proficiency test to waive class piano sequence.

Select one applied (2000 level)

MVS 2421	Applied Violin II
MVS 2422	Applied Viola II
MVS 2423	Applied Violoncello II
MVS 2324	Applied String Bass II

Junior Year Fall Semester (14 credits)

Select one applied (3000 level)

MVS 3431	Applied Violin III	
MVS 3432	Applied Viola III	
MVS 3433	Applied Violoncello III	
MVS 3334	Applied String Bass III	
MUG 3104	2	Basic Conducting
MUH 3211	3	Music History I
MUN 3411	1	String Quartet
MUN 3413	1	String Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MVS 3640	3	String Pedagogy

Select one Advanced Music Theory	
MUS 3340	Computer Midi Score
MUT 3611	Form and Analysis
MUT 4626	20th Century Music Theory
MUT 4650	Composition/Improvisation
MUT 4311	Orchestration

Junior Year Spring Semester (13 credits)

Select one applied (3000 level)

MVS 3431	Applied Violin III	
MVS 3432	Applied Viola III	
MVS 3433	Applied Violoncello III	
MVS 3334	Applied String Bass III	
MUH 3212	3	Music History II
MUL 4420	3	String Chamber Music Literature
MUN 3411	1	String Quartet
MUN 3413	1	String Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance

Select one Advanced Music Theory

(Must be different from above selection)

MUS 3340	Computer Midi Score
MUT 3611	Form and Analysis
MUT 4626	20th Century Music Theory
MUT 4650	Composition/Improvisation
MUT 4311	Orchestration

Senior Year Fall Semester (15 credits)

Select one Applied (4000 level)

MVS 4441	Applied Violin IV
MVS 4442	Applied Viola IV
MVS 4443	Applied Violoncello IV
MVS 4344	Applied String Bass IV

Choose six hours of free electives 3000/4000 Level

* Note: The Music Department recommends taking MVS 3530 String Repertory I as a free elective.

MUH 2501	3	World Music
MUN 3411	1	String Quartet
MUN 3413	1	String Ensemble
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MVS 4441	2	Applied Violin IV

Select one Advanced Music Theory

(Must be different from above selections)

MUS 3340	Computer Midi Score
MUT 3611	Form and Analysis
MUT 4626	20th Century Music Theory
MUT 4650	Composition/Improvisation

Senior Year Spring Semester (13 credits)

Select one Applied (4000 level)

MVS 4441	Applied Violin IV
MVS 4442	Applied Viola IV
MVS 4443	Applied Violoncello IV
MVS 4344	Applied String Bass IV

Choose six hours of Free Electives 3000/4000 level

MUN3411	1	String Quartet
MUN3413	1	String Ensemble



MUS1010 0 Performance Laboratory
 MUS1011 0 Concert Attendance
 MUS4970 0 Senior Recital
 Select one Advanced Music Theory
 (Must be different from above selections)

MUS 3340 Computer Midi Score
 MUT 3611 Form and Analysis
 MUT 4626 20th Century Music Theory
 MUT 4650 Composition/Improvisation

Major: Music Performance
Concentration: Music-Classical Voice
Degree: Bachelor of Music Performance

Prerequisites to the major are outlined in the freshman and sophomore years.

Freshman Year Fall Semester (8 credits)

MUN 2310 1 UNF Chorale (Lower)
 MUS 1010 0 Performance Laboratory
 MUS 1011 0 Concert Attendance
 MUT 1111 3 Theory I
 MUT 1241 1 Theory I, Aural
 MVK 1111 1 Class Piano I

* Students may take a piano proficiency test to waive class piano sequence.

MVV 1311 2 Applied Voice

Freshman Year Spring Semester (8 credits)

MUN 2310 1 UNF Chorale (Lower)
 MUS 1010 0 Performance Laboratory
 MUS 1011 0 Concert Attendance
 MUT 1112 3 Theory II
 MUT 1242 1 Theory II, Aural
 MVK 1112 1 Class Piano II

* Students may take a piano proficiency test to waive class piano sequence.

MVV 1311 2 Applied Voice

Sophomore Year Fall Semester (9 credits)

MUN 2310 1 UNF Chorale (Lower)
 MUS 1010 0 Performance Laboratory
 MUS 1011 0 Concert Attendance
 MUS 2241 1 Italian Diction
 MUT 2116 3 Theory III
 MUT 2246 1 Advanced Aural Theory
 MVK 2121 1 Class Piano III

* Students may take a piano proficiency test to waive class piano sequence.

MVV 2321 2 Applied Voice

Sophomore Year Spring Semester (8 credits)

MUN 2310 1 UNF Chorale (Lower)
 MUS 1010 0 Performance Laboratory
 MUS 1011 0 Concert Attendance
 MUT 2117 3 Theory IV
 MUT 2247 1 Advanced Aural Theory
 MVK 2122 1 Class Piano IV

* Students may take a piano proficiency test to waive class piano sequence.

Junior Year Fall Semester (12 credits)

MUG 3104 2 Basic Conducting
 MUH 3211 3 Music History I
 MUN 3313 1 UNF Chorale (Upper)
 MUS 1010 0 Performance Laboratory
 MUS 1011 0 Concert Attendance
 MUS 2221 1 French Diction
 MVV 3331 2 Applied Voice

Select three hours of Music Electives 3000/4000 Level
 MUT MUN MUE MUO MUH MVJ MVK
 MVS MVV MVW MVP

Junior Year Spring Semester (13 credits)

MUH 3212 3 Music History II
 MUL 4602 2 Vocal Literature
 MUN 3313 1 UNF Chorale (Upper)
 MUO 3503 1 Opera Workshop
 MUS 1010 0 Performance Laboratory
 MUS 1011 0 Concert Attendance
 MUS 2231 1 German Diction
 MVV 3331 2 Applied Voice

Select three hours of Music Electives 3000/4000 Level
 MUT MUN MUE MUO MUH MVJ MVK
 MVS MVV MVW MVP

Senior Year Fall Semester (11 credits)

MUN 3313 1 UNF Chorale (Upper)
 MUS 1010 0 Performance Laboratory
 MUS 1011 0 Concert Attendance
 MUS 3340 2 Computer Midi Score
 MUT 3611 3 Form And Analysis
 MVV 4341 2 Applied Voice

Select three hours of Music Electives 3000/4000 Level
 MUT MUN MUE MUO MUH MVJ MVK
 MVS MVV MVW MVP

Senior Year Spring Semester (15 credits)

MUH 2501 3 World Music
 MUL 4602 2 Vocal Literature
 MUN 3313 1 UNF Chorale (Upper)
 MUO 3503 1 Opera Workshop
 MUS 1010 0 Performance Laboratory
 MUS 1011 0 Concert Attendance
 MUS 4970 0 Senior Recital
 MUT 4650 2 Composition And Improvisation
 MVV 4341 2 Applied Voice

Select three hours of music electives 3000/4000 level
 MUT MUN MUE MUO MUH MVJ MVK
 MVS MVV MVW MVP

Major: Music Performance
Concentration: Music-Woodwinds, Brass, Percussion
Degree: Bachelor of Music Performance

Prerequisites to the major are outlined in the freshman and sophomore years.



Freshman Year Fall Semester (8 credits)

MUN 2140	1	UNF Wind Ensemble (Lower)
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 1111	3	Theory I
MUT 1241	1	Theory I, Aural
MVK 1111	1	Class Piano I

* Students may take a piano proficiency test to waive class piano.

Select one Applied Music (1000 level)

MVB MVJ MVP

Freshman Year Spring Semester (8 credits)

MUN 2140	1	UNF Wind Ensemble (Lower)
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 1112	3	Theory II
MUT 1242	1	Theory II, Aural
MVK 1112	1	Class Piano II

Select one Applied Music (1000 level)

MVB MVJ MVP

Sophomore Year Fall Semester (8 credits)

MUN 2140	1	UNF Wind Ensemble (Lower)
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 2116	3	Theory III
MUT 2246	1	Advanced Aural Theory
MVK 2121	1	Class Piano III

Select one Applied Music (2000 level)

MVB MVJ MVP

Sophomore Year Spring Semester (11 credits)

MUH 2501	3	World Music
MUN 2140	1	UNF Wind Ensemble (Lower)
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 2117	3	Theory IV
MUT 2247	1	Advanced Aural Theory
MVK 2122	1	Class Piano IV

Select one Applied Music (2000 level)

MVB MVJ MVP

Junior Year Fall Semester (16 credits)

MUG 3104	2	Basic Conducting
MUH 3211	3	Music History I
MUN 3143	1	UNF Wind Ensemble (Upper)
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUT 3611	3	Form And Analysis
MVO 4640	3	Wind & Percussion Pedagogy

Select one Applied Music (3000)

MVB MVJ MVP

Take two hours of Free Electives 3000/4000 level

Junior Year Spring Semester (14 credits)

MUH 3212	3	Music History II
MUL 4451C	3	Wind And Percussion Literature
MUN 3143	1	UNF Wind Ensemble (Upper)
MUS 1010	0	Performance Laboratory

MUS 1011	0	Concert Attendance
MUS 3340	2	Computer Midi Score

Select one Applied Music (3000 level)

MVB MVJ MVP

Take three hours of Free Electives 3000/4000 level

Senior Year Fall Semester (12 credits)

Select three Hours of Advanced Music Theory

MUT 4421 18th Century Counterpoint

MUT 4626 20th Century Counterpoint

MUT 4311 Orchestration

Take three hours of Free Electives 3000/4000 level

MUN3143 1 UNF Wind Ensemble (Upper)

MUS1010 0 Performance Laboratory

MUS1011 0 Concert Attendance

Select one Applied Music (4000 level)

MVB MVJ MVP

Senior Year Spring Semester (8 credits)

Select three Hours of Advanced Music theory

MUT 4421 18th Century Counterpoint

MUT 4626 20th Century Counterpoint

MUT 4311 Orchestration

Take two hours of Free Electives 3000/4000 level

MUN 3143 1 UNF Wind Ensemble (Upper)

MUS 1010 0 Performance Laboratory

MUS 1011 0 Concert Attendance

MUS 4970 0 Senior Recital

Select one Applied Music (4000 level)

MVB MVJ MVP

Major: Music Jazz Studies**Degree: Bachelor of Music**

Prerequisites to the major are outlined in the freshman and sophomore years.

Freshman Year Fall Semester (11 credits)

Jazz guitar majors take only two jazz ensembles and six jazz guitar ensembles.

MUT 1111 3 Theory I

MUT 1241 1 Theory I, Aural

MV- 1XXX Applied Music

MUN 2123 Concert Band

MVK 1111 1 Class Piano I

* Students may take a piano proficiency test to waive class piano sequence.

MUN 2710 1 Jazz Ensemble-Lower Level

MUT 1361 2 Jazz Fundamentals I

MUS 1010 0 Performance Laboratory

MUS 1011 0 Concert Attendance

Freshman Year Spring Semester (11 credits)

MUT 1112 3 Theory II

MUT 1242 1 Theory II, Aural

MV- 1XXX Applied Music

MUN 2123 Concert Band

MVK 1112 1 Class Piano II



* Students may take a piano proficiency test to waive class piano sequence.

MUN 2710	1	Jazz Ensemble-Lower Level
MUT 1362	2	Jazz Fundamentals II
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance

Sophomore Year Fall Semester (11 credits)

MUT 2116	3	Theory III
MUT 2246	1	Advanced Aural Theory
MV- 2XXX		Applied Music
MUN 2710	1	Jazz Ensemble-Lower Level
MVK 2121	1	Class Piano III

* Students may take a piano proficiency test to waive class piano sequence.

MUT 3641	2	Jazz Improvisation I
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MVJ 1010	1	Jazz Piano I

Sophomore Year Spring Semester (11 credits)

MUT 2117	3	Theory IV
MUT 2247	1	Advanced Aural Theory
MV- 2XXX		Applied Music
MVK 2122	1	Class Piano IV

* Students may take a piano proficiency test to waive class piano sequence.

MUN 2710	1	Jazz Ensemble-Lower Level
MUT 3642	2	Jazz Improvisation II
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MVJ 1210	1	Jazz Piano II

Junior Year Fall Semester (15 credits)

MUN 4714	1	Jazz Combo (Small Group)
MUN 3713	1	Jazz Ensemble
MV- 3XXX		Applied Music
MUT 3643	2	Jazz Improvisation III
MUH 3211	3	Music History I
MUT 4365	3	Jazz Arranging I
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUM 3701	3	The Music Business

Junior Year Spring Semester (12 credits)

The department recommends taking a Cultural Diversity for General Education requirements.

MUN 4714	1	Jazz Combo (Small Group)
MUN 3713	1	Jazz Ensemble
MV- 3XXX		Applied Music
MUT 3644	2	Jazz Improvisation IV
MUH 3212	3	Music History II
MUT 4366	3	Jazz Arranging II
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance

Senior Year Fall Semester (12 credits)

The department recommends taking a Natural Science with lab for General Education Requirements.

MV- 4XXX		Applied Music
MUT 4663	2	Jazz Styles And Analysis I
MUG 3104	2	Basic Conducting
MUS 3340	2	Computer Midi Score
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance

Select three hours Music Electives 3000/4000 level
 MUS MUT MUN MUE MUG MUO MUH MUM MVB
 MVJ MVK MVS MVV MVW
 MUN 3713 1 Jazz Ensemble

Senior Year Spring Semester (8 credits)

The department recommends taking a Natural Science and Philosophy for General Education requirements.

MV- 4XXX		Applied Music
MUT 4664	2	Jazz Styles And Analysis II
MUS 1010	0	Performance Laboratory
MUS 1011	0	Concert Attendance
MUS 4970	0	Senior Recital

Select four hours of music electives 3000/4000 level
 MUS MUT MUN MUE MUG MUO MUH MUM MVB
 MVJ MVK MVP MVS MVV MVW

Minors in the Department of Music

Minor: Music History (15 credits)

A minimum of 50 percent of the courses required for the minor must be taken at UNF. Courses with lower level numbers may be used in the minor, but a minimum of nine credit hours of upper level courses is required for the music minor. A grade of "C" or above is required for all minor courses. Not available to music majors.

Select five Music History electives

MUH 2012	Enjoyment of Music
MUH 2018	The Evolution of Jazz
MUH 2015	American Music: Past & Present
MUH 2017	The History & Appreciation of Rock
MUH 3055	African American Musical Heritage
MUS 3930	Great Composers
MUS 3930	The Gospel Truth
MUM 3701	Music Business
HUM 3524	Great Age of Vienna

Department of Philosophy

Hans-Herbert Kögler, Associate Professor & Chair

David E. W. Fenner, Professor

A. David Kline, Professor

Andrew Buchwalter, Associate Professor

Julie J. Ingersoll, Associate Professor, Religious Studies

Laura L. Ammon, Assistant Professor, Religious Studies

Daniel J. Callcut, Assistant Professor

Jennifer A. Fisher, Assistant Professor



Mitchell R. Haney, Assistant Professor
Aliss Hurwitz Swota, Assistant Professor
Rico L. Vitz, Assistant Professor
Elizabeth Kanon, Visiting Assistant Professor
Murray Skees, Visiting Assistant Professor
Jason Zinser, Visiting Assistant Professor
 (904) 620-1330

Literally the love of wisdom, philosophy is the passionate pursuit of insight, guided by an open and critical spirit of inquiry. Philosophy courses, which are open to all students, teach us to appreciate classical writings that address our deepest questions, to identify unexamined assumptions, to evaluate the ideas and norms that motivate intellectual inquiry, and to participate intelligently and responsibly in significant debates of our times. UNF offers a B.A. in philosophy. Students study the main developments and traditions in the history of philosophy; 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. The program provides a faculty mentor to guide each and every philosophy major.

Areas of faculty expertise include aesthetics, American philosophy, ancient Greek philosophy, early modern philosophy, Asian and comparative philosophy, biotechnical ethics, classical German philosophy, contemporary European philosophy, environmental philosophy, epistemology, ethics, applied ethics, feminist theory, logic, metaphysics, philosophy of language, philosophy of religion, philosophy of science, pragmatism, and social, political and legal philosophy.

Introductory courses (Contemporary Ethical Issues, Introduction to Philosophy, and Reasoning and Critical Thinking) partially meet UNF General Education requirements and Gordon Rule writing requirements, and serve as a foundation for more advanced and specialized courses.

Required courses in philosophy are offered every year.

Further information on course offerings and other aspects of the program can be obtained by consulting the Department's website at www.unf.edu/coas/philosophy.

B.A. in Philosophy

To assist philosophy majors both in focusing their programs of study and in better relating their studies to career objectives, the department permits students to group their elective courses around six programs of emphasis or tracks, which are reflected on a student's transcript and diploma. Except for Track 1 General Philosophical Studies, all tracks represent a specific

subfield of philosophy. Students are under no obligation to select a particular track; those who make no selection will automatically be assigned to Track 1. Students in any track must still complete all courses required for the major. Students in Track 1 are free to select their 15 elective credit hours from any courses offered by the program; those in the other tracks must take at least 12 of their 15 elective hours in a particular track, and may take an additional three-hour elective in any other area.

Major: Philosophy

Concentration: General Philosophical Studies

Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements

(15 credits)

Requires grades of "C" or higher

PHH 3100	3	Ancient Philosophy
PHH 3400	3	Modern Philosophy
PHI 3601	3	Ethics
PHI 3130	3	G(M) Symbolic Logic

Or take another Logic course PHI (3000/4000)

PHI 4935	3-4	Philosophy Seminar
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Major Electives

(15 credits)

Students in the general philosophical studies track are free to select major electives from any philosophy courses offered by the program. A minimum of six hours must be taken at the 4000 level. No more than 15 hours of transfer credit may be used. Only three hours of PHI 4905 may be used in the major. Grades of "C" or higher required in courses used toward the major. PHI 3120 The Greek Experience, PHI 3071 The Japanese Mind and PHI 3930 Germany Today or other foreign culture courses may not be used as electives in the philosophy major.



Select three courses at 3000 level
PHH/PHI/PHM/PHP
Select two courses at 4000 level
PHH/PHI/PHM/PHP

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000
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).

Major: Philosophy Concentration: Philosophy Advanced Studies Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language
Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option
Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (15 credits)

Requires grades of "C" or higher

PHH 3100	3	Ancient Philosophy
PHH 3400	3	Modern Philosophy
PHI 3601	3	Ethics
PHI 3130	3	G(M) Symbolic Logic

Or take another Logic course PHI (3000/4000)
PHI 4935 3-4 Philosophy Seminar

Major Electives (15 credits)

Select 12 hours from the following track courses. The remaining three hours may be selected from the track or any other approved philosophy course except foreign culture.

No more than 15 hours of transfer credit may be used. Only three hours of PHI 4905 may be used in the major. Grades of "C" or higher required in courses used toward the major.

PHI 3120 The Greek Experience, PHI 3071 The Japanese Mind and PHI 3930 Germany Today or other foreign culture courses may not be used as electives in the philosophy major.

Select four from the following:

PHH 4121	Ancient Greek Ethics
PHI 4220	Philosophy of Language
PHI 4300	Epistemology
PHI 4320	Philosophy of Mind
PHI 4400	Philosophy of Science
PHI 4420	Philosophy of the Social Sciences
PHI 4453	Philosophy of Psychiatry
PHI 4500	Metaphysics
PHI 4930	Topics in Philosophy
PHM 4340	Contemporary Political Philosophy
PHP 4410	Kant
PHP 4782	Phenomenology

Select one additional 3000/4000 course
PH/PHI/PHM/PHP

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000
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).

Major: Philosophy
Concentration: Historical & Comparative Studies
Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (15 credits)

Requires grades of "C" or higher

PHH 3100	3	Ancient Philosophy
PHH 3400	3	Modern Philosophy
PHI 3601	3	Ethics
PHI 3130	3	G(M) Symbolic Logic

Or take another Logic course PHI (3000/4000)

PHI 4935	3 -4	Philosophy Seminar
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Major Electives (15 credits)

Select 12 hours from the following track courses. The remaining three hours may be selected from the track or any other approved philosophy course except foreign culture courses. At least six hours of electives must be at the 4000 level. No more than 15 hours of transfer credit may be used. Only three hours of PHI 4905 may be used in the major. Grades of "C" or higher required in courses used toward the major.

PHI 3120 The Greek Experience, PHI 3071 The Japanese and PHI 3930 Germany Today or other foreign culture courses may not be used as electives in the philosophy major.

Select four from the following:

PHI 3664	Ethics East & West
PHI 3930	Special Topics: Philosophy
PHI 3931	Special Topics: East/West
PHI 3935	Special Topics: Ancient Philosophy
PHI 4930	Special Topics: Philosophy
PHI 4905	Directed Individual Study
PHH 3104	Socrates & Sophists
PHH 3500	19th Century Philosophy
PHH 3811	Philosophy/Zen Buddhism
PHH 3820	(FC) Chinese Philosophy

PHH 4121	Ancient Greek Ethics
PHH 4601	20th Contemporary Philosophy
PHH 4620	20th Century Philo Anglo-American Tradition
PHM 3500	Philosophy of History
PHP 3700	Pragmatism

Select one additional 3000/4000 course
PHH/PHI/PHM/PHP

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

Major: Philosophy
Concentration: Legal-Political-Social Studies
Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (15 credits)

Requires grades of "C" or higher

PHH 3100	3	Ancient Philosophy
PHH 3400	3	Modern Philosophy



PHI 3601 3 Ethics
 PHI 3130 3 G(M) Symbolic Logic
 Or take another Logic course PHI (3000/4000)
 PHI 4935 3-4 Philosophy Seminar

Major Electives (15 credits)

Select 12 hours from the following track courses. The remaining three hours may be selected from the track or any other approved philosophy course except foreign culture courses. At least six hours of electives must be at the 4000 level. No more than 15 hours of transfer credit may be used. Only three hours of PHI 4905 may be used in the major. Grades of "C" or higher required in courses used toward the major.

PHI 3120 The Greek Experience, PHI 3071 The Japanese and PHI 3930 Germany Today or other foreign culture courses may not be used as electives in the philosophy major.

Select four from the following:

- PHI 3632 Ethics of Sex & Gender
- PHI 3670 Moral Conflict
- PHI 3930 ST: Philosophy
- PHI 4420 Philosophy of Social Sciences
- PHI 4905 Directed Individual Study
- PHI 4930 Topics in Philosophy
- PHM 3050 Ethical Issues/Death & Dying
- PHM 3100 Social Philosophy
- PHM 3304 Political Philosophy
- PHM 3361 Philosophy of Democracy
- PHM 3400 Philosophy of Law
- PHM 4340 Contemporary Political Philosophy

Select one additional 3000/4000 course
 PHH/PHI/PHM/PHP

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000
 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).

Major: Philosophy
Concentration: Literary & Cultural Studies
Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (15 credits)

Requires grades of "C" or higher

- PHH 3100 3 Ancient Philosophy
- PHH 3400 3 Modern Philosophy
- PHI 3601 3 Ethics
- PHI 3130 3 G(M) Symbolic Logic
- or take another Logic course PHI (3000/4000)
- PHI 4935 3-4 Philosophy Seminar

Major Electives (15 credits)

Select 12 hours from the following track courses. The remaining three hours may be selected from the track or any other approved philosophy course except foreign culture courses. At least six hours of electives must be at the 4000 level. No more than 15 hours of transfer credit may be used. Only three hours of PHI 4905 may be used in the major. Grades of "C" or higher required in courses used toward the major.

PHI 3120 The Greek Experience, PHI 3071 The Japanese and PHI 3930 Germany Today or other foreign culture courses may not be used as electives in the philosophy major.

Select four from the following:

- PHI 3643 Ethics & Literature
- PHI 3684 The Art of Living
- PHI 3700 Philosophy of Religion
- PHI 3800 Aesthetics
- PHI 3880 Philosophy of Film
- PHI 3881 Philosophy of Music
- PHI 3930 Special Topics: Philosophy
- PHI 3931 Special Topics: East & West
- PHI 4220 Philosophy of Language
- PHI 4930 Topics in Philosophy
- PHH 3811 Philosophy of Zen Buddhism



PHM 3020 Philosophy of Love & Sex
PHP 3786 Existentialism

Select one additional 3000/4000 course
PHH/PHI/PHM/PHP

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

Major: Philosophy

Concentration: Studies in Applied Ethics
Degree: Bachelor of Arts

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (15 credits)

Requires grades of "C" or higher

PHH 3100	3	Ancient Philosophy
PHH 3400	3	Modern Philosophy
PHI 3601	3	Ethics
PHI 3130	3	G(M) Symbolic Logic

Or take another Logic course PHI (3000/4000)
PHI 4935 3-4 Philosophy Seminar

Major Electives (15 credits)

Select 12 hours from the following track courses. The remaining three hours may be selected from the track or any other approved philosophy course except foreign culture courses. At least six hours of electives must be at the 4000 level. No more than 15 hours of transfer credit may be used. Only three hours of PHI 4905 may be used in the major. Grades of "C" or higher required in courses used toward the major.

PHI 3120 The Greek Experience, PHI 3071 The Japanese Mind and PHI 3930 Germany Today or other foreign culture courses may not be used as electives in the philosophy major.

Select four from the following:

PHI 3633	Bioethics
PHI 3640	Environmental Ethics
PHI 3641	Business Ethics
PHI 3670	Moral Conflict
PHI 3684	The Art of Living
PHI 3930	ST: Philosophy
PHI 4453	Philosophy of Psychiatry
PHI 4905	Directed Individual Study
PHI 4930	Topics in Philosophy
PHM 3050	Ethical Issues/Death & Dying
PHM 3100	Social Philosophy
PHM 3304	Political Philosophy
PHM 3400	Philosophy of Law

Select one additional 3000/4000 course
PHH/PHI/PHM/PHP

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).



Minors in Department of Philosophy

The Department of Philosophy offers four minors: one in philosophy generally and three others in subfields tailored to specific interests or career objectives. All are 15 credit hours.

Minor: Philosophy (15 credits)

Of the total 15 hours for the minor, 12 must be upper level. A minimum of 6 credit hours in philosophy must be taken at UNF. Six credit hours may be transferred towards the minor. A grade of "C" or better is required for all minor courses.

Germany Today, The Japanese Mind, and The Greek Experience can not be used as part of the philosophy minor.

Select five philosophy electives (3000/4000)
PHI PHH PHM PHP

Minor: Culture and Philosophy (15 credits)

Of the total 15 hours for the minor, 12 must be upper level. A minimum of six credit hours in philosophy must be taken at UNF. Six credit hours may be transferred towards the minor. A grade of "C" or better is required for all minor courses.

Germany Today, The Japanese Mind, and The Greek Experience cannot be used as part of the minor.

PHI3800 3 Aesthetics
Select four courses from the following:
PHI 3880 Philosophy of Film
PHI 3643 Ethics & Literature
PHI 3700 Philosophy of Religion
PHI 3881 Philosophy of Music
PHI 3930 ST: Philosophy
PHI 3931 East & West: Special Topics
PHH 3811 Philosophy of Zen Buddhism
PHM 3020 Philosophy of Love & Sex
PHP 3786 Existentialism
PHI 3684 The Art of Living

Minor: Law and Philosophy (15 credits)

Of the total 15 hours for the minor, 12 must be upper level. A minimum of six credit hours in philosophy must be taken at UNF. Six credit hours may be transferred towards the minor. A grade of "C" or better is required for all minor courses.

Germany Today, The Japanese Mind, and The Greek Experience cannot be used as part of the minor.

Select one of the following:
PHI 3601 Ethics
PHM 3304 Political Philosophy
Select four from the following:
PHI 3632 Ethics of Sex & Gender
PHI 3670 Moral Conflict
PHI 3930 Special Topics: Philosophy

PHM 3050 Ethical Issues in Death & Dying
PHM 3100 Social Philosophy
PHM 3361 Philosophy of Democracy
PHM 3400 Philosophy of Law
PHM 4340 Contemporary Political Philosophy

Minor: Studies in Applied Ethics (15 credits)

Of the total 15 hours for the minor, 12 must be upper level. A minimum of six credit hours in philosophy must be taken at UNF. Six credit hours may be transferred towards the minor.

Germany Today, The Japanese Mind, and The Greek Experience cannot be used as part of the minor.

PHI 3601 3 Ethics
Select one from the following:
PHM 3100 Social Philosophy
PHM 3304 Political Philosophy
Select three from the following:
PHI 3633 Bioethics
PHI 3640 Environmental Studies
PHI 3641 Business Ethics
PHI 3930 Special Topics: Philosophy
PHI 4453 Philosophy of Psychiatry
PHM 3400 Philosophy of Law
PHI 4930 Topics in Philosophy
PHM 3050 Ethical Issues in Death & Dying
PHI 3684 The Art of Living
PHI 3670 Moral Conflict

Religious Studies Minor

Religious Studies is a multi-disciplinary effort to examine the phenomenon known as religion in an impartial, academic manner. Religious Studies scholars compare aspects of the variety of the world's religions, they ask philosophical questions about the nature of religion, and they explore the relationship between religions and the larger cultural context in which religions are found. Religious Studies teaches students to engage and understand world views different from their own. This not only broadens the students' perspectives, but it also provides skills useful in the global context in which we live. As an undergraduate minor, Religious Studies contributes to a student's grounding in the classical liberal arts. It focuses on clear thinking and writing, and it teaches students to ask insightful questions and see the world through the eyes of others. The minor requires 15 hours, including two required courses and three approved electives.

Minor: Religious Studies (15 credits)

A grade of "C" or better is required for all minor courses. Only three credit hours of lower level course work may be used in the minor. At minimum of six credit hours of upper level course work must be taken at UNF. Nine credit hours may be transferred in to the minor.

REL 2300 3 CD-Comparative Religion
REL 3102 3 CD- Religion as Culture

Select three from the following:

- ANT 2990 Magic, Religion, & Science
- ANT 4241 Anthropology of Religion
- ANT 4931 Special Topics: Pilgrims/Sacred Ground
- ANT 4931 Special Topics: Comparative Islamic Cul.
- LIT 3408 Approaches to Literature: Myth
- LIT 3930 Special Topics: Problem of Evil
- AMH 3932 Spec. Topics: Religion in Antebellum US
- PHI 3700 Philosophy of Religion
- PHH 3811 The Philosophy of Zen Buddhism
- REL 3012 Myths & Rituals
- REL 3120 Religion in America
- REL 3127 Religion & the Courts
- REL 3101 Religion & Popular Culture
- REL 4900 Directed Independent Study
- REL 3145 Women & Religion: The Western Exp.
- REL 3148 Religion & Violence
- REL 3213 Hebrew Bible/Old Testament
- REL 3241 New Testament
- REL 3293 Selected Topics: Biblical/Scriptural Studies
- REL 3310 Asian Religions
- REL 3330 Religions of India
- REL 3420 20th Century Religious Thought
- REL 3421 Studies in Comtemp Religious Thought
- REL 3505 History of Christian Thought
- REL 3607 Selected Topics in Jewish Studies
- REL 3930 Selected Topics: History of Religion
- REL 3936 Selected Topics: Religious Thought

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 chairperson at (904) 620-1330.

Blue Cross and Blue Shield of Florida Center for Ethics, Public Policy, and the Professions

The Center for Ethics, Public Policy and the Professions at the University of North Florida fosters deliberation on ethical issues as they emerge in public and professional life. The Center is dedicated to facilitating the application of moral reasoning to questions of ethics and values as faced by policy makers, researchers, and professional practitioners in the areas of health care,

law, business, engineering, education, government, and public life generally. The Center contributes to regional, national, and international discussions of these matters through research, education, community outreach, and professional ethics consultation. Affiliated with the Philosophy Department of UNF's College of Arts and Sciences (COAS), the Center draws on the expertise of scholars in this and other COAS departments. The Center also works in cooperation with UNF's professional colleges: Brooks College of Health; Coggin College of Business; Education and Human Services; and Computing, Engineering, and Construction. It is associated with the Northeast Florida Bioethics Forum. Further information can be obtained from the director at (904) 620-1703 or by consulting the Center's Web site at www.unf.edu/coas/philosophy/center.htm.

Department of Political Science and Public Administration

Matthew T. Corrigan, Associate Professor & Chair

Mary O. Borg, Professor

Anne H. Hopkins, Professor

Ronald T. Libby, Professor

J. Patrick Plumlee, Associate Professor & M.P.A.
Director

David M. Schwam-Baird, Associate Professor

Henry B. Thomas, Associate Professor, Director,
The Florida Center for Public & International
Policy

Pamela A. Zeiser, Associate Professor

Hyunsun Choi, Assistant Professor

Paul G. Harwood, Assistant Professor & Director,
Public Opinion Research Laboratory

Kyle A. Scott, Assistant Professor

William R. Voorhees, Assistant Professor

Darren A. Wheeler, Assistant Professor

Martin I. Edwards, Senior Instructor, Pre-Law
Director
(904) 620-2977

The mission of the Department of Political Science and Public Administration is to serve the State of Florida through excellent educational opportunities involving outstanding teaching, quality research, and effective civic engagement. The department focuses its resources to provide both undergraduate and graduate students with the knowledge, skills, and abilities for understanding, participating in, and managing the institutions, processes, and behaviors characteristic of national and international politics and public affairs. With excellent instruction as the highest priority, the department also supports extensive interaction with external constituencies through local, regional, state, and national professional service, and applied and theoretical research. The department is dedicated to maintaining program effectiveness for both students and community partners through continuous self-assessment and improvement.



The Department of Political Science and Public Administration offers a bachelor's degree program in political science (see description following). The department also offers minors in political science and public administration. These minors may be taken with a student's major program; students should consult with their advisor. Finally, the department offers a graduate degree program in public administration.

Public Opinion Research Laboratory **Dr. Paul Harwood**, Faculty Director

The Public Opinion Research Laboratory (PORK) at the University of North Florida offers survey research services for government agencies, non-profits, the private sector and academic researchers. Services include consulting, questionnaire design, coding, data collection (Internet, mail, telephone [CATI], field); focus groups, and data analysis. The Lab is used for instruction, research, and public service.

The Florida Center for Public & International Policy **Henry B. Thomas**, Executive Director

The Florida Center for Public & International Policy provides high quality programs and services to meet the needs of Florida's government and non-profit service sectors. The Center's programs in public service will include citizenship initiatives across international, national, regional and local levels. The FCPIP works in three major policy areas, including:

- a) partnerships, emphasizing the University's role in training or cultivating citizens in leadership education,
- b) public policy initiatives, including governmental research, training and organizational development, surveys and evaluations, and
- c) international affairs access and education initiatives, including internal affairs education, and the creation of partnerships with a global perspective.

B.A. 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 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, public administration and urban planning. 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. Two minors, political science and public administration are available within the department. The department also offers a master of public administration degree. **Majors must have a grade of "C" or better in each core course, and a minimum GPA of 2.0 in major elective courses.**

Political Science majors choose one of five tracks to organize their Major Elective credits. The tracks allow students to focus on one of the subfields of political science (American Politics, International Relations/Comparative Politics, Public Administration and Public Policy, and Public Law) or to choose General Political Science. Once students choose their track, they choose four courses from the list of electives within each track. Those students choosing the General Political Science track may choose electives from a comprehensive list of courses including all those available under the other tracks. The remaining free electives may be selected from any track or any other approved political science course except the foreign culture courses.

Major: Political Science **Concentration: General Political Science** **Degree: Bachelor of Arts**

Prerequisites **(6 credits)**

Requires grades of "C" or above.

Select two Intro Political Science Courses

Any two Introductory Political Science courses with POS, CPO, or INR prefixes can be used

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of



taking nine hours of foreign culture courses instead of eight 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.

Core Requirements (18 credits)

Requires grades of "C" or above.

POS 3713 3 Political Inquiry And Analysis
POT 3003 3 Political Thought And Action
PAD 4003 3 Public Administration
POS 4930 3 Senior Seminar: Political Sci
Offered fall and spring only
Prerequisites: POS 3713, POT 4003, PAD 4003 and senior status

Select one course (3000/4000 level)

POS 3413 American Presidency
POS 3424 Congress & the Legislative Process
POS 3691 The American Legal System

Select one course (3000/4000 level)

CPO 4014 Comp. Pol.: Framework for Analysis
INR 4603 International Relations: Framework for Analysis
INR 4703 Int'l Political Economy

Major Electives (12 credits)

Select courses that have not been used in the above areas.

Select four from the following:

CPO 3123 (FC) Politics & Society in Britain/Ireland
CPO 3213 (FC) Pol. & Soc. in Sub-Saharan Africa
CPO 3151 (FC) Politics & Society in France
CPO 3351 (FC) Politics & Society in Brazil
CPO 3643 (FC) Politics & Society in Russia
CPO 4014 Framework Analysis in Comp. Politics
CPO 4034 Third World Politics
CPO 4774 Comparative Politics in Communication
CPO 4930 Special Topics: Comparative Politics
INR 3084 Terrorism Today
INR 3016 Global Issues in Contemporary Politics
INR 3443 International Law & Organization
INR 4334 Amer. Def. in the Age of Mass Destruction
INR 4435 North Ireland Peace Process
INR 4603 Framework Analysis in Int'l Relations
INR 4703 International Political Economy
PAD 4027 Issues in Public Management
PAD 4832 Issues in Comp. Public Admin.
POS 3XXX Medical Politics & Policy
POS 3114 Issues in State & Local Government
POS 3142 Politics & Policy in Urban Government
POS 3235 Government & Mass Media
POS 3413 American Presidency
POS 3424 Congress & the Legislative Process
POS 3444 Parties, Campaigns & Elections
POS 3606 US Supreme Courts & Other Federal Courts
POS 3679 Mock Trial
POS 3691 American Legal System
POS 3931 ST: Politics

POS 4033 Controversial Political Issues
POS 4167 Urban Policy & Planning
POS 4173 Southern Politics
POS 4233 Public Opinion & Interest Groups
POS 4463 Interest Groups & American Democracy
POS 4608 Constitutional Law: Power & Restraint
POS 4624 Const. Law: Civil Rights & Liberties
POS 4905 Directed Individual Study
POS 4932 ST: Politics & Public Administration
POS 3615 Soul of the Court
POS 3676 Great American Trials
POS 4093 Politics of the War on Drugs
POS 4945 Practicum: Legislative
POT 3515 Good & Evil Political Perspective
POT 3075 American Politics & Popular Culture
POT 4314 Democratic Theory
PUP 3053 American Political Economy
PUP 4003 Policy Making Process
PUP 4506 Evolution, Society, & Politics
PUP 4518 Information Technology & Politics
PUP 4612 Politics of Social Programs

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

Major: Political Science Concentration: American Politics Degree: Bachelor of Arts

Prerequisites (6 credits)

Requires grades of "C" or above.

Select two Intro Poli Science Courses

Any two Introductory Political Science courses with POS, CPO, or INR prefixes can be used.

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring. FC Foreign Culture Option.

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

POS 4945 Practicum: Legislative
POT 3075 American Politics & Popular Culture
PUP 3053 American Political Economy
PUP 4518 Information Technology & Politics

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Core Requirements (18 credits)

Requires grades of "C" or above.

POS 3713 3 Political Inquiry And Analysis
POT 3003 3 Political Thought And Action
PAD 4003 3 Public Administration
POS 4930 3 Senior Seminar: Political Sci
Offered fall and spring only
Prerequisites: POS 3713, POT 4003, PAD 4003 and senior status

Select one course (3000/4000 level)

POS 3413 American Presidency
POS 3424 Congress & the Legislative Process
POS 3691 The American Legal System

Select one course (3000/4000 level)

CPO 4014 Comp. Pol.: Framework for Analysis
INR 4603 Int'l Relations: Framework for Analysis
INR 4703 International Political Economy

Major Electives (12 credits)

Select courses that have not been used in the above areas.

Select four from the following:

INR 3084 Terrorism Today
INR 4334 Amer. Def. in the Age of Mass Destruction
POS 3114 Issues in State & Local Government
POS 3142 Politics & Policy in Urban Government
POS 3235 Government & Mass Media
POS 3413 The American Presidency
POS 3424 Congress & the Legislative Process
POS 3444 Parties, Campaigns & Elections
POS 3606 U.S. Supreme Court & Other Fed Courts
POS 3679 Mock Trial
POS 3691 The American Legal System
POS 3931 Special Topics: Politics
POS 3676 Great American Trials
POS 3615 Soul of the Court
POS 4033 Controversial Political Issues
POS 4173 Southern Politics
POS 4233 Public Opinion & Interest Groups
POS 4463 Interest Groups & American Democracy
POS 4608 Constitutional Law
POS 4624 Const. Law: Civil Rights & Liberties
POS 4905 Directed Individual Study
POS 4932 Special Topics: Pol. & Public Admin.

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

Major: Political Science Concentration: International Relations/ Comparative Politics Degree: Bachelor of Arts

Prerequisites (6 credits)

Requires grades of "C" or above.

Select two Introductory Political Science Courses

Any two Introductory Political Science courses with POS, CPO, or INR prefixes can be used

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring. FC Foreign Culture Option

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Core Requirements (18 credits)

Requires grades of "C" or above.

- POS 3713 3 Political Inquiry And Analysis
- POT 3003 3 Political Thought And Action
- PAD 4003 3 Public Administration
- POS 4930 3 Senior Seminar: Political Science

Offered fall and spring only

Prerequisites: POS 3713, POT 4003, PAD 4003 and senior status

Select one course (3000/4000 level)

- POS 3413 American Presidency
- POS 3424 Congress & the Legislative Process
- POS 3691 The American Legal System

Select one course (3000/4000 level)

- CPO 4014 Comp. Pol.: Framework for Analysis
- INR 4603 Int'l Relations: Framework for Analysis
- INR 4703 International Political Economy

Major Electives (12 credits)

Select courses that have not been used in above areas.

Select four from the following:

- CPO 3123 (FC) Politics & Society in Britain/Ireland
- CPO 3151 (FC) Politics & Society in France
- CPO 3351 (FC) Politics & Society in Brazil
- CPO 3643 (FC) Politics & Society in Russia
- CPO 3213 (FC) Pol. & Soc. in Sub-Saharan Africa
- CPO 4014 Framework Analysis for Comp. Politics
- CPO 4034 Third World Politics
- CPO 4774 Comparative Politics in Communications
- CPO 4930 Special Topics: Comparative Politics
- INR 3016 Global Issues in Contemporary Politics
- INR 3084 Terrorism Today
- INR 3443 International Law & Organization
- INR 4334 Amer. Def. in the Age of Mass Destruction
- INR 4435 North Ireland Peace Process
- INR 4603 Framework Analysis for Int'l Relations
- INR 4703 International Political Economy
- PAD 4832 Issues in Comparative Public Admin
- POS 3931 ST: Political Science
- POS 4905 Directed Individual Study
- POS 4932 ST: Political Science/Public Admin
- POS 4945 Practicum: Legislative
- PUP 4506 Evolution, Society, & Politics
- PUP 4518 Information Technology & Politics

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, Appendix D.

Note: This area is informational only.

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 are exempt from a minor.*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

**Major: Political Science
 Concentration: Public Law
 Degree: Bachelor of Arts**
Prerequisites (6 credits)

Requires grades of "C" or above.

Select two Intro Poli Science Courses

Any two Introductory Political Science courses with POS, CPO, or INR prefixes can be used.

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Core Requirements (18 credits)

Requires grades of "C" or above.

- POS 3713 3 Political Inquiry And Analysis
- POT 3003 3 Political Thought And Action
- PAD 4003 3 Public Administration
- POS 4930 3 Senior Seminar: Political Sci

Offered fall and spring only

Prerequisites: POS 3713, POT 4003, PAD 4003 and senior status

Select one course (3000/4000 level)

- POS 3413 American Presidency
- POS 3424 Congress & the Legislative Process
- POS 3691 The American Legal System

Select one course (3000/4000 level)

- CPO 4014 Comp. Pol.: Framework for Analysis
- INR 4603 Int'l Relations: Framework for Analysis
- INR 4703 International Political Economy

Major Electives (12 credits)

Select courses that have not been used in the above areas.

Select four from the following:



POS 3606	US Supreme Courts & Other Fed Courts
POS 3679	Mock Trial
POS 3691	American Legal System
POS 3931	ST: Politics
POS 3676	Great American Trials
POS 3615	Soul of the Court
POS 4608	Constitutional Law: Power & Restraint
POS 4624	Const. Law: Civil Rights & Liberties
POS 4905	Directed Individual Study
POS 4932	ST: Politics & Public Administration
POS 4945	Practicum: Legislative

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

Major: Political Science

Concentration: Public Admin/Public Policy

Degree: Bachelor of Arts

Prerequisites (6 credits)

Requires grades of "C" or above.

Select two Intro Poli Science courses with POS, CPO, or INR prefixes can be used.

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Core Requirements (18 credits)

Requires grades of "C" or above.

POS 3713 3 Political Inquiry And Analysis

POT 3003 3 Political Thought And Action

PAD 4003 3 Public Administration

POS 4930 3 Senior Seminar: Political Sci

Offered fall and spring only

Prerequisites: POS 3713, POT 4003, PAD 4003 and senior status

Select one course (3000/4000 level)

POS 3413 American Presidency

POS 3424 Congress & the Legislative Process

POS 3691 The American Legal System

Select one course (3000/4000 level)

CPO 4014 Comp. Pol.: Framework for Analysis

INR 4603 Int'l Relations: Framework for Analysis

INR 4703 International Political Economy

Major Electives (12 credits)

Select courses that have not been used in the above areas.

Select four from the following:

INR 3084 Terrorism Today

PAD 4027 Issues in Public Management

PAD 4832 Issues in Comparative Public Admin

POS 3114 Issues in State & Local Government

POS 3142 Politics & Policy in Urban Government

POS 3931 ST: Politics

POS 4167 Urban Policy & Planning

POS 4905 Directed Individual Study

POS 4932 ST: Politics & Public Administration

POS 4093 Politics of the War on Drugs

POS 4945 Practicum: Legislative

PUP 3053 American Political Economy

PUP 4003 Policy Making Process

PUP 4506 Evolution, Society, & Politics

PUP 4612 Politics of Social Programs

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)*

Free Electives (7 credits)

Select seven hours free electives 3000/4000

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).

30-Hour Fast Track Option in Master of Public Administration

A Fast Track leading to the Master of Public Administration is available to UNF students with an earned Bachelor of Arts in Political Science and an undergraduate minor in Public Administration. Students must declare their intent to enroll in this Fast Track Option prior to the senior year. Eligible students must have an earned GPA of 3.0 or higher. Students will be able to successfully finish the Master of Public Administration degree upon completing only 33 credit hours of graduate work. Continuation towards the M.P.A. program requires: a GPA of 3.0 at the undergraduate level; completion of the B.A. in Political Science with a minor in Public Administration; a GRE Verbal and Quantitative total score of 1000, or a combined GPA x 400 plus Verbal and Quantitative GRE scores = 2200; and, completion of PAD 4003, PAD 4027, and PAD 4167 with a 3.0 in each of these courses. If the required GPA/GRE scores are not maintained while enrolled as an undergraduate, then the regular application and acceptance procedures for admission into the 42 hour M.P.A. program are required. Please see M.P.A. director for information on additional Fast Track requirements.

Major: Political Science

Concentration: Pol Sci Fast Track M.P.A.

Degree: Bachelor of Arts

Prerequisites

(6 credits)

Requires grades of "C" or above.

Select two Intro Poli Science Courses

Any two Introductory Political Science courses with POS, CPO, or INR prefixes can be used

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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

Core Requirements

(18 credits)

Requires grades of "C" or above.

POS 3713	3	Political Inquiry And Analysis
POT 3003	3	Political Thought And Action
PAD 4003	3	Public Administration
POS 4930	3	Senior Seminar: Political Sci

Offered fall and spring only

Prerequisites: POS 3713, POT 4003, PAD 4003 and senior status

Select one course (3000/4000 level)

POS 3413	American Presidency
POS 3424	Congress & the Legislative Process
POS 3691	The American Legal System

Select one course (3000/4000 level)

CPO 4014	Comp. Pol.: Framework for Analysis
INR 4603	Int'l Relations: Framework for Analysis
INR 4703	International Political Economy

Major Electives

(12 credits)

Select four from below or three from below and one additional core courses or select two from below and two additional core courses.

Select four from the following:

INR 3084	Terrorism Today
INR 4334	Amer. Def. in the Age of Mass Destruction
PAD 4832	Issues in Comparative Public Admin
POS 3114	Issues in State & Local Government
POS 3142	Politics & Policy in Urban Government
POS 3235	Government & Mass Media
POS 3413	American Presidency
POS 3424	Congress & The Legislative Process
POS 3444	Parties, Campaigns & Elections
POS 3606	U.S. Supreme Court & other Fed Courts
POS 3691	American Legal System
POS 3931	ST: Politics
POS 3XXX	Medical Politics & Policy
POS 4033	Controversial Political Issues
POS 4093	Politics of the War on Drugs
POS 4173	Southern Politics
POS 4233	Public Opinion & Interest Groups
POS 4463	Interest Groups & American Democracy
POS 4608	Constitutional Law: Power & Restraint
POS 4624	Const. Law: Civil Rights & Liberties
POS 4905	Directed Individual Study
POS 4932	ST: Political Science & Public Admin
POS 4945	Practicum: Legislative
POT 3075	American Politics & Popular Culture
POT 3515	Good & Evil: Political Perspectives
POT 4314	Democratic Theory
PUP 3053	American Political Economy
PUP 4003	Policy Making Process
PUP 4506	Evolution, Society & Politics
PUP 4612	Politics of Social Programs

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.)*

Free Electives

(10 credits)

Select 10 hours free electives 3000/4000



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).

Minors in Political Science & Public Administration

Minor: Political Science (15 credits)

No more than 6 credit 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.

POS 2041 3 Intro to American Government
 Select 4 courses (3000/4000)
 CPO INR PAD POS POT PUP

Minor: Public Administration (15 credits)

No more than 6 credit hours, or 2 courses may be transferred in to satisfy minor courses requirements. A grade of "C" or better is required in all minor courses.

POS 2041 3 Intro to American Government
 POS 3114 3 Issues State/Local Government
 PAD 4003 3 Public Administration

Select 2 from the following:

PAD 4027 Issues in Public Management
 POS 3713 Political Inquiry & Analysis
 POS 3606 US Supreme & Other Federal Courts
 POS 4167 Urban Policy & Planning

Minor: Public Administration Minor for Political Science Majors (15 credits)

No more than 6 credit hours, or 2 courses may be transferred in to satisfy minor course requirements. A grade of "C" or higher is required for all minor courses.

PAD 4027 3 Issues in Public Management
 POS 3114 3 Issues State/Local Government
 PUP 4003 3 The Policy-Making Process

Select 2 courses from the following:

POS 3606 US Supreme & Federal Courts
 POS 4167 Urban Policy & Planning
 PUP 4612 Politics of Social Programs

Department of Psychology

Linda A. Foley, Professor & Chair
Lynn Carroll, Professor, Coordinator, MACP Program
Iver H. Iversen, Professor
J. Jurek Karylowski, Professor
Christopher T. Leone, Professor
Rebecca A. Marcon, Professor
Susana P. Urbina, Professor
C. Dominik Güss, Associate Professor
Michael Herkov, Associate Professor

Lori Y. Lange, Associate Professor
F. Dan Richard, Associate Professor
Randall J. Russac, Associate Professor
Ma. Teresa Tuason, Associate Professor
Dongyuan Debbie Wang, Associate Professor
Gabriel Ybarra, Associate Professor
Adam C. Carle, Assistant Professor
Brian Fisak, Assistant Professor
Juliana K. Leding, Assistant Professor
Susan M. Perez, Assistant Professor
Jacob M. Vigil, Assistant Professor
 (904) 620-2807

Psychology may be defined as the scientific study of the behavior of humans and animals. The goal of the Department of Psychology is to help students understand the history, methods, and philosophy of the differing approaches to the study of behavior.

Completion with a "C" grade or better in general psychology, elementary statistics and general biology is required prior to full admission to the degree program. **A required comprehensive examination and exit interview must be completed during the student's final semester.**

Psychology majors in the College of Arts and Sciences must earn at least a "C" in psychology courses applied towards the major.

Psychology majors may receive either a Bachelor of Arts degree or a Bachelor of Science degree.

The Bachelor of Arts degree program in psychology consists of the following requirements:

Major: Psychology Degree: Bachelor of Arts

Prerequisites (12 credits)

Requires grades of "C" or above.
 PSY 2012 3 Introduction To Psychology
 Select one additional Psychology course
 CLP DEP EAB EXP INP PCO PPE PSB PSY
 Biology Requirement
 Select one Biology or ZOO X010
 B.S.C
 Statistics Requirement
 Select one Statistics Course
 STA

Foreign Language/Foreign Cultures
 All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.
 Take eight hours of Foreign Language
 Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Foundation (5 credits)

All students must have completed PSY 3214 and PSY 3213L with grades of "B" or better -before- being permitted to register in courses towards the Bachelor of Science degree.

PSY 3025 1 Major In Psychology Seminar
Research Methods & Lab Requirement
Prerequisite: Elementary Statistics
PSY 3214 Research Methods in Psychology
PSY 3213L Research Methods Lab

Experimental Courses (4 credits)

Research Methods and Lab, PSY 3214 AND PSY 3213L, must be completed with a grade of "C" or better before attempting the experimental courses.

Select one Experimental Course from:

EAB 3013C Experimental Analysis of Behavior/Lab
EXP 3680C Experimental Cognitive Psychology
EXP 3703C Computer App. in Psych Research
EXP 3461C Human Learning and Performance
PSY 4302C Psychological Testing
SOP 3214C Experimental Social Psychology

Major Requirements (15 credits)

Select five from the following:

CBH 3004 Comparative Psychology
CLP 4143 Psychology of Abnormal Behavior
DEP 3054 Lifespan Developmental Psychology
EXP 3412 Learning Theory
EXP 3604 Cognitive Psychology
EXP 3104 Human Sensory Perception
PPE 4003 Theories of Personality
PSB 3002 Psychobiology
PSY 4604 History of Psychology
SOP 3004 Social Psychology

Major Electives (9 credits)

No more than three hours in Directed Individual Study may be used as major elective credits. However, additional hours of Directed Individual Study may be taken as free electives. No more than three hours in Practicum in Applied Psychology may be used as major elective credits. However, additional hours of Practicum in Applied Psychology may be taken as free electives.

Select nine hours (3000/4000)

CBH CLP DEP EAB EXP INP PCO PPE PSB PSY SOP

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (4 credits)

Select four hours free electives 3000/4000

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).

Major: Psychology Degree: Bachelor of Science

Prerequisites (12 credits)

Requires grades of "C" or above.

PSY 2012 3 Introduction to Psychology

Select one additional Psychology course

CLP DEP EAB EXP INP PCO PPE PSB PSY

Biology Requirement

Select 1 Biology

BSC

Statistics Requirement

Select one Statistics Course

STA

Foundation (5 credits)

All students must have completed PSY 3214 and PSY 3213L with grades of "B" or better before being permitted to register in courses towards the Bachelor of Science degree.

PSY 3025 1 Major in Psychology Seminar
Research Methods and Lab Requirement

Prereq: Elementary Statistics

PSY 3214 Research Methods in Psychology

PSY 3213L Research Methods Lab

Experimental Courses (12 credits)

Research Methods and Lab, PSY 3214 AND PSY 3213L, must be completed with a grade of "C" or better before attempting the experimental courses.

Select one from the following:

PSY 4302C Psychological Testing

EXP 3703C Computer Applications in Psych Research

Select two from the following:

EXP 3461C Human Learning and Performance

EXP 3680C Experimental Cognitive Psychology

SOP 3214C Experimental Social Psychology

EAB 3013C Experimental Analysis of Behavior/Lab



Major Requirements

(18 credits)

Requires grades of "C" or higher.

Select two from the following:

- CBH 3004 Comparative Psychology
- EXP 3104 Human Sensory Perception
- PSB 3002 Psychobiology

Select one from the following:

- EXP 3412 Learning Theory
- EXP 3604 Cognitive Psychology

Select two from the following:

- SOP 3004 Social Psychology
- PSY 4604 History of Psychology
- PPE 4003 Theories of Personality
- DEP 3054 Lifespan Developmental Psychology

Select one from the following:

- CBH 3004 Comparative Psychology
- DEP 3054 Lifespan Developmental Psychology
- EXP 3412 Learning Theory
- EXP 3104 Human Sensory Perception
- PPE 4003 Theories of Personality
- PSY 4604 History of Psychology
- CLP 4143 Psychology of Abnormal Behavior
- CLP 4313 Health Psychology
- SOP 3004 Social Psychology
- PSB 3002 Psychobiology

Major Electives

(12 credits)

No more than three hours in Directed Individual Study may be used as major elective credits. However, additional hours of Directed Individual Study may be taken as free electives. No more than three hours in Practicum in Applied Psychology may be used as major elective credits. However, additional hours of Practicum in Applied Psychology may be used as major elective credits.

Select 12 hours (3000/4000):

CBH CLP DEP EAB EXP INP PCO PPE PSB PSY SOP

Free Electives

(13 credits)

Select 13 hours Free Elect 3000/4000

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).

Honors in Psychology

Outstanding undergraduate psychology majors who are interested in graduating with the designation "Honors in Psychology" may apply for admission to the Psychology Honors Program after successful completion of the Honors Thesis Prospectus course through the Honors Program. Application should be made at least two semesters prior to graduation. Admission to the program requires: an overall GPA of 3.67 or better; junior or

senior standing; completion of at least three psychology courses at UNF with a GPA of 3.67 or better in psychology courses and no grade less than "B"; an application to the chairperson of the Department of Psychology, which includes a letter discussing career plans and the Honors Thesis Prospectus; and securing of the sponsorship of a member of the faculty of the Department of Psychology to serve as the supervisor of the Honors project. In addition to departmental requirements, all Honors in Psychology students must complete two one-hour courses offered through the Honors Program. The first course is the previously mentioned Honors Thesis Prospectus course; the second is the Honors Thesis Seminar. It is recommended that students interested in Honors in Psychology also consult the advisor in the Honors Program early in planning for Honors in Psychology.

Minor: Psychology

(18 credits)

Students must complete the PSY 2012 (General Psychology) prerequisite in order to minor in psychology. No more than 50 percent of the courses required for the minor may be transferred in from another institution. No more than three 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.

PSY 2012 3 Introduction To Psychology

Select one from the following:

- CLP 4143 Psychology of Abnormal Behavior
- DEP 3054 Lifespan Developmental Psychology
- PPE 4003 Personality Theories
- SOP 3004 Social Psychology

Select one from the following:

- EXP 3412 Learning Theory
- PSB 3002 Psychobiology
- PSY 3214 Research Methods in Psychology
- PSY 4604 History of Psychology

Select three courses from (3000/4000)

CBH CLP DEP EAB EXP INP PCO PPE PSY SOP PSB

Minor: Behavioral Medicine

(15 credits)

Psychology majors may not have a Behavioral Medicine Minor. No more than 50 percent of the courses required for the minor may be transferred from another institution. No more than three credit hours of lower level course work may be used to fulfill minor requirements. A grade of "C" or better is required for all minor courses.

PSY 2012 3 Introduction To Psychology

CLP 4183 3 Stress Management

EAB 4703 3 Behavior Modification

CLP 4314 3 Behavioral Medicine

PSB 4113 3 Principles Of Biofeedback

Select one from: (3000/4000)

CBH CLP DEP EAB EXP INP PCO PPE PSY SOP

Department of Sociology and Anthropology

Adam Shapiro, Associate Professor & Chair
David Jaffee, Professor & Assistant Vice President, Undergraduate Studies
Jeffrey Will, Professor & Director, Northeast Florida Center for Community Initiatives
Rosa De Jorio, Associate Professor
Ronald Kephart, Associate Professor & Anthropology Program Coordinator
Ronald Lukens-Bull, Associate Professor
Krista Paulsen, Associate Professor & Graduate Coordinator
Richard Phillips, Associate Professor
Gordon Rakita, Associate Professor
Ye Luo, Assistant Professor
Aleksandra Sasha Milicevic, Assistant Professor
Suzanne Simon, Assistant Professor
Jennifer Spaulding-Givens, Instructor & Social Welfare Director
Jenny Stuber, Assistant Professor
Robert Thunen, Assistant Professor
Nancy Winterbauer, Research Assistant Professor (904) 620-2850

Sociology

Sociology is an empirically-based social science discipline concerned with the development of systematically organized knowledge about human groups, communities, social institutions, and societies. It focuses upon social interaction as its basic unit of observation. The sociology major is designed to provide the student with the basis for a broad liberal arts education and to equip him/her with the conceptual, theoretical, and methodological tools necessary to pursue a career in a social service occupation or as a professional sociologist, following a program of graduate studies. Sociology is frequently pursued by students who desire greater understanding and insight into the systems and processes of society which bear upon them in their everyday lives, so that they might make some relevant contribution to their society and to the individuals in the society.

The major program leading to a Bachelor of Arts degree in sociology is designed to combine a broad range of courses with a central core which provides a basic integrating framework. The completion of two courses in introductory sociology are prerequisites for entry into the program. Completion of introductory courses in the other social sciences — psychology, political science, history, and economics — is recommended. The program for the Bachelor of Arts degree in sociology has a core of courses designed to introduce students to the major areas of the discipline. The program is as follows:

Major: Sociology
Concentration: Social Welfare
Degree: Bachelor of Arts

Prerequisites (6 credits)

Select two Intro Sociology (1000/2000)
SYG/SYA/SYD/SYO/SYP
Foreign Language/Foreign Cultures
All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.
Take eight hours of Foreign Language
Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.
FC Foreign Culture Option
Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (25 credits)

SYA 3300 requires an Elementary Statistics course as preparation.

SYA 3930 3 Junior Seminar
SYA 4010 3 Sociological Theory

Prerequisite: Intro Sociology

SYA 3300 3 Logic Of Inquiry
Prerequisite: Elementary Statistics

Select one from the following:

(SYA 3300 required as prerequisite to both courses)

SYA 3310 Qualitative Methods
SYA 3450C Social Science Data Analysis
SOW 3203 3 Social Welfare Institutions
SOW 4302 3 Social Work Practice I

Prerequisite: SOW 3203

SOW 4322 3 Social Work Practice II
Prerequisite: SOW 3203

SOW 4510 1 Practicum Seminar
Corequisite: SOW 4511; Prerequisites: SOW 3203, SOW 4302, SOW 4322

SOW 4511 3 Community Agency Practicum
Corequisite: SOW 4510; Prerequisites: SOW 3203, SOW 4302, SOW 4322

Major Electives (12 credits)

Select four Sociology Electives

SOW 4XXX Special Topics: Social Welfare
SYA 3931 Special Topics: Sociology
SYA 4930 Special Topics: Sociology
SYA 4905 Directed Individual Study
SYA 4935 Senior Seminar
SYO 4200 Sociology of Religion



SYD 4510	Environment & Sociology
SYP 4660	Sociology of Culture
SYO 4370	Sociology of Work
SYD 3020	Social Demography
SYD 3410	Urban Sociology
SYD 3700	Race & Cultural Minorities
SYD 3800	Gender & Society
SYD 4601	Comm. Org., Change & Development
SYO 3110	Sexuality & Marriage
SYO 3530	Social Stratification
SYO 4100	Sociology of Family
SYO 4300	Political Sociology
SYO 4400	Health, Illness & Society
SYP 3440	Social Change & Int'l Development
SYP 3520	Criminology
SYP 3570	Deviance & Social Control
SYP 4050	Social Human Interaction
SYP 4351	Social Movements & Social Control
SYP 4730	The Sociology of Aging

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Major: Sociology Degree: Bachelor of Arts

Prerequisites (6 credits)

Select two Intro Sociology (1000/2000)
SYG/SYA/SYD/SYO/SYP

Foreign Language/Foreign Cultures

All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language

Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.

FC Foreign Culture Option

Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (12 credits)

SYA 3300 requires an elementary statistics course as preparation.

SYA 3930	3	Junior Seminar
SYA 4010	3	Sociological Theory

Prerequisite: Intro Sociology

SYA 3300	3	Logic Of Inquiry
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Prerequisite: Elementary Statistics

Select one from the following:

(SYA 3300 required as prerequisite to both courses)

SYA 3310 Qualitative Methods

SYA 3450C Social Science Data Analysis

Major Electives (21 credits)

Select seven Sociology electives

SYA 3931	Special Topics: Sociology
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SYA 4930	Special Topics: Sociology
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SYA 4905	Directed Individual Study
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SYA 4935	Senior Seminar
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SYO 4200	Sociology of Religion
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SYD 4510	Environment & Sociology
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SYP 4660	Sociology of Culture
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SYO 4370	Sociology of Work
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SYD 3020	Social Demography
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SYD 3410	Urban Sociology
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SYD 3700	Race & Cultural Minorities
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SYD 3800	Gender & Society
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SYD 4601	Comm. Org., Change & Development
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SYO 3110	Sexuality & Marriage
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SYO 3530	Social Stratification
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SYO 4100	Sociology of Family
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SYO 4300	Political Sociology
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SYO 4400	Health, Illness & Society
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SYP 3440	Social Change & Int'l Development
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SYP 3520	Criminology
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SYP 3570	Deviance & Social Control
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SYP 4050	Social Human Interaction
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SYP 4351	Social Movements & Social Control
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SYP 4730	The Sociology of Aging
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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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (4 credits)

Select four hours free electives 3000/4000

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).

Sociology Minor

Sociology is the study of human social life, groups and societies. The sociology minor is designed to provide the student with insight into social interaction and social processes, and focuses on understanding how these processes influence society. The analytical and methodological skills obtained in the sociology minor will allow students to garner a broader understanding of society and to further realize their potential in their chosen profession. The sociology minor is designed to complement a number of other majors, including, the arts, business, criminal justice, natural sciences, and nursing.

Minor: Sociology (18 credits)

No more than six semester hours, or two courses may be transferred in to satisfy minor course requirements. No more than three credit hours, or one course carrying lower division numbers may be used to satisfy any minor requirements. A grade of "C" or better is required for all minor courses.

SYG 2000 3 Introduction To Sociology
SYA 4010 3 Sociological Theory

Select four courses from (3000/4000)
SYA SYD SYG SYO SYP

Anthropology

Anthropology seeks to investigate, describe, and explain humankind. In examining humankind anthropologists look at what makes us human:

1. Cultural adaptations and diversity both past (Archaeology) and present (Cultural Anthropology),
2. Human Language and its breath of languages and the origins of symbolic communication (Linguistics).
3. Furthermore, Anthropology examines human physical structure and the evolution and variation of human adaptation (Physical Anthropology).

Anthropology, in its approach to understanding humankind, utilizes the natural and social sciences as well as the humanities to examine ourselves. Anthropology has always been an interdisciplinary field due to its attempt to examine the fullness of the human experience and culture. One essential dimension of anthropology is its engagement with and teaching about other cultures. As the world becomes more globally connected, anthropology provides students essential skills and knowledge allowing them to bridge different societies and providing the context for business, tourism, and governments to appreciate and understand issues of cultural difference and behavior.

The completion of two introductory courses in anthropology is a prerequisite for entry into the program. The program of study consists of a core of required

courses providing a holistic overview of the discipline. Students will also take six courses from the list of Major Electives in Anthropology.

Major: Anthropology Degree: Bachelor of Arts

Prerequisites (6 credits)

Requires grades of "C" or above.
Take two Intro Anthro. (1000/2000)
ANT

Foreign Language/Foreign Cultures
All B.A. students in the College of Arts and Sciences are required to complete the foreign language/foreign culture requirement with grades of "C" or higher.

Take eight hours of Foreign Language
Select one sequence of Spanish, French, Chinese, German, Japanese, Latin, Portuguese, Russian, or American Sign Language. Part 1 of languages are typically offered in the fall and part 2 in the spring.
FC Foreign Culture Option
Students who successfully completed two years of foreign language in high school have the option of taking nine hours of foreign culture courses instead of eight 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.

Major Requirements (18 credits)

The courses in the this Area are usually offered fall & spring. Grades of "C" or higher required in all courses.

ANT 3933 3 Seminar in Anthropology
Fall semester of junior year
ANT 3610 3 Linguistic Anthropology
Fall semester of junior year
ANT 3513 3 Princ of Physical Anthropology
Spring semester of senior year
ANT 4034 3 Survey of Anthro Theories
Fall semester of senior year
ANT 4192 3 Archaeological Res Strategy
Spring semester of senior year

Select one from the following:

ANT 4083 Quantitative Methods in Anthropology
ANT 4801 Ethnographic Methods

Major Electives (18 credits)

Grades of "C" or higher required in all major electives.

Select six from the following:

ANT 4990 Archaeological Field Methods
ANT 4620 Language, Culture, and Society
ANT 4801 Ethnographic Methods
ANT 4905 Dir. Independent Study in Anthropology
ANT 4931 Selected Topics in Cultural Anthropology
ANT 4083 Quantitative Methods in Anthropology
ANT 4274 Political Anthropology



ANT 4444	Cities & Globalization
ANT 3243	Comparative Muslim Cultures
ANT 3443	The City & Health
ANT 4241	Anthropology of Religion
ANT 3311	(FC) Indians of the Southeast U.S.
ANT 3212	CD-(FC) People & Cultures of the World
ANT 3312	CD-(FC) North American Indians
ANT 4352	(FC) People & Cultures of Africa
ANT 4362	(FC) People & Cul. of South East Asia
ANT 3340	Anthropology of the West Indies
ANT 4331	People of the Andes

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.

Free Electives (1 credits)

Select one hour free electives 3000/4000

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).

Anthropology Minor

A Certificate in Anthropology is awarded by the department upon completion of the course and fieldwork listed below and successful completion of a baccalaureate degree. The emphasis of the minor is to provide the student with the basic tenets of anthropology and to enable him/her to better appreciate both cross-cultural and time-depth studies of humanity.

Minor: Anthropology (15 credits)

No more than six credit hours, or two courses, may be transferred in to satisfy minor course requirements. No more than three credit hours, or one course carrying lower division numbers may be used to satisfy any minor requirements. A grade of "C" or better must be earned in each minor course.

Select three from the following:

ANT 3933	Seminar in Anthropology
ANT 3610	Linguistic Anthropology
ANT 3513	Principles of Physical Anthropology
ANT 4034	Survey of Anthropological Theories
ANT 4192	Archaeological Research Strategies

ANT 4083	Quantitative Methods in Anthropology
ANT 4801	Ethnographic Methods
Select two electives (3000/4000)	
ANT	

Social Welfare Minor

A Certificate in Social Welfare is awarded by the department upon completion of course and field work listed below and successful completion of a baccalaureate degree. Students interested in the minor should take the following courses:

Minor: Social Welfare (16 credits)

No more than six credit hours, or two courses may be transferred in to satisfy minor course requirements. No more than three credit hours, or one 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.

SOW 3203	3	Social Welfare Institutions
SOW 4302	3	Social Work Practice I

Prerequisite: SOW 3203

SOW 4322	3	Social Work Practice II
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Prerequisite: SOW 3203

SOW 4510	1	Practicum Seminar
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Corequisite: SOW 4511; Prerequisites: SOW 3203, SOW 4302, SOW 4322

SOW 4511	3	Community Agency Practicum
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Corequisite: SOW 4510

Select one from the following:

SYD 3700	Race & Cultural Minorities
SYO 3110	Sexuality & Marriage
SYO 4100	Sociology of Family
SYO 4400	Health, Illness, & Society
SYP 3570	Deviance & Social Control
SYP 4730	Sociology of Aging
CJC 3410	Offender Treatment
CCJ 4680	Family Violence
CCJ 4501	Juvenile Delinq & Juvenile Justice
ANT 3443	The City & Health
SYD 4601	Comm. Org., Change, & Development

Minor: Urban & Metropolitan Studies (15 credits)

Students may count select special topics courses toward the minor, with advance permission of the coordinator. A single course cannot satisfy requirements for the student's major and the Urban and Metropolitan Studies minor. Only two transfer courses may be applied toward minor courses.

IDS 3213	3	Introduction to the Metropolis
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Choose four from the following:

Students are encouraged to select courses from disciplines other than their major.

AMH 3460	American Cities & Suburbs
POS 3142	Urban Policy & Planning
ANT 3443	The City and Health
ANT4444	Cities & Globalization
ECP 3613	Urban Economics
GEO 3151	Introduction to GIS

HIS 3403	Nature, Power, & Metropolis
SYD 3410	Urban Sociology
SYD 4601	Community Org., Change Development
EEX 4794	Educating Urban Students / Diverse Needs

Department of World Languages

Jorge Febles, Professor & Chair

Renee S. Scott, Professor

Patricia A. Geesey, Associate Professor

Shira Schwam-Baird, Associate Professor

Kyle Echols, Assistant Professor

(904) 620-2282

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 World Languages 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 programs in both French and Spanish, as well as a Latin American Studies Certificate. In addition, Chinese and German are offered each academic year, while Japanese, Latin, Portuguese and Russian are also taught regularly depending upon student demand.

Pursuant to its mission, the Department of World Languages encourages students to study abroad by working in conjunction with the UNF International Center. The department sponsors summer programs in Santander, Spain and Strasbourg, France. Given an existing relationship with the University of Alcalá de Henares (Spain), those who seek a longer experience abroad may study Spanish language, culture and literature for a semester or an entire year in Alcalá. With the assistance of the UNF International Center, students are also able to study independently in different academic institutions throughout the world.

The department maintains a computerized language lab that provides a variety of software programs. UNF students use the facility to practice and to engage in self-immersion activities.

Conditions for Studying a Language

The material covered in one semester of introductory foreign language at UNF (I or II level courses) is roughly equivalent to that covered in two semesters of most

three-hour introductory courses. Therefore, the first semester of instruction in a language may not be taken for credit by students with six or more hours of college credit in the language (or equivalent proficiency), and the second semester of a UNF foreign language sequence may not be taken for credit by students with twelve or more hours of college credit in the language (or equivalent proficiency). Students may audit a class only one time.

Students who intend to enroll in French or Spanish classes at the University of North Florida, and who have taken one year or more of high school French or Spanish must take the free online placement test prior to enrolling so that they may be placed at a level that reflects accurately their language skills. Heritage speakers of French or Spanish as well as students who possess substantial experiential knowledge of either language are also required to take the placement test. Students may contact the Department of World Languages (904) 620-2282; Web page: www.unf.edu/coas/world_languages/ for instructions on how to take the online placement test.

Native speakers of French and Spanish are not allowed to take certain courses without first obtaining permission from the department. See the course descriptions.

B.A. in French Studies

General Requirements: Students may earn a Bachelor of Arts in French Studies by completing 30 credit hours of courses above the 2000 level as outlined below. The French Studies program offers courses in French and English in the areas of French language, French and Francophone literature and culture, French and European history, art history, philosophy, politics, and business. Students must earn a grade of "C" or better in all prerequisite and major courses.

Admission: In addition to satisfying general University criteria for admission, students wishing to enter the degree program leading to the B.A. in French Studies must have prior preparation in French equivalent to the intermediate level.

Students entering the University with previous course work in French should meet with French faculty or the language coordinator to determine their level of proficiency and proper placement. The Department of World Languages has implemented a computerized placement test in French that will greatly aid in the correct placement of students.

Major: French Studies

Degree: Bachelor of Arts

Prerequisites

14 hours

Grades of "C" or above are required in all prerequisite courses.

Select Beginning French I and II (or be placed into higher courses due to placement exam results or departmental recommendation).



FRE 1120	4	Beginning French I
FRE 1121	4	Beginning French II

And Intermediate French I and II (or be placed into higher level due to placement exam results or departmental recommendation).

FRE 2240	3	Intermediate French I
FRE 2241	3	Intermediate French II

Major Electives

(taught in French) (Minimum 18 credits)

FOL 3930	3	ST Foreign Lang. (in French only)
FOL 3953	3-6	Adv Lang. St Abroad (in French only)
FRE 3280	3	Listening Skills in French
FRE 3402	3	Advanced French Conversation
FRE 3420	3	Advanced French Grammar
FRE 3440	3	French for the Professions
FRE 4420	3	Adv. French Comp. & Stylistics
FRE 4501	3	France Today
FRW 3100	3	Survey of French Lit.: Pre-19th Cent.
FRW 3101	3	Survey of French Lit.: The Mod Period
FRW 3810	3	Reading French Texts
FRW 4930	3	Special Topics in French Literature (may be repeated for credit)

Major Electives

(taught in English) (Maximum 12 credits)

(Focusing on France and the Francophone world)

FIL 4521	3	French Cinema
FOT 3510	3	Love in the Middle Ages
FOT 3931	3	Studies in Foreign Culture (French or Francophone culture only)
FRT 3550	3	Faces of France
FRT 3800	3	French Translation Techniques
FRT 4561	3	Women in French Lit. & Culture
EUH 3451	3	France Since 1789
EUH 4294	3	Seminar-Modern Europe (topic on France only; i.e. French Revolution)
POS 3931	3	Politics & Society in France

Focusing on Europe

Maximum six credit hours out of maximum 12 hours taught in English

EUH 3120	3	Medieval Europe
EUH 3142	3	Renaissance-Reformation
EUH 3202	3	Enlight & Pwr: Europe 1660-1789
EUH 3205	3	19th Century Europe
EUH 3206	3	20th Century Europe
ARH 3410	3	Modern European Art I
ARH 3428	3	Modern European Art II
PHP 3786	3	Existentialism
ECS 3303	3	Cur Iss. in the Econ. Euro. Union
MAN 4654	3	Comparative Business Practices: European Union & the U.S.

N.B.

- Students are encouraged to take more than the minimum 18 credit hours of courses taught in French.
- Of the 12 hours allowed in English, no more than six hours may be in courses focusing on Europe so that

- students will be exposed to the cultural and ethnic diversity of the Francophone world.
- At least six hours must be selected from the literature courses listed above.

Required Minor (3000-4000 level) (15 Credits)

All minors require 15 hours. Refer to catalog for list.

Free Electives (3000-4000 level) (15 Credits)

Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper hours that may need to be taken for graduation.

B.A. in Spanish

General Requirements: Students may earn a Bachelor of Arts in Spanish by completing 30 credit hours of courses in Spanish above the 2000 level as outlined below. The Spanish B.A. program offers courses in three broad content areas: Spanish language; Hispanic culture; and Hispanic literature. Students must earn a grade of "C" or better in all prerequisite and core/major courses.

Admission: In addition to satisfying general University criteria for admission, students wishing to enter the degree program leading to the B.A. in Spanish must have prior preparation in Spanish equivalent to the intermediate level.

The Spanish major consists of 30 credit hours above the intermediate level (SPN 2200 and 2201).

Major: Spanish

Degree: Bachelor of Arts

Prerequisites

Grades of "C" or above are required in all prerequisite courses.

Note: Students may be placed into higher courses due to placement exam results or departmental recommendation.

Select from the following:

SPN 1120	Beginning Spanish I and
SPN 1121	Beginning Spanish II; or
SPN 1134	Accelerated Beginning Spanish
SPN 2200	3 Intermediate Spanish I
SPN 2201	3 Intermediate Spanish II

Major Requirements (15 credits)

SPN 3242	3	Spanish Conversation
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Prerequisite: SPN 2201

SPN 3300	3	Spanish Grammar
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Prerequisite: SPN 2201

Heritage speakers may substitute SPN 3350

Reading & Writing Spanish for Spanish Grammar

SPW 3030	3	Interpreting Hispanic Literature
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Prerequisites: SPN 3242 & SPN 3300

Select from the following:

SPN 3501	Hispanic Culture
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- LAS 3930 Cultures of Latin America
- SPN 3500 Peoples & Cultures of Spain
- LAS 3020 Peoples & Cultures of the Caribbean
- LAS 3033 Peoples & Cult of Cen Amer & Mexico
- LAS 3031 Peoples & Cult of the Southern Cone
- ANT 4331 People of the Andes

Select one from the following:

- SPW 3100 Survey of Spanish Literature
- SPW 3130 Survey of Latin American Literature
- SPN 4930 Seminar
- SPW 4223 Hispanic Genres
- SPW 4400 Periods of Spanish Literature
- SPW 4193 Periods of Latin American Literature

Major Electives (15 credits)

Select five courses at 3000/4000 level
SPN/SPW

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, Appendix D.

Note: This area is informational only. 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 are exempt from a minor.*

Free Electives (15 credits)

Select 15 hours of free electives 3000/4000

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).

Minors In World Languages

Minor: French (23 credits)

No more than one French course (three hours) taught in English may be included in the minor. At least nine credit hours or three courses must be upper level. Only six credit hours or two courses may be transferred from another institution into the minor. A grade of "C" or better is required for all minor courses, including prerequisites.

- FRE 1120 4 Beginning French I
- FRE 1121 4 Beginning French II

Select five French Electives (3000/4000)

- FRE FRT FRW FOL FOT

Note: Heritage speakers of French may consult with the World Languages Chair or French faculty for appropriate French electives.

Minor: Spanish (23 credits)

At least three courses (9 credit hours) must be upper level (3000/4000). Students may transfer up to two

courses (six credit hours) in the Spanish minor. A grade of "C" or better is required for all minor courses.

Note: Heritage speakers of Spanish must first consult with a Spanish faculty member (go to World Languages office for a referral) or the World Languages chair for appropriate courses to take as Spanish electives.

Prerequisite Requirement

- SPN 1120 Beginning Spanish I
- SPN 1121 Beginning Spanish II; or
- SPN 1134 Accelerated Beginning Spanish
or demonstrate proficiency at the intermediate level.
(The World Languages office will refer students to a Spanish faculty member for this purpose).

Select five Spanish Courses (3000/4000)

- SPN SPT SPW FOL FOT LAS

Note: One course may be in English.

Latin American Studies Certificate

Latin American courses now in the World Languages curriculum for students to choose are listed below. Another possibility includes Latin American focused courses offered under SPN 4930 - Seminar Course.

Students can earn the Latin American Studies certificate by successfully completing nine hours from the list and completing two Portuguese language courses. (Two courses may be in English).

Minor Requirements (15 Credits)

Complete two Portuguese language courses from:

- POR 1120 4 Beginning Portuguese I
- POR 1121 4 Beginning Portuguese II
- POR 2200 3 Interim Portuguese I
- POR 2201 3 Interim Portuguese II

Select nine hours from the following list:

- SPN 3501 3 Hispanic Pop Culture
- SPW 3130 3 Survey: Latin America Literature
- SPW 4223 3 Hispanic Genres
- SPW 4394 3 Ibero-Amer Film
- SPW 4193 3 Periods of Latin American Lit

Students may choose up to two courses in English from this group:

- LAS 3930 3 (FC) Culture of Latin America
- LAS 3020 3 (FC) People/Cult Caribbean
- LAS 3033 3 (FC) People/Cult Central Am/Mex
- LAS 3280 3 Issues of Modern Brazil Culture
- LAS 3031 3 People/Cult of the Southern Cone

All minor courses require grades of "C" or above.



College of Arts and Sciences

Course Descriptions

ART & DESIGN

ARH 2000-Art Appreciation 3

This course includes the study of visual elements, design principles, various techniques and media. Examples of Western painting, sculpture and architecture from prehistoric to present times will be examined. Local museum excursions are required.

ARH 2050-Art History Survey I 3

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.

ARH 2051-Art History Survey II 3

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.

ARH 3302-Italian Renaissance Art 3

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.

ARH 3319-Art of Michelangelo 3

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.

ARH 3350-Baroque Art 3

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.

ARH 3410-Modern European Art I 3

This course will study European art and architecture between 1780-1870, from Neo-Classicism through Impressionism.

ARH 3434-Modern European Art II 3

This course will study European Art and Architecture between 1880 and 1940, from post impressionism through surrealism.

ARH 3470-Art After 1940 3

This course will study European and American art from Abstract Expressionism to the present.

ARH 3620-American Art Before 1940 3

Tracing the development of American painting from revolutionary to modern times, this class will study American

artists' dependence on European tradition and their determination to forge an American style.

ARH 3930-Special Topics v. 1-3

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.

ARH 4712-Photohistory 1839-1916 3

This course will examine the nature of photography from its invention in 1839 to World War One. Through the reading and discussion of primary writings and critical texts, students will discuss and write about 19th century photographs. Methods for critical analysis of photographs will also be introduced and woven into class lectures and readings.

ARH 4713-Photohistory 1916 to Present 3

Photohistory is a selected survey of the history of photography in the 20th century. Emphasis is placed upon photographic expression in the last half of the century focusing upon areas such as photographic art; advertising; political; social documentary; photography and the digital revolution.

ARH 4724-Graphic Design History 3

This class explores the evolution of graphic design from past to present. Slide lectures present an overview with emphasis on important periods. It examines the relationship between design and the historical influence on contemporary design. Related topics include typography, photography, illustration and technological impact.

ARH 4800-Aesthetics of Art 3

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.

ARH 4801-Art Criticism 3

Prerequisites: ARH 2050, ARH 2051, One ARH 3000 or 4000 level. An investigation of selected philosophies of art criticism in the 20th Century. Students will apply methods of analysis and interpretation to the critique of art. Individual ideas will be expressed through writing assignments, group critiques, guest lectures, and visits to art exhibitions. Emphasis will include contemporary art issues.

ART 1201C-Two-Dimensional Design 3

Includes basic, pictorial study and practice in the use of positive and negative, figure-ground, black and white, color relationships and concepts with emphasis on design as personal expression and illusion of three-dimensional form. (A \$15 lab fee will be assessed)

ART 1300C-Drawing I **3**

Introduces linear-spatial perspective and basic drawing form with practice and experimentation in the use of various tools, subject matter and general approaches to beginning drawing problems, using vine charcoal, conte crayon, bristle brush, tube paint, wet and dry media.

ART 2203C-Three-Dimensional Design **3**

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 \$40 will be assessed.)*

ART 2301C-Drawing II **3**

Prerequisite: ART 1300C. Introduction to figure drawing, foreshortening perspective and basic drawing composition. Emphasizes problems in the organization of figure-ground, spatial and structural relationships, organic and geometric form, line and mass articulation and expression of creative imagery. Includes charcoal, conte crayon, bristle brush, tube paint and mixed media.

ART 2330C-Figure Drawing **3**

Prerequisite: ART 2301C, and consent of instructor. The objectives are to increase the individual's visual experience and technical skill in the drawing process and to heighten personal awareness and understanding of structure and space relationships. The class will draw from the nude figure, using a large format, vine charcoal, conte and wet or dry brush techniques. May be taken for a maximum of 18 credits.

ART 2400C-Printmaking(3 credits)

Prerequisites: ART 1300C Drawing I and 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. *(A material fee of \$50 will be assessed.)*

ART 2500C-Painting Fundamentals **3**

Prerequisite: One drawing course. Assignments emphasize the relationship of format, process, subject matter and visual organization; appreciation of the creative process. Attempting to solve the material and aesthetic problems of working with self-prepared, stretched paper and transparent or opaque tube watercolor or acrylic studio paints. Provides valuable practical experience.

ART 2501C-Advanced Painting & Drawing **3**

Prerequisite: ART 3504C or ART 2330C or consent of instructor. Assigned senior studio problems in easel painting or related process art forms. Emphasis on originality, style, subject matter: application of linear, spatial color-value relationships. May be repeated for a total of 6 credits.

ART 2605C-Basic Computer Images **3**

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. *(A material fee of \$30 will be assessed.)*

ART 3332C-Figure Drawing II **3**

Prerequisite: ART 2330C. The objective of this class is to cover the components of figure drawing that will increase the students' skill and heighten their awareness and understanding of the figure and the drawing processes by emphasizing structure, anatomy, and proportion. The class will draw from the nude figure, using a variety of techniques. May be repeated for a maximum of 18 credits.

ART 3504C-Painting Studio **3**

Prerequisite: ART 2500C. To increase the individual's awareness of the materials and the creative process in painting while developing personal goals, aesthetic sensitivity. Ability to express, through form, significant involvement in visual structures and color space relationships is explored. May be taken for a maximum 18 credits.

ART 3560C-Figurative Painting **3**

Prerequisites: ART 3332C and ART 2500C. This class is about understanding and interpreting the figure in paint. The classes will explore painting the figure, and enable students to develop individual approaches to figurative painting in studio painting sessions. The students will explore mixing color for flesh tones, as well as composition, anatomy, and painting techniques. May be repeated for a maximum of 6 hours.

ART 3707C-Sculpture I **3**

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. *(A material fee of \$90 will be assessed.)*

ART 3709C-Sculpture II **3**

Prerequisite: ART 3707C. Students will continue to expand on their technical development in a number of sculptural materials, while developing their personal artistic style. *(A material fee of \$40 will be assessed.)*

ART 3714C-Sculpture: Casting **3**

Prerequisite: ART 3707C. Students will utilize cold cast materials as well as hot metals in an effort to explore and combine methods with aesthetic form and develop personal direction. *(A material fee of \$25 will be assessed.)*

ART 3765C-Ceramics: Intermediate **3**

Prerequisite: ART 3786C. An intermediate exploration of ceramic methods emphasizing individual expression, alternative directions and aesthetic qualities in clay. Surface enhancement including special glazing techniques is included. May be repeated for 6 hours. *(A material fee of \$40 will be assessed.)*

ART 3786C-Ceramics **3**

Multilevel course in 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. May be taken for

a maximum of 9 credits. With each repetition, the student works at a more advanced level. (*A material fee of \$40 will be assessed.*)

ART 3930-Special Topics in Art v. 1-3

May be repeated for a total of 24 credits under different topics.

ART 4710C-Sculpture III 3

Prerequisite: ART 3707C, ART 3709C. This 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. (*A material fee of \$40 will be assessed.*)

ART 4736C-Sculpture: Enlivened Spaces 3

Prerequisite: ART 3707C. The studio-based course provides the basic foundations for sculptural studies through a series of projects and creative enquiries. 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. (*A material fee of \$40 will be assessed.*)

ART 4768C-Advanced Ceramics 3

Prerequisite: ART 3786C. This is an advanced course for individual specialization in ceramic studio. Work may include design and construction of kilns, glaze exploration and the development of abstract ceramic forms.

ART 4788C-Ceramic Aesthetic 3

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.

ART 4805C-Painting & Drawing Research 3

Prerequisites: ART 3504C and ART 3332C. This class consists of concentrated studies in painting/drawing processes through research, self-motivation, and series/subject development. Advanced studio problems in painting/drawing are pursued with emphasis on independent work, theme development, personal discovery, idea/concept and advanced processes. Individual development is stressed. Discussions, criticism and research are central to the course. May be repeated for a maximum of 6 hours.

ART 4905-Directed Individual Studies v. 1-3

A maximum of 15 credits may be accumulated in directed individual studies.

ART 4929C-Senior Project 3

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.

ART 4935-Seminar v. 1-3

A maximum of 15 credits may be accumulated in seminars.

ART 4965C-Fine Arts Portfolio 3

An outgoing portfolio, representative of the student's work, will be assembled by the student with the guidance and approval of the art faculty.

GRA 2190C-Introduction to Graphic Design 3

Prerequisites: ART 1201C, ART 2203C, ART 1300C, ART 2301C, and ART 2605C. The course explores the fundamentals of Graphic Design. Students will develop an understanding of the design principles through class projects. The process of design will be stressed, including research, sketches and computer generated compositions. Students will develop an understanding of the industry and will be exposed to contemporary designers. The course will include various methods of investigation to developing an appreciation of visual communication. (*A material fee of \$30 will be assessed.*)

GRA 3118C-Publication Design 3

Prerequisites: GRA 3183C, GRA 3203C. 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. (*A material fee of \$30 will be assessed.*)

GRA 3183C-Typography Studio 3

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. (*A material fee of \$30 will be assessed.*)

GRA 3203C-Prepress Production 3

Prerequisites: GRA 2190C. 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. (*A material fee of \$30 will be assessed.*)

GRA 3512C-Corporate Identity 3

Prerequisites: GRA 3183C, GRA 3203C. This course explores the application of visual identity systems for large and small companies. Comprehensive research on color symbolism, graphic forms, typography and design is examined. The research will be applied to designing identity systems while stressing creative solutions and originality. (*A material fee of \$30 will be assessed.*)

GRA 3523C-Introduction to Web Design 3

Prerequisites: *PGY 1800C, GRA 3880C.* This studio course focuses on the creative and technical skills necessary for Web design. Students explore techniques used in building graphics for the Web, along with the fundamentals of Web design and HTML. An emphasis is placed on the differences between print and Web design. Interface design, user experience, site management and browser compatibility issues are discussed. Through the use of in-class lectures, demonstrations, and critiques students develop a Web design vocabulary. (A material fee of \$30 will be assessed.)

GRA 3833C-Motion Graphics 3

Prerequisites: *PGY 1800C, GRA 3880C.* 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. (A material fee of \$30 will be assessed.)

GRA 3880C-Illustration 3

Prerequisite: *GRA 2190C.* 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.

GRA 4137C-Advanced Web Design 3

Prerequisite: *GRA 3523C.* 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, Site Evaluation and Collaboration. (A material fee of \$30 will be assessed.)

GRA 4154C-Advanced Illustration 3

Advanced problems and techniques of conceptual and editorial illustration. Problems and demonstration in a variety of media-methods of presentation.

GRA 4186C-Senior Design Studio 3

Prerequisites: *GRA 3183C and GRA 3512C.* This course focuses on the refinement of students' 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. (A material fee of \$30 will be assessed.)

GRA 4189C-Graphic Design Portfolio 3

Prerequisites: *Senior status, GRA 4186C.* This course focuses on the development and execution of a graphic design and digital media portfolio. Emphasis will be placed on printed and digital portfolios, including an online format. Topics include the creation of personal business packet and self promotional pieces. Interview and job search skills will be discussed and developed. Individual assignments will be given to strengthen and round out each portfolio. (A material fee of \$30 will be assessed.)

GRA 4423-Business of Graphic Design 3

Prerequisites: *Senior status, GRA 3512C.* Through lectures, discussions, and various assignments, students will be exposed to the legal and business issues affecting graphic designers today. Design topics such as freelancing, starting a design firm, pricing, estimating, invoicing and copyright will be examined. Case-studies and role-playing will be used to strengthen professional conduct and introduce best practices. An emphasis will be placed on the designer-client relationship.

GRA 4712C-Digital Video Technology 3

Prerequisite: *GRA 3833C.* This course explores the art of story telling and video editing using non-linear digital video editing. Topics will include: Discussion on the latest advances in desktop video applications, special effects and the role these new technologies play in video production.

GRA 4940-Internship in Graphic Design 3

Prerequisites: *Senior standing and completion of three upper-level graphic design courses and consent of coordinator.* 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.

PGY 1800C-Digital Photography for Design 3

Prerequisite: *ART2605C.* 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 \$30 will be assessed.)

PGY 2110C-Color Photography 3

Prerequisites: *PGY 2401C and PGY 3410C.* The aesthetics and technology of color photography. Differences in various color films and the use of filters. Assignments in color transparencies and color negative printing. (A material fee of \$50 will be assessed.)

PGY 2401C-Black & White Photography 3

Laboratory procedures, methods and materials in the use of the camera; technical darkroom and creative applications for individual expression and commercial potential in photography. A 35mm or 120 roll-type camera is required. (A material fee of \$50 will be assessed.)

PGY 3234C-Fashion Photography as Art 3

Prerequisites: **PGY 2401C, PGY 3410C, PGY 2110C.** This course utilizes studio and location approaches to photographic fashion design and illustration. The course is designed to teach the student the "Art of Fashion Photography". This implies "ART" as the main ingredient in the work to be accomplished. This course will explore the origins of fashion photography to the modern concept as visualized in current fashion magazines and other venues. Students will demonstrate critical thinking as it applies to this profession along with feminist dialogues concerning such imagery. The course will instruct the student in the professional use of transparency film and use digital photography as it applies to the profession of fashion photography, along with the use of studio fashion lighting. (A material fee of \$50 will be assessed.)

PGY 3410C-Intermediate Photography 3

Prerequisite: **PGY 2401C.** Advanced techniques in black and white and in color. Assignments in photo illustration and the use of photography as a subjective means of expression and communication; its application as an art form and use in cultural documentation. (A material fee of \$50 will be assessed.)

PGY 3801C-Digital Imaging Photo Majors 3

Prerequisite: **PGY 2401C.** This course involves contemporary computer technology for use in photography. Students apply software as a creative tool for darkroom functions. Projects in black and white, and color manipulation are required. Basic computer competency is required. (A material fee of \$50 will be assessed.)

PGY 4105C-The Fine Print 3

Prerequisites: **PGY 2401C and PGY 3410C.** This course is designed to teach the methods and techniques inherent in making "Fine Print." The Fine Print is defined as a final print that contains all correct tonal values for the given subject base on the zone system.

PGY 4201C-Advanced Lighting Principles 3

Prerequisites: **PGY 2401C, PGY 3410C PGY 2110C.** This course introduces the student to artificial sources of light. These sources are studied and analyzed to enable the student to discern and employ light effectively and creatively through the use of studio lighting and non-studio flash photography. (A material fee of \$50 will be assessed.)

PGY 4213C-Classic Black & White Portraiture 3

Prerequisites: **PGY2401C, PGY3410C and PGY 2110C.** This course introduces students to a complex and diverse lighting system focused on the intrinsic 1930s and 1940s level of photographic portraiture. Students will read and concentrate on visual patterns of light forms established by photographic portrait masters such as Hurrell, Beaton, and others who have visually inculcated their designs into western visual culture. (A material fee of \$50 will be assessed.)

PGY 4220C-Advanced Photo Illustration 3

Prerequisites: **PGY 2401C, PGY 3410C, PGY 4201C, PGY 2110C, PGY 3801C.** Course emphasis is on studio photography with strong concentration in large format (4x5) camera techniques for commercial application. Students are required to solve specific conceptual and design problems.

Emphasis is placed on achieving professional results comparable to contemporary advertising and media images. (A material fee of \$50 will be assessed.)

PGY 4443C-Photo Arts 3

Prerequisites: **PGY 2401C, PGY 3410C, PGY 3801C.** This course will explore alternative ways of imaging with photographic materials. Emphasis will be on historical and contemporary techniques, as well as on the hand-altered photograph and its potential for artistic expression. (A material fee of \$50 will be assessed.)

PGY 4470C-Senior Photo Portfolio 3

Prerequisite: **Senior status as a photography student.**

Students work on preparation of a final portfolio, based on individual style and concept development based on the student's need of continued education, or professional placement. (A material fee of \$50 will be assessed.)

PGY 4610-Photojournalism 3

Prerequisite: **PGY 2401C.** Camera reporting and feature photography; practice in telling a story with pictures for the mass media; ethical practices in photographic use in publication. Student supplies own camera and materials. (A material fee of \$50 will be assessed.)

BIOLOGY

BOT 2010C-Botany4

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 \$30 will be assessed.)

BOT 3151C-Local Flora 4

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 \$25 will be assessed.)

BOT 3712C-Plant Systematics & Evolution 4

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 \$25 will be assessed.)

BOT 4503C-Plant Anatomy & Physiology 4

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 \$25 will be assessed.)

BSC 1005C-Principles of Biology 4

This course is designed to introduce students to the science life. This survey will cover topics ranging from the molecular

components of the cell, to the interaction of organisms with their environment. The goal of this course is to familiarize students with diverse components of life, provide an opportunity for students to work in the laboratory, as well as introduce the majors areas of study within the discipline.

BSC 1010C-General Biology I 4

An introduction to biology with emphasis on the cellular level. Three hours lecture, four hours laboratory. (A laboratory fee of \$30 will be assessed.)

BSC 1011C-General Biology II 4

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 of lecture and one hours of laboratory in this course.

BSC 1930-Current Applications in Biology 2

In this course biological principles and research are applied to modern life. Topics will vary from semester to semester.

BSC 2012C-General Biology III 4

Prerequisites: BSC1010C, BSC1011C. 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.

BSC 2020C-Human Biology 4

This is an introduction to the science of biology with emphasis on the structures and functioning of the human organism. Three hours lecture, four hours laboratory. (A laboratory fee of \$30 will be assessed.)

BSC 2085C-Human Anatomy & Physiology I 4

This course includes units concerning the organization of the human body, support and movement, the nervous system and special senses, and the endocrine system. (A laboratory fee of \$30 will be assessed.)

BSC 2086C-Human Anatomy & Physiology II 4

Prerequisite: BSC 2085C. This course is a continuation of BSC 2085C and 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. (A laboratory fee of \$30 will be assessed.)

BSC 2930-Selected Topics - Biology v. 2-4

Prerequisite: Permission of instructor. Variable topics in biology appropriate for students in their freshman or sophomore years.

BSC 3052-Conservation Biology 3

Prerequisite: BSC 1010C, BSC 1011C, BSC 2012C.

This course will investigate the major causes responsible for declining global biodiversity and its implications.

BSC 3053-Health Effects of Environmental Pollution 3

Prerequisites: BSC 1010C, BSC 1011C, BSC 2012C. This course is about the environment, specifically about the substances called pollutants and how they affect the living organisms on this planet. This course will examine the major groups of pollutants in terms of their sources, levels in the environment and their actual effect on living systems. Three hours lecture.

BSC 3057-Introduction to Environmental Studies 3

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.)

BSC 3263-Marine Biology 3

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.

BSC 4054-Environmental Toxicology 3

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.

BSC 4905-Directed Independent Study in Biology v. 1-3

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.

BSC 4930-Selected Topics in Biology v. 1-4

Prerequisite: Permission of instructor. This course deals with various recent advances in biology. May be repeated for a total of 12 credits.

BSC 4931-Senior Seminar in Biology 2

Prerequisite: Senior standing or permission of department. Field, laboratory or library studies will be required in senior seminar. Students who choose field or lab studies must complete BSC 4905-Directed Independent Study before enroll-

ing in senior seminar. Note: Senior Seminar is only offered fall and spring semesters. May be repeated for a total of 12 credits.

MCB 2010C-Microbiology 4

Prerequisites: *BSC 1010C and CHM 2045C.* The spectrum of the microbial world with emphasis on cell structure, reproduction, and physiology. Three hours lecture, four hours laboratory. (A laboratory of \$30 will be assessed.)

MCB 3020C-Microbial Biology 4

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. A \$25 lab fee will be assessed.

MCB 3212-Biological & Medical Aspects of AIDS 3

Prerequisites: *BSC 1010C or permission of instructor.* This course offers information on the biology of human defense and failure of that defense which results in HIV disease/AIDS. Topics include the biology and immunology of the AIDS virus, its opportunistic infections, clinical reasons for therapy failure, prevention, prevalence in U.S. and other countries and HIV testing.

MCB 4503-Virology Lecture 3

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.

OCE 4930-Special Topics in Marine Science v. 2-4

Topics will vary from time to time but may include estuarine biology, marine chemistry and mariculture.

PCB 3023C-Molecular & Cell Biology 4

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. (A laboratory fee of \$25 will be assessed.)

PCB 3043C-Principles of Ecology 4

Prerequisites: *BSC 1010C, BSC 1011C, BSC 2012C.* A study of the basic principles involved in the functioning of ecological systems, with special reference to the major terrestrial and aquatic ecosystems of Florida. Three hours lecture, four hours laboratory and field work. (A laboratory fee of \$25 will be assessed.)

PCB 3063C-Genetics 4

Prerequisites: *BSC 1010C, BSC 1011C, BSC 2012C.* Principles of classical and molecular genetics revealed by studies on nuclear and extranuclear inheritance. Three hours lecture, four hours laboratory. (A laboratory fee of \$25 will be assessed.)

PCB 4067-Molecular Basis of Inheritance 3

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.

PCB 4233-Immunology 3

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.

PCB 4234-Biology of Cancer 3

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.

PCB 4253C-Developmental Biology 4

Prerequisites: *PCB 3023C, PCB 3063C.* 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 \$30 will be assessed.)

PCB 4301C-Limnology 4

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 \$30 will be assessed.)

PCB 4674-Evolution 3

Prerequisites: *PCB 3043C, PCB 3063C or permission of the instructor.* 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 led to our current understanding of the subject.

PCB 4713C-Physiology 4

Prerequisites: *PCB 3023C, PHY 2054, and PHY 2054L.* The study of functional activities and interactions of cells, tissues and organs, with emphasis on respiration, excitation, transport phenomena, and control mechanisms. Three hours lecture, four hours laboratory. (A laboratory fee of \$25 will be assessed.)

PCB 4843-Cellular & Molecular Neuroscience 3

Prerequisites: *PCB 3023C or 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.

ZOO 2203C-Invertebrate Zoology 4

Prerequisite: *Zoology or equivalent.* A survey of the invertebrate phyla from the protozoa through the lower chordata, emphasizing comparative aspects of morphology and embryology as well as ecology and distribution. Three hours lecture, four hours laboratory. (A laboratory fee of \$30 will be assessed.)

ZOO 3713C-Comparative Vertebrate Anatomy 4

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 \$25 will be assessed.)

ZOO 4234C-Parasitology 4

Prerequisites: *BSC 1010C, BSC 1011C, and BSC 2020C.* 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 \$30 will be assessed.)

ZOO 4454C-Ichthyology 4

Prerequisites: *BSC 1011C and BSC 2020C.* 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. (A laboratory fee of \$30 will be assessed.)

ZOO 4462C-Herpetology 4

Prerequisites: *BSC 1010C, BSC 1011C, and BSC 2012C.* Study of the natural history of amphibians and reptiles with emphasis on systematics and evolutionary adaptations. Three hours lecture, two hours laboratory and two hours field work. (A laboratory fee of \$25 will be assessed.)

ZOO 4715C-Introduction to Canine Anatomy 4

Prerequisites: *BSC 1010C, BSC 1011C and BSC 2020C.* In this course we will study the dog as a model of mammalian anatomy. The course has obvious appeal to students pursuing studies in veterinary medicine, but those interested in other pre-professional fields will definitely benefit. The emphasis will be heavily on laboratory dissections, which are held three times a week, and will be supplemented with two lectures a week. The dissection approaches are often those taken for surgery, and many structures not located in previous courses will be found. Students will work in groups of up to four, and, to assure that all students are actively involved, dissection duties will be rotated daily within groups.

ZOO 4753C-Histology 4

Prerequisites: *BSC 1010C, BSC 1011C, and BSC 2020C.* This course focuses on the structure and function of cells, tissues and organs. Students will learn to identify all major cell types and their functions in the human body. Lecture material will be integrated in the lab through histological diagnostics at the light microscope and preparation of microscope slides.

Three hours lecture, four hours laboratory. (A laboratory fee of \$30 will be assessed.)

ZOO 4823C-General Entomology 4

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.

CHEMISTRY & PHYSICS

AST 2002-Basic Astronomy 3

Prerequisites: *High school algebra and trigonometry.* Survey of current knowledge of the astronomical universe and of how that knowledge has been accumulated. Students will study the solar system, stars, and galaxies, and will review contemporary research and exploration. There will be occasional observing sessions. Three hours lecture.

AST 2002L-Basic Astronomy Lab 1

Corequisite: *AST 2002 or permission of instructor.* An introductory laboratory course with exercises on vision and optics, telescope structure and design, and observing the sun, moon, planets, nebula, and other sky objects. Some required observing sessions will occur at times other than the scheduled laboratory class. Three hours laboratory. (A laboratory fee of \$25 will be assessed.)

BCH 3023C-Bioorganic Chemistry 4

Prerequisite: *CHM 1025C.* The carbon chemistry of biological substances, the structure and function of biological molecules and elementary metabolism. (Cannot be used by natural science majors to satisfy degree requirements). Three hours lecture, four hours laboratory. (A laboratory fee of \$25 will be assessed.)

BCH 4033-Biochemistry 3

Prerequisite: *CHM 3120C, CHM 2211, CHM 2211L.* This course introduces students to catabolic, anabolic and energetic processes in living systems. Emphasis is on the relationships between the molecular structure and the interactions of biological molecules. Three hours lecture.

BCH 4033L-Biochemistry Lab 1

Corequisite: *BCH 4033.* This laboratory course is an introduction to biochemical properties of biological systems, basic biochemistry/molecular biology procedures. Four hours laboratory. (a laboratory fee of \$25 assessed.)

CHM 1025C-Introduction to Chemistry 3

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. Laboratory work introduces units, chemical calculations and stoichiometry, quantitative measurements and techniques for simple synthesis of compounds. This course is for students who have no previous chemistry, including high school chemistry. This course cannot be used by natural science majors to satisfy degree requirements. There will be two hours lecture and four hours laboratory. (A laboratory fee of \$25 will be assessed.)

CHM 2045C-General Chemistry I	4	CHM 4130C-Modern Analytical Chemistry	5
Prerequisite: CHM 1025C or high school chemistry with a minimum grade of "B" and high school algebra. Stoichiometry, gases, liquid and solids, atomic structure, chemical bonding, acids and bases, solutions and their properties, reaction rates and equilibrium and descriptive chemistry of selected elements. Three hours lecture, four hours laboratory. (A laboratory fee of \$25 will be assessed.)		Prerequisites: CHM 3120C, CHM 4410C. This course emphasizes instrumental methods of analytical investigation including atomic absorption spectroscopy, potentiometry, electrogravimetry, nuclear magnetic resonance spectroscopy, gas chromatography/mass spectrometry and high performance liquid chromatography. Three hours lecture, four hours of scheduled laboratory, additional unscheduled laboratory work required. (A laboratory fee of \$25 will be assessed.)	
CHM 2046C-General Chemistry II	4	CHM 4260C-Advanced Organic Chemistry	4
Prerequisite: CHM 2045C or equivalent. A continuation of general chemistry I. Thermodynamics, electrochemistry, aqueous equilibria and qualitative analysis. Three hours lecture, four hours laboratory. (A laboratory fee of \$25 will be assessed.)		Prerequisites: CHM 2211, CHM 2211L. An in-depth study of the bonding theory (including valence bond and molecular orbital approach). Stereochemistry, conformation, structure and reactivity, kinetic and non-kinetic techniques of determining organic reaction mechanisms, some modern synthetic methods and introduction to pericyclic reactions. Three hours lecture, four hours laboratory. Note: Students are required to bring a combination lock to class on the first day of lab. (A laboratory fee of \$25 will be assessed.)	
CHM 2210-Organic Chemistry I	3	CHM 4410C-Physical Chemistry I	4
Prerequisite: CHM 2046C or equivalent. 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.		Prerequisites: CHM 2046C or equivalent, PHY 2054/PHY 2054L or PHY 2049/PHY 2049L, MAC 2312. Energetics and chemical affinity; states of matter and changes of state; solutions. Three hours lecture, four hours laboratory. (A laboratory fee of \$25 will be assessed.)	
CHM 2210L-Organic Chemistry I Laboratory	1	CHM 4411C-Physical Chemistry II	4
Corequisite: CHM 2210. Techniques used in organic laboratories such as crystallization, distillation chromatography. Four hours laboratory. Natural science majors must co-enroll in CHM 2210/CHM 2210L. Note: Students are required to bring a combination lock to class on the first day of lab. (A laboratory fee of \$25 will be assessed.)		Prerequisite: CHM 4410C. Reaction rates; interfaces; the chemical bond; photochemistry. Three hours lecture, four hours laboratory. (A laboratory fee of \$25 will be assessed.)	
CHM 2211-Organic Chemistry II	3	CHM 4473-Introduction to Quantum Chemistry	3
Prerequisites: CHM 2210, CHM 2210L. A continuation of CHM 2210. Natural Science majors must co-enroll in CHM 2211L. Three hours lecture.		Prerequisite: CHM 4411C. The application of Schrodinger's equation to the problems of atomic structure and chemical bonding. Three hours lecture.	
CHM 2211L-Organic Chemistry II Lab	1	CHM 4910-Chemical Research	v. 2-4
Corequisite: CHM 2211. Continuation of CHM 2210L; emphasis on organic synthesis. Four hours laboratory. Natural Science majors must co-enroll in CHM 2211/CHM 2211L. Note: Students are required to bring a combination lock to class on the first day of lab. (A laboratory fee of \$25 will be assessed.)		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 chemistry electives. (A laboratory fee of \$25 will be assessed.)	
CHM 2930-Selected Topics in Chemistry	v. 2-4	CHM 4930-Selected Topics: Chemistry	v. 1-4
Prerequisite: Permission of instructor. Variable topics in chemistry appropriate for students in their freshman or sophomore years.		Prerequisite: Permission of instructor. Variable topics as related to recent advances in chemistry. May be repeated for a total of 12 credits.	
CHM 3120C-Quantitative Analytical Chemistry	4	CHM 4931-Senior Seminar in Chemistry	1
Prerequisite: CHM 2046C or equivalent. Principles and practice of quantitative analysis with emphasis on gravimetric and titrimetric methods. Three hours lecture, four hours laboratory. Note: Students are required to bring a combination lock to class on the first day of lab. (A laboratory fee of \$25 will be assessed.)		Prerequisite: Senior chemistry major or permission of department. 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.	
CHM 3610C-Inorganic Chemistry	4	CHM 4970-G(W) Honors Research	v. 1-6
Prerequisite: CHM 4410C. Corequisite: CHM 2211, CHM 2211L. A study of inorganic chemical systems based upon the principles of physical chemistry. Three hours lecture, four hours laboratory. Note: Students are required to bring a combination lock to class on the first day of lab. (A laboratory fee of \$25 will be assessed.)		Prerequisites: Admission to the Honors in the Major track in chemistry and CHM 4910. The course provides a vehicle for students to work closely with a sponsoring faculty	

member on an individually supervised research project. The student will prepare an Honors thesis, which will be presented at a departmental seminar. Students must enroll for six hours total, which will usually be spread over two semesters. Gordon Rule Additional Writing credit.

CHS 4610-Environmental Chemistry 3

Prerequisites: CHM 3120C, CHM 2210, and CHM 4410C. This course examines the sources, reactions, transport, effects and fates of chemical species in the water, soil and air environments. Three hours lecture.

CHS 4610L-Environmental Chemistry Lab 1

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. Four hours laboratory. (A laboratory fee of \$25 will be assessed.)

ESC 2000C-Earth Science 3

This course is an introduction to the earth as a system including the lithosphere, atmosphere, and the hydrosphere. Topics for discussion will include the formation of the earth and the evolution of its landscape, the atmosphere and concepts of weather and climate, the evolution of the ocean basins and the impact of the oceans on the continents, and human's impact on the earth systems. There will be two hours lecture and three hours laboratory. (A laboratory fee of \$25 will be assessed.)

ISC 2074-Colonization of Space 2

Prerequisite: AST 2002 or equivalent. In this course students will study the ongoing exploration of outer space, with special attention paid to economically important activities such as weather, communication, navigation and earth resources, satellites, and planned facilities, such as the space station, satellite power stations, manufacturing facilities and colonies. Two hours lecture.

PHY 1020C-Introduction to Physics 3

Prerequisite: High school algebra. This course is an introduction to physics involving a study of motion, forces, conservation laws, heat, entropy, electricity, magnetism, waves, relativity and quantum theory. The cultural aspects of physics and the scientific method will be included. This course is for students who have had no previous physics, including high school physics. (The course cannot be used by natural science majors to satisfy degree requirements.) There will be two hours lecture and three hours laboratory. (A laboratory fee of \$25 will be assessed.)

PHY 2048-Calculus-Based Physics I 4

Prerequisites: MAC 2311 and high school physics with a minimum grade of "B" or PHY 1020C. **Corequisite:** MAC 2312. An introduction to the fundamental laws and theories of physics with an emphasis on mechanics, heat and wave motion. Four hours lecture.

PHY 2048L-Calculus-Based Physics I Lab 1

Corequisite: PHY 2048. Laboratory exercises to accompany PHY 2048. Three hours laboratory. (A laboratory fee of \$25 will be assessed.)

PHY 2049-Calculus-Based Physics II 4

Prerequisites: PHY 2048 and MAC 2312. A continuation of PHY 2048 with emphasis on electricity, magnetism and light. Four hours lecture.

PHY 2049L-Calculus-Based Physics II Lab 1

Corequisite: PHY 2049. Laboratory exercises to accompany PHY 2049. Three hours laboratory. (A laboratory fee of \$25 will be assessed.)

PHY 2053-Algebra-Based Physics I 3

Prerequisites: MAC 1105, MAC 1114 or MAC 1147 and high school physics with a minimum grade of B or PHY 1020C. An introduction to mechanics, waves and heat. Calculus not required. Three hours lecture.

PHY 2053L-Algebra-Based Physics I Lab 1

Corequisite: PHY 2053. Laboratory exercises to accompany PHY 2053. Three hours laboratory. (A laboratory fee of \$25 will be assessed.)

PHY 2054-Algebra-Based Physics II 3

Prerequisite: PHY 2053. An introduction to electricity, magnetism, light and modern physics. Calculus not required. Three hours lecture.

PHY 2054L-Algebra-Based Physics II Lab 1

Corequisite: PHY 2054. Laboratory exercises to accompany PHY 2054. Three hours laboratory. (A laboratory fee of \$25 will be assessed.)

PHY 2930-Selected Topics in Physics v. 2-4

Prerequisite: Permission of instructor. Variable topics in physics appropriate for students in their freshman or sophomore years.

PHY 3101-Modern Physics 3

Prerequisite: PHY 2049. **Corequisite:** MAC 2313. The 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. Three hours lecture.

PHY 3101L-Modern Physics Lab 1

Corequisite: PHY 3101 or permission of instructor. Experiments exploring 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. Four hours laboratory. (A laboratory fee of \$25 will be assessed.)

PHY 3220-Classical Mechanics 4

Prerequisites: PHY 2049 and MAC 2312. **Corequisite:** MAP 2302. Principles of Newtonian mechanics 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. Four hours lecture.

PHY 3320-Electricity & Magnetism 4

Prerequisites: PHY 2049 and MAC 2313. The 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; computational methods applied to electricity and magnetism. Four hours lecture.

PHY 3424-Optics 3

Prerequisites: PHY 2049 and MAC 2313. Geometrical and physical optics. Treatment of lenses and mirrors, optical instruments, interference, diffraction and polarization phenomena, and computational methods applied to optics. Three hours lecture.

PHY 3722C-Electronics for Scientists 4

Prerequisites: PHY 2049 and MAC 2312. This is an introductory course in electronic design and circuitry with emphasis on common scientific instrumentation. Three hours lecture.

PHY 4523-Thermodynamics & Statistical Mechanics 3

Prerequisites: PHY 3101 or CHM 4410C, and MAC 2313. Introduction to thermodynamics, statistical mechanics and kinetic theory, including ensembles and partition functions. Three hours lecture.

PHY 4604-Quantum Mechanics 4

Prerequisites: PHY 3101, MAC 2313, and MAP 2302. 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. Four hours lecture.

PHY 4802L-Advanced Physics Laboratory 2

Prerequisite: PHY 3101L. This course consists of experiments in condensed matter, nuclear and other areas of physics research, including computational physics and optical physics. The student will learn how to use the computer to control experiments and obtain and analyze data. Six hours laboratory. (*A laboratory fee of \$25 will be assessed.*)

PHY 4905-Directed Independent Study in Physics v. 2-4

Prerequisite: Permission of instructor. Participation in research investigation under the supervision of an instructor. May be repeated up to 12 hours for credit under different topics.

PHY 4910-Physics Research & Seminar 3

Prerequisites: Junior or senior standing and consent of instructor, PHY 3101L. Projects in experimental, theoretical, or computational physics conducted in collaboration with physics faculty. This course requires an oral and written research report by the student

PHY 4930-Selected Topics in Physics v. 1-4

Prerequisite: Permission of instructor. Applications of physics to topics of interest, especially to recent advances in physics. May be repeated up to 12 hours for credit under different topics.

PHZ 3113-Mathematical Physics 3

Prerequisites: PHY 2049 and MAC 2313. Corequisite: MAP 2302. Application of mathematical methods to physics in areas including vector analysis, matrices and group theory, complex analysis, Fourier series and transforms, special

functions, boundary-value problems, and numerical methods. Three hours lecture.

PHZ 3404-Solid State Physics 3

Prerequisite: PHY 3101. The electrical, mechanical, optical and thermal properties of solids, and selected applications. Three hours lecture.

PHZ 4160-Advanced Topics in Physics 4

Prerequisites: PHY 3220, PHY 3320, and PHY 4604. This 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. Four hours lecture.

PHZ 4303-Nuclear Physics 3

Prerequisites: PHY 3101 and PHY 4604. An introductory course emphasizing nuclear structure, radioactivity, radiation detection methods, and nuclear reactions, and applications. Three hours lecture.

PSC 4905-Directed Independent Study v. 2-4

Prerequisite: Permission of instructor. Variable topics as related to recent advances in physics. May be repeated up to 12 credits with different topics.

COMMUNICATION

ADV 3008-Principles of Advertising 3

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.

ADV 3101-Advertising Copywriting 3

Prerequisites: ADV 3008 and MMC 3105. Preparation and production of advertising copy for all media.

ADV 3200C-Advertising Design 3

Prerequisite: ADV 3008 and ADV 3101. 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.

ADV 3300-Media Planning 3

Prerequisites: ADV 3008 and MMC 3105. 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.

ADV 4800-Advertising Campaigns 3

Prerequisites: ADV 3008, ADV 3101 and MMC 3105. 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.

COM 2000-Introduction to Communication Studies 3

This course lays a foundation for the study of human communication, including interpersonal, language, nonverbal, group, intercultural, organizational, mass, and public communication. Students will participate in individual and small group communication learning activities which will examine theories of how individuals in societies function through communication.

COM 3042-Interpersonal Communication 3

Prerequisites: COM 2000, SPC 2600. 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, non-verbal communication, culture, emotions, and conflict.

COM 3120-Organizational Communication 3

Prerequisites: COM 2000, SPC 2600. 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.

COM 3346-Interviewing: Theory/Methods 3

Prerequisite: COM 2000, SPC 2600, or permission of instructor. This course will examine the research and methods of interviewing, including employment interviewing, journalistic interviewing, and focus group and oral history interviewing. Students will explore the theories of interviewing from both an employer's and an employee's perspective, as well as that of a broadcaster, a news reporter, and an academic. In addition, students will learn theories of the role of the interviewee. This course emphasizes researching and applying interviewing theory.

COM 3440-Small Group Communication 3

Prerequisites: SPC 2600, COM 2000. This course will introduce theories regarding the interaction of individuals in groups. Assignments and activities will increase understanding of communication in groups encountered in both personal and professional contexts. Topics include systems theory, decision-making, problem-solving, leadership, power and status, parliamentary procedure, and group development.

COM 3932-Special Topics in Communication 3

Prerequisites: MMC 3614 or permission of instructor. Topics or issues of importance in communication studies form the focus of this course. May be repeated for up to 9 credits under different topics/issues.

COM 4022-Theory/Research Health Communication 3

Prerequisite: COM 3042 or 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.

COM 4301-Communication Theory & Research Methods 3

Prerequisite: COM 2000, SPC 2600, or permission of instructor. 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.

COM 4411-Communication & Popular Culture 3

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?

COM 4430-International Communication 3

Prerequisite: COM 2000, MMC 3614, or permission of instructor. 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.

COM 4905-Independent Study in Communication 3

Prerequisite: Consent of instructor and department chair. Course subjects in communication studies will vary with each offering. This course may be repeated once for a maximum of six credits.

COM 4930-Special Topics / Seminar in Communication 3

Prerequisites: 18 credits at a "C" or higher in communication studies courses including the core requirements 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.

JOU 3101-Advanced Reporting 3	MMC 1004-Media Literacy 3
<i>Prerequisite: MMC 3105.</i> Reporting techniques, interviewing and the basic process of print news production are covered. In addition, the course introduces students to various reporting coverage specialties, including courts, business, government, science and law enforcement. Students will be involved in completing both in-class and out-of-class assignments.	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.
JOU 3204-Principles of Journalism 3	MMC 2701-CD-Communication Across Cultures 3
This course offers a historical investigation of American journalism. The course examines American journalistic development and history as a product of the social, cultural, historical, and political environment.	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.
JOU 3302-Writing Editorials, Columns & Critical Reviews 3	MMC 2932-Special Topics in the Mass Media 3
<i>Prerequisites: MMC 3105 and JOU 3101.</i> This course introduces students to the practice of persuasive or opinion writing through the writing of editorials, columns and critical reviews.	Students will explore issues of topical importance within the mass media. Issues will vary from semester to semester. May be repeated up to a total of 12 credits.
JOU 3308-Magazine Feature Writing 3	MMC 3105-Advanced Writing for The Media 3
<i>Prerequisites: MMC 3105 and JOU 3101.</i> 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.	This course is an advanced, skills-based writing experience designed to prepare students to enter discipline-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.
JOU 3925-Applied Journalism (Print) 3	MMC 3200-Law & Ethics of Communications 3
<i>Prerequisites: MMC 3105 and JOU 3101 or consent of the instructor.</i> 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. Applied Journalism may be repeated up to six credits, but not for major credit.	Study of mass communications ethics, codes and performance. First Amendment law, libel, privacy and other legal aspects of communications are explored. Case-study questions.
JOU 3930-Special Topics in Journalism 3	MMC 3402-Political Advertising 3
This course will explore issues in journalism.	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.
JOU 4117-Seminar Reporting Techniques 3	MMC 3614-Media Theories and Effects 3
<i>Prerequisites: MMC 3105 and JOU 3101 or consent of the instructor.</i> 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.	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.
JOU 4202-Advanced Newspaper Editing 3	MMC 3620-International Study in Communication v. 1-6
<i>Prerequisites: MMC 3614, MMC 3105, and JOU 3101.</i> This course emphasizes news selection and judgment, creativity in editing and presentation, and design for the World Wide Web. Students will complete print and online publications using student reporting assignments.	Students can earn up to six hours of credit through the study of the international issues involved in both interpersonal and mass communication. Prior approval awarded on a case-by-case basis, is necessary. The course may be repeated for credit. The content of the course varies with offering.
JOU 4412-Advanced Newspaper Design 3	MMC 3932-Special Topics in Mass Communication 3
<i>Prerequisites: MMC 3614, MMC 3105, JOU 3204, JOU 3101 and JOU 4202.</i> Advanced Newspaper Design is a continuation of Advanced Newspaper Editing (JOU 4201). This course emphasizes news selection and judgment, creativity in editing and presentation, and design for the World Wide Web. Students will complete print and online publications using student reporting assignments.	<i>Prerequisites: MMC 3614, MMC 3105.</i> This course explores the structure, function, process and impact of the mass media in both the United States and abroad. Topics will vary from semester to semester. May be repeated up to a total of 12 credits under different topics.

MMC 4251-Creating Health Messages for Mass Media 3

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.

MMC 4420-Mass Communications Research 3

Prerequisites: MMC 3614. 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.

MMC 4424-Honors Research in Mass Communication 3

Prerequisites: Admissions to Honors in the Major-Mass Communications, MMC 3105 with "B" or higher. Honors Research in Mass Communications enables students to conduct research in Mass Communications under the direct supervision of qualified faculty. Students develop their ideas, conduct appropriate research, and write an extended research report. GPA of 3.5, enrollment in Honors Program, and enrollment in BS in Mass Communication required.

MMC 4905-Independent Study v. 1-3

Prerequisite: Consent of instructor or department chairperson. May be repeated for a maximum of 12 credits under different topics.

MMC 4930-Seminar v. 1-3

Prerequisites: MMC 3614, MMC 3105 and consent of instructor. May be repeated for a maximum of 6 credits under different topics.

MMC 4975-Senior Project 3

Prerequisites: MMC 3614, MMC 3105 and MMC 3205. The capstone course is an opportunity for students to demonstrate that they have achieved the goals of learning established by the university, the college and the department. The course integrates course work, knowledge, skill and experience to demonstrate a broad mastery of learning across the curriculum.

PUR 3000-Principles of Public Relations 3

Survey of principles, policies and practice of public relations, focusing on planning, publics, techniques and agencies utilizing public relations. Individual or team projects involving actual public relations "clients".

PUR 3100-Public Relations Writing 3

Prerequisites: PUR 3000 and MMC 3105. 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.

PUR 4400-Crisis Communication 3

Prerequisites: PUR 3000 and MMC 3105. 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.

PUR 4800-Public Relations Campaigns 3

Prerequisites: MMC 3105, PUR 3000, PUR 3100, PUR 4801 or permission of instructor. 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.

PUR 4801-Public Relations Cases 3

Prerequisites: PUR 3000 and MMC 3105. Preparation 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.

RTV 3000-Principles of Broadcasting 3

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.

RTV 3101-Advanced Broadcast Writing 3

Prerequisites: MMC 3105, MMC 3614, and RTV 3000. This course is designed to provide a thorough understanding of the principles and practice of broadcast writing. Students will learn through practical exercises in various broadcast writing formats. The emphasis is to help the student develop critical skills in evaluating their own work and the work of their peers and to learn how to work as a team to create a script.

RTV 3220C-TV Production/Visual Arts TV 3

Prerequisite: 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. *(A material fee of \$15 will be assessed.)*

RTV 3234-Radio and TV Announcing 3

Prerequisite: MMC 3105. 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.

RTV 3301-Producing TV News 3

Prerequisites: RTV 3000. 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.

RTV 3324-Public Affairs Television 3

Prerequisites: RTV 3220C, RTV 3101, RTV 3301. This course will use a performance instruction technique that will

enable students to produce a regular public affairs television program. The program will be aired on commercial television. Students may repeat the course once.

RTV 3800-Broadcast Management 3

Prerequisite: *RTV 3000*. Students will learn the economic activities and management techniques of various aspects of the broadcast industry by studying business structures and practices of radio and television operations in different markets.

RTV 3930-Special Topics 3

Prerequisites: *MMC 3105 and RTV 3000*. This course will explore issues in radio and television.

RTV 4221C-Advanced Television Production 3

Prerequisite: *RTV 3220C*. This course will provide continuing instruction in television techniques learned in RTV 3220C. Advanced electronic field production will be utilized in the studio and on-location. There will be 6 hours of lab time per week.

RTV 4403-Media Criticism 3

Prerequisite: *RTV 3000*. 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.

RTV 4408-Non Fiction Programs 3

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.

SPC 2060-Fundamentals of Speech 3

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.

SPC 2600-Public Speaking 3

Prerequisite: *SPC 2060 or equivalent*. Principles of and practical experience in public speaking. Emphasis on ethical responsibility, careful selection and development of ideas, and logical organization of expository/argumentative/persuasive discourse.

SPC 3540-Theories of Persuasion 3

Prerequisites: *SPC 2060 or SPC 4064*. 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.

SPC 4064-Public Speaking for Professionals 3

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.

CAP 4774-Data Warehousing 4

Prerequisites: *COP 4720, CIS 4327*. This course provides an introduction to data warehousing concepts, requirements gathering, design, and implementation. Students learn about operational database integration, extraction, transformation, and loading of operational data to historical database systems such as operational data store and data warehouse. Students are provided with techniques for the analysis, design, denormalization, implementation, utilization, and documentation in the development of data warehouse systems. Structure query language for database and data warehouse will be studied and used to retrieve data and manipulate the information from the implemented databases. Students are required to complete and present a project to class in the data warehousing area.

CRIMINAL JUSTICE

CCJ 2002-Crime in America 3

This course is an introduction to the study of criminology/criminal justice. The course includes topics on: the crime problem in the U.S.; crime patterns and criminal behaviors; explanations for crime; systems of justice designed to deal with crime and their underlying philosophies; and preventive strategies.

CCJ 3023-Introduction to Criminal Justice 3

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.

CCJ 3501-Juvenile Delinquency & Juvenile Justice 3

A study of the definitions and etiology of delinquent behavior; the adjudication process for juveniles, both in theory and practice; and treatment procedures.

CCJ 3603-Criminological Theory 3

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.

CCJ 3700-Research Methods in Criminology & Criminal Justice 3

Prerequisites: *STA 2014*. 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.

CCJ 3930-Criminal Justice Junior Seminar 3

Prerequisite: *CCJ 2002*. This seminar is intended to introduce new majors to the discipline, to the program at UNF, to various careers in the field, and to knowledge sets designed to enhance performance both in the classroom and in professional life. This course should be taken as early in the student's career as possible.

CCJ 3932-Special Topics in Criminal Justice v. 1-4

This course involves analysis of variable topics in criminal justice. May be repeated for a total of 12 credits under different topics.

CCJ 4283-Philosophy of Law & Justice 3

An exploration of the philosophical bases of jurisprudence, with special attention to the relation between law, order and justice; an analysis of the moral rationale for punishment and the legalization of morality.

CCJ 4604-Crime & Mental Illness 3

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.

CCJ 4641-Organized Crime 3

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.

CCJ 4662-Minorities and Crime 3

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.

CCJ 4663-Women and Crime 3

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.

CCJ 4664-White Collar Crime 3

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.

CCJ 4680-Family Violence 3

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.

CCJ 4905-Directed Independent Study v. 1-4

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.

CCJ 4909-Criminal Justice Honors Research v. 1-6

Prerequisites: *Admission to the College of Arts and Sciences Honors Program, CCJ 3603, and SYA 3300*. This course provides a vehicle for students admitted to the Criminal Justice Honors program 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. Repeat up to six credits.

CCJ 4931-Controversial Legal Issues 3

An analysis of selected topics wherein legal decisions are the focus for conflicting ideological, political, moral or economic forces. Designed to enhance the student's understanding of the legal forum's role in the resolution of social conflict.

CCJ 4935-Special Topics in Criminal Justice Admin. v. 1-4

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.

CCJ 4938-Special Topics: Criminology v. 1-4

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.

CCJ 4939-Pre-Internship in Criminal Justice 3

Prerequisites: *Must have completed or be concurrently completing core courses with an overall 2.0 GPA; 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.

CCJ 4940-Internship in Criminal Justice 3

Prerequisite: *Completed all core required courses, 2.0 GPA (overall), and permission of instructor*. A planned program of experience in one or more criminal justice agencies. Supervised placement consisting of a total of 260 hours in-the-field work experience (approximately 20 hours per week) resulting in an in-depth written report in which work experiences are related to theoretical perspectives. Required for all pre-service students.

CJC 3410-Methods of Offender Treatment 3

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.

CJC 4015-Correctional Systems/Process 3

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.

CJC 4510-Punishment & Society 3

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.

CJE 3232-Drugs & Crime 3

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.

CJE 3281-Women & the Legal System 3

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.

CJE 4017-Law Enforcement System/Process 3

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.

CJE 4144-Security & Society 3

The origins and modern meanings of security are explored, especially as they interrelate with law enforcement and public safety, and the importance of security to the public as a whole is studied. The means of implementation in both public and private sectors are examined.

CJE 4201-Deviance & Social Control 3

This course explores multiple perspectives on the dialectic processes involved in the application of deviant labels. The course specifically examines formal and informal mechanisms of social control and how these structure social relationships and individual identity.

CJE 4211-Hate Crimes 3

This course presents an analysis of the origin and persistence of domestic hate crimes, and the criminal justice response to such crimes. The course will provide an overview of the organization and criminal activities of hate groups in the United States, and the historical roots of hate culture.

CJE 4270-Child Abuse 3

This course explores physical, emotional and verbal child abuse and neglect. Students will analyze the criminal dynamics, historical perspectives; effects and consequences; treatment responses for victims and perpetrators; and issues related to race, sex and class in child abuse and neglect.

CJL 4111-Criminal Law & Procedures II 3

Prerequisite: *CJL 4310*. This course is a study of selected legal topics of interest to the advanced student of criminal justice. The course includes coverage of defense to crimes, constitutional protection of the accused, post-conviction relief, and topics of current interest (such as capital punishments, plea bargaining and non-discriminatory jury selection).

CJL 4310-Criminal Law & Procedures I 3

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.

CJL 4315-Criminal Trials Seminar 3

Prerequisite: *CJL 4310*. 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.

CJL 4510-Court Systems and Processes 3

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.

ENGLISH**AML 3031-G(W) Periods Early American Literature 3**

Prerequisite: *One course in literature*. This course will consist of readings in American literature from the pre-colonial period to the Civil War, with particular attention devoted to two distinct periods. We will consider the ways in which such periods as "the colonial" or the "American Renaissance" are constructed. Gordon Rule English credit.

AML 3041-G(W) Periods of Later American Literature 3

Prerequisite: *One course in literature*. This course will consist of readings in American literature from the Civil War to the present, with particular attention devoted to two or more distinct periods. We will consider the ways in which such periods as the "modern" or "post-modern" are constructed. Gordon Rule English credit.

AML 3102-G(W) American Fiction 3

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. Gordon Rule English credit.

AML 3154-G(W) American Poetry 3	ENC 3250-G(W) Professional Communication 3
American poetry from the colonial period to the present, with variable emphasis. See department office for reading list. Gordon Rule English credit.	The primary emphasis of technical writing is on the basics of professional communication—research, organization, grammar/mechanics/style. We will also pay attention to the forms of professional communication—letters, memos, and formal and informal reports. Gordon Rule English credit.
AML 3621-G(W) Black American Literature 3	ENC 3310-G(W) Writing Prose 3
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.	Prerequisite: <i>ENC 1101 and ENC 1102.</i> 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.
AML 4225-19th Century American Literature 3	ENC 3930-Topics in Theory / Practice in Composition 3
Prerequisite: <i>At least one literature course at the 3000 level or permission of instructor.</i> Readings in 19th century American literary texts. Focus will differ with each offering. See department office for reading list.	Prerequisite: <i>Junior standing or permission of instructor.</i> Topics of importance in theory and/or practice in composition.
AML 4242-20th Century American Literature 3	ENC 4930-Topics in Theory / Practice in Composition 3
Prerequisite: <i>At least one literature course at the 3000 level or permission of instructor.</i> Readings in 20th century American literary texts. Focus will differ with each offering. See department office for reading list.	Prerequisite: <i>Senior standing or permission of instructor.</i> Topics of importance in theory and/or practice in composition. May be repeated for a total of 12 credits under different topics.
CLT 4110-Classical Background West Literature 3	ENG 3930-Topics in Criticism/Interpretation of Literature 3
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.	Prerequisite: <i>Junior standing or permission of instructor.</i> Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.
CRW 3015-Writer's Workshop 3	ENG 4013-G(W) Approaches to Literary Interpretation 3
May be repeated for a total of 6 credits.	Applied criticism of principal modern approaches, including psychological, formalist, and mythic. Students read theory and model criticism, practicing interpretation with various genres. Gordon Rule English credit.
CRW 3930-Special Topics in Creative Writing 3	ENG 4105-Film & Literature 3
Prerequisite: <i>Junior standing or permission of instructor.</i> Topics of importance in theory and/or practice in composition. Course may be repeated up to 12 credits with different topics.	Film and literature courses bring visual and print text together in the course of study. Course content varies as does approach and purpose. Courses could include the study of one author's novels and screenplays; or the study of a literary genre put to film, such as drama; or the study of film adaptations of literary works; or any configuration of literature and film.
CRW 4424-Playwrights' Project 4	ENG 4505-G(W) International Film 3
This course creates a bridge between playwriting and the stage, by demonstrating the connection between playwriting, acting, and directing. The first three-quarters of the course is an intensive writing workshop that introduces students to the craft of playwriting. The final quarter of the course consists of a production component where students are required to produce selected, stage-worthy scripts.	Prerequisite: <i>Sophomore, junior, or senior standing.</i> This course involves studying films from foreign cultures, such as French, German, Japanese, Australian. Films studied are classic or significant films representing both the cultures and important statements about the human encounter. Longer in-class experience allows for viewing and discussing each film in class, plus background on both the films and the culture. Gordon Rule English credit.
CRW 4905-Tutorial in Creative Writing 3	ENG 4905-Tutorial in Criticism & Interpretation of Lit 3
Prerequisite: <i>Senior standing and permission of instructor.</i> Tutorial in creative writing; topic to be agreed upon with instructor. May be repeated for a total of 12 credits.	Prerequisite: <i>Junior standing and permission of instructor.</i> Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.
ENC 1101-G(W) College Writing 3	ENG 4930-Topics in Criticism & Interpretation of Lit 3
This course is an introduction to writing at the college level. Gordon Rule English credit.	Prerequisite: <i>Senior standing and permission of instructor.</i> Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.
ENC 1102-G(W) The Informed Writer 3	
Prerequisite: <i>ENC 1101.</i> In this course students write various kinds of expository prose, including some informed by research. Gordon Rule English credit.	

ENG 4933-Seminar v. 1-3

Prerequisite: *Consent of instructor.* May be repeated for a maximum of six credits.

ENL 3112-G(W) British Novel I 3

The development of the novel in England to about 1875. Such authors as Bunyan, Defoe, Fielding, Richardson, Smollett, Sterne, Austen, Scott, Dickens, the Brontes, Thackeray, Eliot, Trollope and Lewis Carroll. Gordon Rule English credit.

ENL 3132-G(W) British Novel II 3

The novel in Britain from about 1875 to the present. Such authors as Hardy, Kipling, Conrad, Forster, Joyce, Lawrence, Ford, Woolf, Waugh, Greene, Cary, Beckett, Spark and Fowles. Gordon Rule English credit.

ENL 3333-Shakespeare 3

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.

ENL 3501-G(W) Periods of Early British Literature 3

Prerequisite: *One course in literature.* This course consists of readings in British literature from its beginnings to 1800, with particular attention to two or more distinct periods. This course will examine the kinds of aesthetic, linguistic, and cultural changes by which periods are constructed, and how useful are they to an understanding of literature. Gordon Rule English credit.

ENL 3503-G(W) Periods of Later British Literature 3

Prerequisite: *One course in literature.* This course consists of readings in British literature from approximately 1800 to the present, with particular attention to two or more distinct periods. This course will examine the kinds of aesthetic, linguistic, and cultural changes by which periods are constructed, and how useful are they to an understanding of literature. Gordon Rule English credit.

ENL 4220-Studies in Renaissance Literature 3

Written works from 1500-1660 by such authors as Spenser, Sidney, Shakespeare, Jonson, Donne, Marvell and Milton.

ENL 4230-Restoration/18th Century Literature 3

Works by such writers as Dryden, Wycherly, Addison, Steele, Defoe, Swift, Pope, Fielding, Johnson, Boswell, Goldsmith, Sheridan, Burke, Gray and Collins.

ENL 4240-English Romantic Literature 3

Representative works by such writers as Blake, Southey, Wordsworth, Coleridge, Byron, Shelley, Keats, Lamb, Hazlitt, De Quincey and Scott.

ENL 4251-Studies in Victorian Literature 3

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.

FIL 3020-G(W) Introduction to Film Studies 3

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.

FIL 3826-G(W) American Film 3

Prerequisite: *FIL 3020.* This course will survey the entire span of American Film from the silent films of D.W. Griffith and Charlie Chaplin to Classical Hollywood to Film Noir to the New Hollywood of the 1970s and beyond. The course will examine the emergence of genre films, including melodrama, comedy, western, musical, science fiction, horror, war, and drama. Special attention will be paid to cultural and historical context of American Film.

FIL 3930-Topics in Film 3

This course offers varied topics, themes, or movements in film. It may cover themes, such as race in film; or survey a specific period. Such as colonial Latin American history in film; or focus on a specific genre, such as American Vietnam War films or musicals. By way of specific focus, Topic in Film contributes to students' broad understanding of film. Every offering will use film as its primary medium of study and refine students' viewing skills.

FIL 4932-Documentary Studies 3

Prerequisite: *FIL 3020.* Documentary Studies addresses issues in documentary representation with course content that may vary with each offering. The course may cover the history and development of documentary film; it may include other media, such as photography or print text.. Issues may include documentary aesthetics and ethics; truth and accuracy; propaganda and activism; relations between subject and object; new media and access to media.

LIN 3010-Principles of Linguistics 3

Overview of the modern linguist's approach to language. Analysis of phonological, morphological and syntactic systems. Brief survey of psycholinguistics, historical linguistics, sociolinguistics, language acquisition and semantics.

LIN 3930-Special Topics: Linguistics 3

Prerequisite: *LIN 3010 or equivalent.* Topics of importance in the study of language. May be repeated for up to 12 credits under different topics.

LIN 4930-Special Topics: Linguistics v. 1-3

Prerequisite: *LIN 3010 or equivalent.* Topics of importance in the study of language. May be repeated for up to 12 credits under different topics.

LIS 1001-Beginning Library & Info Systems Strategies 1

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.

LIT 2000-G(W)Introduction to Literature 3

Prerequisite: *ENC 1101.* This course provides an introduction to drama, fiction and poetry, with attention to interpretive strategies. Gordon Rule English credit.

LIT 2930-G(W) Special Topics in Literature 3

Variable topics in literature. May be repeated up to 6 credits with different topics. Gordon Rule English credit.

LIT 2932-G(W)Theme & Types in Literature	3
<i>Prerequisites: ENC 1101 and LIT 2000.</i> This course focuses on a theme or type chosen by the instructor, with attention to the nature of literary form. Gordon Rule English credit.	
LIT 3043-G(W)Modern and Contemporary Drama	3
This course will examine European and American drama of the twentieth century. It begins with the founders of modern drama, Ibsen, Chekhov, and Strindberg, moves through those who experimented with realism such as Beckett or Baraka, and ends with contemporary works by Shephard or Churchill. Gordon Rule English credit.	
LIT 3045-Periods of Dramatic Literature	3
A survey of select periods in the development of Western drama from the Greeks to the Twentieth Century. Students will evaluate how historical events shaped the formation of dramatic literature while reading the works of such dramatists as Sophocles, Shakespeare, Congreve, or Lorca.	
LIT 3184-(FC)G(W) Intro to Irish Literature & Culture	3
This course provides an overview of Irish literature and culture, from their Celtic origins to the present. Gordon Rule English credit.	
LIT 3193-(FC)G(W) Literature of the East	3
Interpretive study of drama and fiction of India, China and Japan, focusing on Oriental mythic, social and intellectual backgrounds. Includes such writers as Sudraka, Kalidasa, Tagore, Mae Tun, Lusin, Ibuse and others. Gordon Rule English credit.	
LIT 3304-G(W)Literature of Popular American Culture	3
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. Gordon Rule English credit.	
LIT 3331-G(W) Children's Literature	3
This course examines literature for children from social, psychological, educational, and other points of view. Gordon Rule English credit.	
LIT 3333-G(W) Adolescent Literature	3
This course examines literature for adolescents from social, psychological, educational, and other points of view. Gordon Rule English credit.	
LIT 3408-Approach to Literature: Myth	3
A survey of selected mythologies such as classical, Germanic, Hindu, biblical, American Indian, or Egyptian with attention to myth theory and the place of myth within literary culture.	
LIT 3420-Approaches to Literature: Psychology	3
Readings in major theories of psychology and in literary works to which they apply.	
LIT 3930-Special Topics: Literature	3
<i>Prerequisite: Sophomore standing or permission of instructor.</i> Variable topics in literature. May be repeated up to 12 credits under different topics.	
LIT 4041-Studies in Drama	3
This course focuses on an historical or artistic problem or a period, style, or playwright; it includes reading and acting of scenes. The topic varies. The course may be repeated up to 6 credits with different topics.	
LIT 4083-Studies in Modern Literature	3
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.	
LIT 4093-Contemporary Literature	3
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.	
LIT 4104-Studies in Medieval Literature	3
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.	
LIT 4186-Studies in Irish Literature	3
<i>Prerequisite: Junior standing or permission of instructor.</i> Approaches to the literature of Ireland, in English. May be a comprehensive course, including poetry, fiction and drama; may focus on one of these literary types. Writers such as Yeats, Joyce, Synge, O'Casey, Bowen, O'Connor, Trevor, Montague, O'Brien, and Heaney. Course may be repeated up to 6 credits with different topics.	
LIT 4243-Major Authors	3
<i>Prerequisite: Junior standing or permission of instructor.</i> Study of writings by one or more authors. Variable topics. May be repeated up to 12 credits under different topics.	
LIT 4650-Comparative Literature	3
Variable topics; world literatures in translation. Course may be repeated up to 12 credits under different topics.	
LIT 4905-Independent Study	v. 1-3
<i>Prerequisite: Consent of instructor and department chairperson.</i> Tutorials or senior theses handled under this title. May be repeated up to 12 credits under different topics and permission of department.	
LIT 4930-Special Topics in Literature	v. 1-3
<i>Prerequisite: Junior standing or permission of instructor.</i> Topics of importance in literature. Course may be repeated up to 12 credits under different topics.	
LIT 4931-Special Topics in Cultural Studies	3
This course studies the interaction among texts and culture from diverse perspectives-aesthetic, economic, historical, and technological. Texts may be literary, filmic, televisual, or musical. Variable topics in cultural studies. May be repeated up to 6 credits with different topics.	

LIT 4934-Seminar in Literature 3

Prerequisites: *Four upper-division English courses or permission of instructor.* 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.

LIT 4935-St: G (W) Literary Themes 3

This course will analyze literary themes as they occur in several genres, periods, texts and traditions. The course may be repeated for credit with variable content. Gordon Rule English credit.

SLS 1990-First Year Seminar 0

This course is designed to assist students with their general transition from high school to college. It will provide students with the knowledge, skills and values for a successful academic career. Students will be introduced to academic expectations, the culture of the university, effective study skills and habits, healthy and safe lifestyle choices, campus opportunities, information technology, academic resources, and career planning. The course will encourage active student involvement in the learning process.

THE 4923-Play Production 3

In this course, students help produce a major dramatic production sponsored by the Department. With the professor, they plan and execute all aspects of play production and participate in the practical exigencies of translating a script into a theatrical event. The course offers opportunities for acting and theatrical work. May be repeated for up to 12 credits.

THE 4935-Special Topics in Theatre v. 1-3

Permission of instructor and department chair required. May be repeated up to 6 hours for credit under different topics.

TPP 2100-Acting Workshop 3

This course focuses on the problems and techniques associated with the acting process. Work emphasizes formal and improvisational techniques for developing vocal, physical, and analytical skills, with the major emphasis on building a character. It is recommended for students who intend to participate in department productions. It may be repeated for up to 6 credits.

HISTORY

AFH 3450-CD-(FC) South Africa 3

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.

AMH 2000-United States History Survey 3

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.

AMH 2010-United States History to 1877 3

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.

AMH 2020-U.S. History Since 1877 3

A history of the United States since 1877 emphasizing industrialization and urbanization, the Progressive period, the New Deal, post-World War II domestic reform and the emergence of the U.S. as a world power.

AMH 3111-Early America 3

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.

AMH 3130-American Revolution/Constitution 3

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.

AMH 3150-Age of Jefferson & Jackson 3

The era encompassing the lives and careers of Thomas Jefferson and Andrew Jackson, with special reference to the emergence of major political parties and social attitudes and government policies regarding Native Americans and Afro-Americans.

AMH 3170-Civil War/Reconstruction 3

Examines the economic, political, social and moral origins of the war; the course of the conflict; and the meaning and impact of Reconstruction.

AMH 3192-Mark Twain's America 3

American society, culture, and politics during Mark Twain's lifetime, 1835-1910, as seen through books written or published by Mark Twain.

AMH 3202-U.S. Since World War I 3

Examines the social, political, economic, technological and cultural forces and events that have shaped American history since World War I.

AMH 3220-Making of Modern America 1877-1920 3

This course examines the transformation of American society from the end of the Civil War era through the First World War in the areas of industrialization, urbanization, immigration, diplomacy, government, culture, and the way Americans thought about themselves.

AMH 3233-U.S. in the 1920s 3

This class offers an investigation of the many facets of America in the 1920s. The themes and images portrayed in the literature of the period will constitute one major focus of this course. Students will read poetry and prose of major American artist of the period. Students will also investigate accounts of historians and other scholars who analyze the social, economic, political and cultural dimensions of the decade known as the "Jazz Age" and the "Roaring 20s".

AMH 3312-CD-Gender in the United States 3

This course explores the changing meaning and significance of gender and sexuality in the United States over time and across cultures. Particular attention will be paid to variations in gender roles, the status of men and women, sexual behavior and identity in diverse cultures in America, as well as challenges to gender and sexual status quo from the colonial period to the present.

AMH 3402-History of the Old South 3

This course will introduce students to the history of the American South from the beginnings of European settlement in the early 17th century to the end of the Civil War. We will explore the various peoples that interacted in different parts of the South, including Native Americans, Africans, and British, French, and Spanish colonists. A central theme of the course will be the development of racial slavery in Britain's North American colonies. We will explore how and why this institution developed and seek to understand the experience of both slaveholders and enslaved people. We will also look in detail at the social and economic growth of the Southern colonies and their participation in the larger Anglo-American world. Students will examine how important movements and events in American history were created and experienced by Southerners, including the American Revolution, the Second Great Awakening, Jacksonian political battles, and the Market Revolution.

AMH 3403-History of the New South 3

This course introduces students to the history of the American South after the Civil War. We will consider the separate regions of the South: Lowcountry, Piedmont, Mountain- and how these have changed over time. A central focus of the course will be the development and changes in Southerners' thinking about race and racial difference. We will also consider other ways that Southerners identified and organized themselves- by gender, class, religious beliefs, political ideologies, and residence. Of central importance will be the social and economic changes in the 20th century South, including the increased industrialization and urbanization of the region.

AMH 3420-Florida History 3

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.

AMH 3440-Frontier in American History 3

An examination of the frontier, both as historical reality and as historiographical concept, in America from late colonial times to the present.

AMH 3444-CD-Peoples of the American West 3

The course constitutes the history of various groups of people who have populated the American West from pre-Columbian times to the present. The Southwest will be the focal point. Many references, however, will be made to the Pacific Northwest.

AMH 3460-American Cities and Suburbs 3

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.

AMH 3511-United States in World Affairs 3

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.

AMH 3530-CD-Peopling of America 3

The personal and collective experiences of immigrants who arrived in the U.S. during the 19th and 20th centuries, focusing on Irish, Jewish, Swedish, Norwegian, Japanese, Chinese, other Asian Americans, Mexican, and Puerto Rican immigrants.

AMH 3544-1960s & the Vietnam War 3

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.

AMH 3571-CD-Introduction to African-American History 3

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.

AMH 3590-American Biography 3

American history through the life and times of notable, and not so notable, men and women, examining how they affected their world as well as how their world affected them.

AMH 3672-Atlantic Slave Trade 3

This course introduces students to the origins of the slave trade between Africa and the Americas. Specifically, we will examine the motivations that drove Africans and Europeans to create a system of slave sales and use in the New World. We will attempt to understand the people of early modern West and Central Africa on their own terms, explore western Europe and the aspirations and purposes behind the exploration of both Africa and the Americas, understand the processes and outcomes of the Trans-Atlantic Slave Trade, and explore the development of multiple slave systems within the Americas.

AMH 3673-The Civil Rights Movement 3

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.

AMH 3932-Selected Topics in U.S. History 3

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.

AMH 4291-Seminar: 20th Century America 3

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.

AMH 4390-Seminar: 19th Century U.S.	3	ASH 3402-Traditional China	3
<i>Prerequisite: HIS 3051 or permission of the instructor.</i> This seminar will investigate topics, eras, or themes in U.S. history in the 19th century. Topics, eras, or themes may vary.		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.	
AMH 4491-Seminar: Local History	3	ASH 3404-Modern China	3
<i>Prerequisite: HIS 3051 or permission of instructor.</i> 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.		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.	
AMH 4497-Seminar: History of American City	3	ASH 3440-CD-(FC) Japanese Civilization	3
<i>Prerequisite: HIS 3051 or permission of instructor.</i> 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.		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	
AMH 4514-Sem: U.S. Diplomacy	3	ASH 3441-Japan Before 1868	3
<i>Prerequisite: HIS 3051 or permission of instructor.</i> An investigation into topics in U.S. diplomatic history, such as World War II, the Cold War, Inter-American Relations. May be repeated for 6 credits with consent of the instructor.		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.	
AMH 4906-Directed Independent Study	v. 1-3	ASH 3444-Japan After 1868	3
<i>Prerequisite: Written consent of the instructor.</i> May be repeated for 6 credits with consent of chairperson.		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.	
ASH 3200-(FC)-Ancient Near East	3	ASH 3448-CD-(FC) Hiroshima	3
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.		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.	
ASH 3223-CD-(FC) Middle East	3	ASH 3601-(FC) Chinese Philosophy	3
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.		Chinese Philosophy traces the historical development of the major, traditional movements in thought, religion, and philosophy. Beginning with the Chinese classics, it explores the ideas of Confucianism, Mohism, Daoism, Legalism, Buddhism, and Neo-Confucianism. Readings in primary sources are emphasized.	
ASH 3337-(FC)-Gandhi & Modern India	3		
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.			
ASH 3400-Cd(FC)20th Century Chinese Civilization	3		
This course will focus on the problems of continuity and change in Chinese civilization. Topics will include settlement and migration in ancient China, religious traditions, Confucianism, rural society, the family system, dynastic succession, peasant insurrection, the impact of the West, the Chinese revolution, Maoist ideology and post-revolutionary Chinese society.			

ASH 3620-(FC) Asian Art & Culture	3	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.
ASH 3932-Selected Topics: Asian History	3	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.
ASH 4934-Seminar in Asian History	3	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.
ASN 2003-CD-Introduction to Asia	3	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).
ASN 3106-(FC) Japanese Women	3	This course examines the place of women in Japanese society, history, literature, religion, and art. It also assesses women's contributions to, and their status and roles in, those aspects of Japanese culture.
EUH 1000-G(W) Freshman Core I	3	First part of a two-term interdisciplinary survey course that combines Western civilization lectures with discussions of major works of Western culture. Students are encouraged to take both EUH 1000 and EUH 1001 but only one of the two courses is required of all freshmen. Gordon Rule Additional Writing credit.
EUH 1001-G(W) Freshman Core II	3	Second part of a two-term interdisciplinary survey course that combines Western Civilization lectures with discussions of major works of Western culture. Students are encouraged to take both EUH 1000 and EUH 1001 but only one of the two courses is required of all freshmen. Gordon Rule Additional Writing credit.
EUH 2957-Core Abroad	6	Prerequisites: None required - Core I and II suggested. Drawing from Core I and II (Paleolithic-Twentieth Century), this course offers students an opportunity to study major cultural landmarks in at least two European countries each year.
EUH 3013-Greek & Roman Mythology	3	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.
EUH 3120-Medieval Europe	3	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.
EUH 3124-The Crusades	3	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.
EUH 3142-Renaissance-Reformation	3	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.
EUH 3202-Enlightenment/Power: 1660-1789	3	This course examines European ideas, society, and politics from the restoration of the British monarchy in 1660 to the fall of the French monarchy.
EUH 3205-19th Century Europe	3	An examination of European history from the French Revolution to the First World War, focusing on the dynamics of change in European politics, society, thought and culture.
EUH 3206-20th Century Europe	3	An examination of Europe from the Russian Revolution to the present, analyzing the development of contemporary European politics, society and thought.
EUH 3241-The Holocaust	3	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 perpetrators, collaborators and accomplices, victims, bystanders, rescuers, victims and survivors, and those who continue to bear witness.
EUH 3300-(FC) Byzantine History	3	The Byzantine Empire upheld the Christian, Greek, and Roman Traditions of the ancient world and remained the most powerful and splendid medieval society until the 13th century. The course examines the ability of the Empire periodically to renew itself from 325 to 1453. In doing so, we shall not overlook the artistic, musical and literary achievement of Byzantine civilization and the heritage of Byzantium in later cultures.
EUH 3312-History of Spain	3	This course is a survey of Spanish history from the Moorish invasions of the eighth century to the end of the Spanish Civil War in the 1930s. Topics will include the Christian reconquest of the peninsula, the expulsion of the Moors and the Jews, the conquest and colonization of the Americas, the Black Legend, and Spain's economic crisis of the seventeenth century. However, particular attention will be given to two topics: the nature of the Spanish Inquisition and the history of the Spanish Civil War.

EUH 3320-Eastern Europe	3	EUH 3576-Russia Since 1905	3
This course examines the major events, ideas, and issues which have shaped the history and culture of Eastern Europe from 1700 to the present. Topics include the impact of the Habsburg and Ottoman Empires, the growth of national movements and nation-states, the influence of Europe's great powers, and the transformations caused by war, revolution, nationalism, communism, social and ethnic conflict, and democratization.		This course examines Russia from the 1905 revolution to the present, analyzing the development of contemporary Russian politics, society, and culture. Emphasis is on the major figures, ideas, issues, events, and institutions which have shaped Russia since the late tsarist era. Topics include war, revolution, civil war, communism, nationalism, collapse of empire, and democratization.	
EUH 3403-(FC) Ancient Greece	3	EUH 3580-CD-(FC) Russian Thought/Culture	3
This course provides a comprehensive examination of the culture of ancient Greece from Mycenaean times to the death of Alexander the Great. An historical approach will be supplemented by analysis of Greek literature, art, and thought.		This course is a survey of religion, art, literature, and other aspects of Russian thought and culture. Topics include religious and artistic expression in medieval Russia; secular transformation launched by Peter the Great and his imperial heirs; social commentary and dissent in literature; revolutions in art, society and politics; and legacies of the Stalin and Gorbachev eras for understanding contemporary Russian civilization.	
EUH 3411-(FC) Ancient Rome	3	EUH 3581-Russia in Asia	3
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.		This course examines Russia's historical and cultural interactions with Siberia, Central Asia, and Transcaucasia from the 16th century to the present. Topics include the conquest and colonization of imperial borderlands, the variety of relationships between European Russia and Asian frontiers, and contemporary developments in the Asian regions of the former USSR.	
EUH 3451-France Since 1789	3	EUH 3932-Selected Topics: European History	3
Examines political, social, economic, and cultural aspects of French history since the Revolution.		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.	
EUH 3462-Modern Germany	3	EUH 3957-European History Abroad	1
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.		This special topics course involves students in learning an aspect of European history with all or part of the course taught on-site in Europe. Topics vary with the instructor. The course may be repeated for credit, up to a maximum of 6 credit hours.	
EUH 3466-(FC) Germany Today	3	EUH 4103-Homer to Herodotus	3
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.		Prerequisite: HIS 3051 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.	
EUH 3502-Modern Britain	3	EUH 4294-Seminar: Modern Europe	3
Examines the political, economic and social transformations of the United Kingdom from 1714 to present.		Prerequisite: HIS 3051 or permission of instructor. An investigation of a specific era or topic in European history since the French Revolution. Topics vary. May be repeated up to a total of 6 credits with consent of instructor.	
EUH 3511-Tudor-Stuart England 1485-1714	3	EUH 4404-Peloponnesian War	3
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.		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	
EUH 3530-History of the British Empire	3		
Beginning in the 16th century and re-inventing its purpose in the 19th century, England established an international empire. This course examines the origins, growth, zenith, and decline of that empire with an emphasis on the non-Western world.			
EUH 3533-Irish History	3		
This course is a broad survey of Irish history from St. Patrick (c. 400 AD) to the present troubles. The course employs primary sources, literature, and historical monographs as well as music and film.			
EUH 3575-Imperial Russia	3		
This course examines Imperial Russia from the time of Peter the Great to the 1905 revolution. It will focus on Russian political, social, economic, and cultural developments.			

Greek sources (in translation) to come to an understanding of the war and the methodology of the ancient historian.

EUH 4408-Alexander the Great 3

Prerequisite: 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.

EUH 4932-Seminar: Ancient/Medieval History 3

Prerequisites: 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.

HIS 2930-Selected Topics v. 1-4

Variable topics in history. May be repeated for a maximum of 6 credit hours.

HIS 3051-G(W) Craft of the Historian 3

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.

HIS 3065-Public History 3

This is an introductory class to the field of public history. Public History is the application of the information, expertise and practices of traditional academic history to non-academic venues. Particular emphasis is placed on the "nuts and bolts" of historic preservation. Students will learn about various aspects of public history from field trips to such institutions as history museums, special collections departments of libraries, art museums, and park service locations. In addition to relevant readings, students will be given assignments to help acquire practical experience in the field. For example, students will be required to complete a local historic landmark application.

HIS 3307-Modern War 3

An examination of the role and nature of the military in the modern world, with emphasis on the 20th century forms of total war and guerrilla warfare.

HIS 3317-History in Photography & Film 3

This course considers how photographs and film (including documentary and feature films) both distort and reflect historical reality, and how photographs and films can be used as historical evidence.

HIS 3403-Nature, Power & Metropolis 3

We will explore key relationships of power, class, and ethnicity, in addition to problems like sprawl, pollution, and

environmental racism. We take a thematic approach, exploring the following broad topics: Part I, how society used natural resources like water and timber to build large cities during the industrial revolution; Part II, how burgeoning urban areas transformed their surroundings, leading to smoky skies, polluted canals, and dense housing; Part III, how different social and political groups have thought about and tried to improve the urban environment, reacting to issues like pollution, disease, and natural disasters.

HIS 3490-History of Medicine & Disease 3

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.

HIS 3931-Topics in Law & Society 1

This course offers a series of intensive historical case studies on how the law affects, and is affected by social developments. Representative topics include violence in America, the death penalty, and lawyers and lawsuits. In each instance, the approach is historical, emphasizing the social causation of important long-term changes, such as the fluctuating rate of homicide cases or the growing willingness to sue health-care providers. Students may take each course as a one-credit, five-week, "stand alone", or as a semester-long sequence of one-credit courses on different aspects of law and society. Students may take up to six different one-credit courses, earning a total of no more than six credits.

HIS 3932-Selected Topics: History 3

May be repeated for a total of 18 credits under different topics.

HIS 4906-Directed Independent Study v. 1-4

Prerequisite: Written consent of the instructor. May be repeated for a total of 6 credits under different topics.

HIS 4936-Seminar 3

Prerequisite: HIS 3051 or permission of instructor. May be repeated for a total of 15 credits under different topics.

HIS 4940-Internship in History 3

Prerequisite: History major or minor, 3.0 GPA, junior or senior standing, and permission of the department chair.

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.

HIS 4970-G(3) Senior Honors Thesis v. 3-6

Prerequisite: Acceptance to the Honors in the Major track in history. Research and Honors thesis writing under supervision of a department committee. May be repeated for a maximum of 6 credits.

IDS 3949-Experiential Studies in Liberal Arts v. 0-3

Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to their areas of interest. Students may repeat this course for credit, up to a total of 6 credit hours.

IDS 4910-Liberal Studies Expo v. 3-9

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.

LAH 3135-Spain in The New World 3

This course will introduce students to the early years of colonial rule in Latin America. The course will cover the period bound roughly from the rise of the Inca and Aztec empires to the end of Habsburg rule in Spain. Particular attention will be given to the complex issues of religious change, acculturation and resistance, and ethnic and race relations, both before and after the conquest. By exploring these broad themes, students will be better able to comprehend the complex relationships between Amerindians, Africans and Europeans.

LAH 3300-CD-(FC)Latin America 3

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.

LAH 3424-(FC) Aztec/Incas/Maya 3

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.

LAH 3712-(FC) Inter-American Relations 3

A historical examination of relations between the United States and Latin America emphasizing such issues as economic development, drug trafficking, human rights and national security. The course will focus upon the large Latin American nations such as Argentina, Brazil, Chile, Mexico, and Peru.

LAH 3932-Select Topics: Latin American History 3

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.

LAH 3955-Latin America Abroad 3

This course offers students the opportunity to study and to visit some of Latin America's most fascinating pre-Columbian and colonial sites. Trips are scheduled for early May and the destinations alternate yearly between Mexico/Central America and the Andes.

LAH 4932-Seminar: Latin American History 3

Prerequisite: HIS 3051 or 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.

MATHEMATICS & STATISTICS

MAA 4200-Mathematical Analysis 4

Prerequisites: MHF 3202 and two other mathematics or statistics courses with prerequisites at or above the level

of Calculus II. A course designed to teach the foundations of analysis for secondary mathematics education majors. Topics will include: real numbers, sequences, Bolzano-Weierstrass Theorem, limits, continuity, uniform continuity, differentiation (Rolle's Theorem and the Mean Value Theorem), Riemann integration. (Cannot be used to satisfy degree requirements for mathematics majors.)

MAA 4211-G(M) Advanced Calculus I 4

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.

MAA 4212-G(M) Advanced Calculus II 3

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.

MAA 4402-G(M) Complex Analysis 3

Prerequisites: MAC 2313 and another mathematics or statistics course with a prerequisite at or above the level of Calculus II. The complex number system, complex functions, analytic functions, contour integration, and residue theory.

MAC 1105-G(M) College Algebra 3

Prerequisite: Intermediate Algebra. Topics will include linear and quadratic functions, systems of equations and inequalities, polynomials, exponentials, logarithms. Students may not receive credit for both MAC 1105 and MAC 1147.

MAC 1114-G(M) Trigonometry 2

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.

MAC 1147-G(M) Precalculus 4

Prerequisite: Intermediate Algebra. 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. Students may not receive credit for MAC 1147 and also for MAC 1105 or MAC 1114.

MAC 2233-G(M) Calculus for Business 3

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).

MAC 2241-G(M) Calculus for Biology 4

Prerequisite: MAC 1147. 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 or MAC2233.

MAC 2311-G(M) Calculus I **4**

Prerequisite: *MAC 1147*. A two-semester sequence devoted to the basic ideas and techniques of differential and integral calculus. Topics in sequences and infinite series are also covered. (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.

MAC 2312-G(M) Calculus II **4**

Prerequisite: *MAC 1147 and MAC 2311*. A two-semester sequence devoted to the basic ideas and techniques of differential and integral calculus. Topics in sequences and infinite series are also covered. (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.

MAC 2313-G(M) Calculus III **4**

Prerequisite: *MAC 2312*. A third course in calculus designed to cover calculus of functions of several variables.

MAD 3107-G(M) Discrete Mathematics **3**

Prerequisite: *MAC 2312*. Review of sets, mappings and relations. Topics from graph theory and combinatorics.

MAD 4401-G(M) Numerical Analysis **3**

Prerequisites: *MAC 2313, MAP 2302, MAS 3105 and a scientific programming language*. Topics will be selected from: error analysis, solutions of equations in one variable, polynomial interpolation and approximation, numerical integration, numerical solutions of initial value problems, and solutions of systems of linear equations.

MAP 2302-G(M) Ordinary Differential Equations **3**

Prerequisite: *MAC 2312*. Topics will be selected from first and second order linear and non-linear equations, Laplace transforms, systems of equations, and numerical techniques.

MAP 4231-G(M) Operations Research **3**

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.

MAP 4341-Elementary Partial Differential Equations **3**

Prerequisites: *MAP 2302 and MAC 2313*. Methods for solving partial differential equations including separation of variables, Green's functions and Fourier series; parabolic (heat), hyperbolic (wave) and elliptic (steady-state) equations; practical problems and applications to physics and engineering.

MAS 3105-G(M) Linear Algebra **4**

Prerequisite: *MAC 2312*. Systems of linear equations, matrices, vector spaces, linear transformations, eigenvectors and eigenvalues.

MAS 3203-G(M) Number Theory **3**

Prerequisite: *MAC 2312*. An investigation of properties of the integers, including the Euclidean and division algorithms, prime factorization; Diophantine equations, and congruences.

MAS 4156-Vector Analysis **3**

Prerequisite: *MAC 2313*. Vector fields, curl and gradients, line and surface integrals, Green's theorem, Stokes' theorem, divergence theorem; particular emphasis in physical and engineering sciences.

MAS 4301-G(M) Abstract Algebra **4**

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.

MAS 4932-Capstone Experience in Math **2**

Prerequisite: *Senior standing and permission of the department*. In this course the student will conduct a project, engage in an in-service experience, conduct research, or participate in a seminar. Specific opportunities for completing this Experience are available in the Mathematics and Statistics Office each term. (Required of all majors in Mathematics.)

MAT 3930-Selected Topics in Mathematical Science **v. 1-3**

May be repeated for a total of 12 credits with permission of the department.

MAT 4906-Directed Individual Study **v. 1-3**

May be repeated for a total of 12 credits with permission of the department.

MAT 4931-Special Topics in Math Science **3**

Prerequisites: *Variable*. May be repeated for a total of 12 credits with permission of the department.

MAT 4937-Seminars **v. 1-3**

May be repeated for a total of 12 credits with permission of the department.

MGF 1106-G(M) Finite Mathematics **3**

Prerequisite: *Intermediate Algebra*. Topics will be selected from: linear equations and inequalities; linear programming, matrices and systems of linear equations; combinatorics and elementary probability; game theory with applications; logic; mathematics of finance.

MGF 1107-G(M) Explorations in Mathematics **3**

Prerequisite: *Intermediate Algebra*. This course is an introduction to important and interesting ideas in mathematics. These ideas are designed to promote an appreciation of the subject. Topics may include Number Theory, Rates of Growth, Geometry, and Graph Theory.

MGF 1113-G(M) Math for Teachers I **3**

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.

MGF 1114-G(M) Math for Teachers II 3	STA 3032-Probability & Statistics for Engineers 3
<i>Prerequisite: MGF 1113.</i> This course provides an introduction to Irrational Numbers and Real Numbers, Elementary Logic, Number Theory, Proportional Reasoning, Statistics and Analyzing Data, Probability, and Algebra and Coordinate Geometry.	<i>Prerequisite: MAC 2312.</i> 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).
MHF 3202-G(M) Foundations of Mathematics 3	STA 3163-G(M) Statistical Methods I 4
<i>Prerequisite: MAC 2312.</i> 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.	<i>Prerequisite: MAC 1105 or MAC 1147.</i> This is a two-term sequence that investigates topics in descriptive statistics, data analysis, probability, one and two sample inferences, single and multiple-factor analysis of variance, simple and multiple linear regression, correlation and non-parametric methods. The course incorporates technology and use SAS for analysis of statistical data.
MHF 3404-G(M) History of Mathematics 3	STA 3164-G(M) Statistical Methods II 3
<i>Prerequisite: MAC 2312.</i> Topics will be chosen from the history of mathematics, which starts with the invention of the number systems up to the present day. For example, number theory and geometry have been studied for thousands of years, and the subject of chaos only for the last few decades. Contributions from mathematical greats such as Archimedes, Descartes, Fermat, Newton, Leibnitz, Euler, and Gauss will also be discussed.	<i>Prerequisite: STA 2014 or STA 2023 or STA 4321.</i> This is a two-term sequence that investigates topics in simple and multiple regression analysis, correlation analysis, analysis of variance and covariance, non-parametric methods and analysis of statistical data using the SAS program.
MTG 3203-G(M) Geometry for Middle School Teachers 3	STA 4202-G(M) Design of Experiments 3
<i>Prerequisites: 9 credits of college mathematics.</i> This course is primarily based on a discovery approach to plane Euclidean geometry. Triangles, quadrilaterals, regular polygons, circles, and other geometric figures will be investigated. Logical reasoning will be used to prove or disapprove conjectures. Computer programs such as Geometer's Sketchpad might be used in this course. This course cannot be used to fulfill a degree requirement in the Department of Mathematics and Statistics.	<i>Prerequisite: STA 4321 or STA 2014.</i> 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.
MTG 3212-G(M) Modern Geometry 3	STA 4222-G(M) Design of Sample Surveys 3
<i>Prerequisite: MHF 3202.</i> Foundations, models, and theorems of Euclidean and noneuclidean geometries.	<i>Prerequisite: STA 4321 or STA 2014.</i> This course is an introduction to the techniques used to conduct sample surveys. Topics covered include simple random sampling, systematic sampling and cluster sampling.
MTG 4302-G(M) Elementary Topology 3	STA 4321-G(M) Probability & Statistics 4
<i>Prerequisites: MAC 2313 and MHF 3202.</i> Topological spaces, metric spaces, continuity and homeomorphisms, connectedness, compactness.	<i>Prerequisites: MAC 2312 or the approval of the department.</i> Probability, distributions of random variables, moments. Estimation and hypothesis testing, theory and methods.
STA 2014-G(M) Elementary Statistics for Health & Social Sciences 3	STA 4322-G(M) Statistical Theory 3
<i>Prerequisite: MAC 1105 or MAC 1147.</i> This course is an introduction to descriptive data analysis, probability, statistical distributions, confidence intervals, testing of hypotheses, regression, and correlation. Topics are selected to emphasize applications in health and social sciences. Technology will be integrated in this course. (Cannot be used to satisfy upper-level degree requirements by mathematics and statistics majors).	<i>Prerequisites: MAC 2313 and STA 4321.</i> Topics will include special continuous distributions, properties of estimators, sufficiency, consistency, minimum variance, and multivariate normal distributions.
STA 2023-G(M) Elementary Statistics for Business 3	STA 4445-G(M) Probability Models 3
<i>Prerequisite: MAC 1105 or MAC 1147.</i> This course is an introduction to descriptive data analysis, probability, statistical distributions, confidence intervals, testing of hypotheses, regression, and correlation. Topics selected to emphasize applications in a business environment. (Cannot be used to satisfy upper-level degree requirements by mathematics and statistics majors).	<i>Prerequisites: STA 4321 and MAS 3105.</i> Study of how probability theory can be applied to the study of phenomena in such fields as engineering, operations research, biological science, social sciences and management science. Topics include Markov processes, Poisson processes, queuing systems, renewal theory, reliability.
	STA 4502-Nonparametric Methods in Statistics 3
	<i>Prerequisites: STA 4321, STA 2014 or STA 2023.</i> 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.

STA 4504-G(M) Categorical Data 3

Prerequisites: *STA 2014 or STA 2023.* The Categorical Data course is an introduction to the methods used to analyze the count data and the life table data. The topics include data presentation, rates, life table and applications of life tables, contingency tables, multiple 2x2 tables, correlation, logistic regression, and survival analysis.

STA 4664-Statistical Quality Control 3

Prerequisite: *STA 2014 or STA 4321.* An introduction to the methods of statistical quality control. Topics covered include control charts, acceptance sampling and experimental design.

STA 4906-Directed Individual Study v. 1-3

Prerequisite: *Variable.* May be repeated for 12 credits with permission of department.

STA 4930-Special Topics in Statistics v. 1-3

Prerequisite: *Variable.* May be repeated for 12 credits with permission of department.

STA 4935-Seminar in Statistics v. 1-3

Prerequisite: *Variable.* May be repeated for 12 credits with permission of department.

STA 4945-Statistics Capstone 2

Prerequisites: *Senior standing and permission of the department.* In this course the student will conduct a project, engage in an in-service experience, conduct research, or participate in a seminar. Specific opportunities for completing this Experience are available in the Mathematics and Statistics Office each term. (Required of all majors in Statistics.)

MUSIC

MUG 3104-Basic Conducting 2

Prerequisite: *One year of college music theory.* 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.

MUG 3302-Advanced Instrumental Conducting v. 1-3

Prerequisites: *Successful completion of Theory II (MUT 1112) and Basic Conducting (MUG 3101).* This course will engage in an intensive study of the art of conducting, score preparation/analysis, and rehearsal techniques. May be repeated for up to 4 credit hours.

MUM 3701-The Music Business 3

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.

MUO 3503-Opera Workshop 1

Prerequisite: *Consent of instructor.* Rehearsal and production of scenes and complete operatic works. Three hours per week. May be repeated for credit up to four times. (A material fee of \$35 will be assessed.)

MUS 1010-Performance Laboratory 0

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).

MUS 1011-Concert Attendance 0

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.

MUS 2221-French Diction 1

Prerequisite: *Consent of instructor.* This course deals with diction in singing French vocal works.

MUS 2231-German Diction 1

Prerequisite: *Consent of instructor.* This course deals with diction in singing German vocal works.

MUS 2241-Italian Diction 1

Prerequisite: *Consent of instructor.* This course deals with diction in singing Italian vocal works.

MUS 2930-Special Topics v. 1-3

May be repeated for a total of 8 credits.

MUS 3340-Computer Midi Score 2

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.)

MUS 3630C-The Electronic Music Studio 1

Prerequisite: *Successful completion of MVK 2122.* This course will present topics related to music composition with a computer. Emphasis will be placed on the completion of original music works that employ various methods of sound synthesis, drum programming, usage of loops and samples, and MIDI. Students will use software production tools for the completion of these works. (A material fee of \$35 will be assessed.)

MUS 3930-Special Topics in Music v. 1-3

May be repeated up to 30 credits.

MUS 3931-Eminent Scholars Seminar v. 1-3

May be repeated up to 10 credits.

MUS 4905-Directed Individual Study v. 1-3

A maximum of 15 credits may be accumulated in directed individual studies.

MUS 4970-Senior Recital 0

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.

MUSIC-EDUCATION

MUE 2440-String Techniques 1

String Techniques is designed to prepare instrumental music majors to teach string instruments in secondary schools. The course will cover all aspects of string instruction and performance including analysis and diagnosis of performance problems, fingering systems, method books and instructional aids and materials.

MUE 2450-Woodwind Techniques 1

Woodwind techniques 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, flute, saxophone, oboe and bassoon. All aspects of woodwind instruction will be covered, including method book selection, teaching techniques, instruction aids and materials.

MUE 2460-Brasswind Techniques 1

Brasswind techniques is designed to prepare instrumental music majors to teach brass instruments in secondary schools. The course will cover all aspects of brass instruction and performance including analysis and diagnosis of performance problems, fingering systems, method books and instructional aids and materials. Students will be expected to demonstrate basic performance proficiency on trumpet, horn, trombone, and tuba.

MUE 2470-Percussion Techniques1

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.

MUE 3332-Instrumental Materials Practicum 2

Prerequisite: *MUG 3104.* This is a comprehensive course that emphasizes effective score reading and rehearsal techniques of instrumental ensembles.

MUE 3480-Marching Band Techniques 1

Prerequisite: *Junior standing.* 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. It is required of all music education majors.

MUE 3491-Choral Materials Practicum 2

Prerequisite: *MUG 3104.* This course centers on secondary school choral programs. All forms of choral music will be

examined and conducted. Varied literature for high school choirs will be studied and discussed.

MUSIC-ENSEMBLE

MUN 2012-Instrumental Ensemble 1

Prerequisite: *Consent of instructor.* The class will study and perform compositions for various instrumental combinations. (A material fee of \$35 will be assessed.)

MUN 2120-Concert Band (Lower) 1

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.)

MUN 2140-UNF Wind Ensemble (Lower) 1

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.)

MUN 2310-UNF Chorale (Lower) 1

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.)

MUN 2510-Piano Accompanying 1

Prerequisite: *Consent of instructor.* The course will offer instruction in vocal and instrumental accompanying. May be repeated for a total of 4 credits. (A material fee of \$35 will be assessed.)

MUN 2710-Jazz Ensemble-Lower Level 1

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.)

MUN 2711-Combo Lab 1

Prerequisite: *Audition by jazz faculty.* The student will learn how to function in a jazz combo setting. The course will focus on developing listening and adaptive skills in a small group situation. May be repeated two times for a maximum of two credits. (A material fee of \$35 will be assessed.)

MUN 3103-Pep Band-Upper Level 1

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 three times. (A material fee of \$35 will be assessed.)

MUN 3123-Concert Band (Upper) 1

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.)

MUN 3143-UNF Wind Ensemble (Upper) 1

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.)

MUN 3313-UNF Chorale (Upper) 1

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 eight times. (A material fee of \$35 will be assessed.)

MUN 3323-North Florida Women'S Chorale 1

Prerequisite: Students 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 eight times. (A material fee of \$35 will be assessed.)

MUN 3343-Chamber Singers 1

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.)

MUN 3411-String Quartet 1

Prerequisite: Consent of instructor. This course will deal with the playing of a variety of music for string quartet. May be repeated for credit eight times for a maximum of 8 credits. (A material fee of \$35 will be assessed.)

MUN 3413-String Ensemble 1

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 eight times. (A material fee of \$35 will be assessed.)

MUN 3423-Woodwind Ensemble 1

Prerequisite: Consent of instructor. The study and practice of ensemble literature for various combinations of woodwind instruments. Public performances may be included. Required for woodwind majors. May be repeated for credit up to 12 times.

MUN 3443-Percussion Ensemble 1

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.)

MUN 3453-Piano Ensemble 1

Prerequisite: Consent of instructor. Students will study and perform piano duos and duets. May be repeated for credit up to eight times. (A material fee of \$35 will be assessed.)

MUN 3483-Jazz Guitar Ensemble 1

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 six times. (A material fee of \$35 will be assessed.)

MUN 3498-Harp Ensemble 1

Prerequisite: Permission of instructor. This course consists of applied instruction in harp ensemble. Works studied will include works for two or more harps, music for harp with other instruments (chamber music) and various orchestral excerpts. (A material fee of \$35 will be assessed.)

MUN 3713-Jazz Ensemble 1

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.)

MUN 4714-Jazz Combo (Small Group) 1

Prerequisite: Student must concurrently take applied lessons and maintain a "B" average. 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.)

MUSIC-HISTORY & APPRECIATION

HUM 3524-(FC) Great Age of Vienna 3

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. A survey course taught in lecture format.

MUH 2012-Enjoyment of Music 3

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.

MUH 2015-American Music: Past & Present 3

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.

MUH 2017-History & Appreciation of Rock 3

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.

MUH 2018-The Evolution of Jazz 3

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.

MUH 2501-World Music 3

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.

MUH 3055-(FC) African American Musical Heritage 3

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.

MUH 3211-Music History I 3

Prerequisite: Four semesters of music theory. The history of music from ancient times through the Classical period.

MUH 3212-Music History II 3

Prerequisite: Four semesters of music theory. The history of music from the Romantic period to the present, including an emphasis on American music.

MUSIC-LITERATURE

MUL 4400-Piano Literature I 2

The course presents standard compositions of the piano repertoire through the Classical era.

MUL 4401-Piano Literature II 2

The course deals with piano repertoire from the Romantic Era to the present.

MUL 4420-String Chamber Music Literature 3

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.

MUL 4434-Harp Literature 3

This course examines in detail the standard harp repertoire and its associated performance traditions.

MUL 4451C-Wind & Percussion Literature 3

This course will examine and evaluate as much of the solo wind and percussion literature as possible, including music from all available styles and periods. Emphasis will be on the student's major instrument. A natural by product of this study will include knowledge of those reference books, which evaluate or list solos by difficulty level, texts, and information sources. The course activities are intended to cause the students to be more knowledgeable of the wind and percussion literature, and to increase the ability to discriminate between compositions of value and those of marginal quality.

MUL 4602-Vocal Literature 2

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.

MUSIC-THEORY

MUC 2211-Music Composition I 1

Prerequisite: Permission of Instructor. 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.

MUC 2221-Music Composition II 1

Prerequisite: Successful completion of 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.

MUC 3231-Music Composition III 1

Prerequisite: Successful completion of 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.

MUC 3232-Music Composition IV 1

Prerequisites: Successful completion of 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.

MUC 4241-Music Composition V 1

Prerequisite: Successful completion of 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.

MUC 4242-Music Composition VI 1

Prerequisite: Successful completion of 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.

MUT 1011-Fundamentals of Music 3

The materials of Music: rhythm, melody, tempo, dynamics, harmony, texture, tonality, timbre, form, style, mood. Selected skills in music: listening, singing, reading, playing instruments.

MUT 1111-Theory I3

Corequisite: MUT 1241. 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.

MUT 1112-Theory II 3	
Prerequisite: MUT 1111. Corequisite: MUT 1242. 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.	triadic outlines through secondary dominants, incomplete non-chord tones, rhythm patterns with different note values as basic beats, syncopation between and within the beat.
MUT 1241-Theory I, Aural 1	
Corequisite: MUT 1111. 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.	
MUT 1242-Theory II, Aural 1	
Prerequisite: MUT 1241 or permission of instructor. Corequisite: MUT 1112. Corequisite: Theory II, Written. This is a continuation of Theory I, Aural. 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.	
MUT 1361-Jazz Fundamentals I 2	
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.	
MUT 1362-Jazz Fundamentals II 2	
Prerequisite: MUT 1361. This course is a continuation of MUT 1361 (Jazz Fundamentals I). Students will study melodic minor derived modes, whole tone scales, bebop scales, advanced chord/scale relationships, and polychords.	
MUT 2116-Theory III 3	
Prerequisites: MUT 1111 and MUT 1112. Corequisite: MUT 2248. 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.	
MUT 2117-Theory IV 3	
Prerequisites: MUT 1111, MUT 1112 and MUT 2116. Corequisite: MUT 2247. 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.	
MUT 2246-Advanced Aural Theory 1	
Prerequisites: MUT 1241 and MUT 1242 or permission of instructor. Corequisite: MUT 2116. This is a continuation of Theory II, Aural. 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.	
MUT 2247-Advanced Aural Theory 1	
Prerequisites: MUT 1241, MUT 1242 and MUT 2246 or permission of instructor. Corequisite: MUT 2117. This course is a continuation of Aural Theory, Advanced (MUT 2246). It includes stepwise progressions with large skips,	
MUT 2641-Jazz Improvisation I 2	
Prerequisite: MUT 1361 and MUT 1362 with a "B" average and scale audition. Beginning level in learning the art of jazz improvisation. Improvisation of modal tunes and over the IIm7-V7 progression in all major keys.	
MUT 2642-Jazz Improvisation II 2	
Prerequisite: Grade of "B" or above in MUT 2641. Continuation of Improvisation I. Presentation of tunes with more difficult harmonic construction and introduction of minor II-Vs.	
MUT 3611-Form and Analysis 3	
Prerequisite: Two years of college theory. Analysis of musical forms in western music.	
MUT 3643-Jazz Improvisation III 2	
Prerequisite: Grade of "B" or above in MUT 2642 and scale audition. Advanced techniques and practices of jazz improvisation.	
MUT 3644-Jazz Improvisation IV 2	
Prerequisite: Grade of "B" or above in MUT 3643. Continuation of Jazz Improvisation III and advanced skills and techniques of jazz improvisation.	
MUT 3648-Vocal Improvisation/Piano III 3	
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 improvisation as well as intermediate piano skills.	
MUT 3649-Vocal Improvisation/Piano IV 3	
Prerequisite: MUT 3648. This course continues the improvisation and piano skills from Vocal Improv/Piano III.	
MUT 4311-Orchestration 3	
Prerequisite: Two years of college music theory. An examination of the instruments of the symphony orchestra and wind ensemble. Includes analysis and scoring techniques.	
MUT 4365-Jazz Arranging I 3	
Prerequisite: Grade of "B" or above in MUT 1361 and MUT 1362. 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.	
MUT 4366-Jazz Arranging II 3	
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.	

MUT 4421-18th Century Counterpoint <u>3</u>	MVB 2323-Applied Trombone <u>2</u>
<i>Prerequisite: Two years of college music theory.</i> An intensive study of the contrapuntal styles of the baroque masters. Includes analysis and synthesis.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MUT 4626-20th Century Music Theory <u>3</u>	MVB 2324-Applied Euphonium <u>2</u>
<i>Prerequisite: Two years of college music theory.</i> A study of 20th century compositional techniques. Includes analysis and synthesis.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MUT 4650-Composition & Improvisation <u>2</u>	MVB 2325-Applied Tuba <u>2</u>
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.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MUT 4663-Jazz Styles & Analysis I <u>2</u>	MVB 3331-Applied Trumpet <u>2</u>
<i>Prerequisite: Grade of "B" or above in MUT 1361 and MUT 1362.</i> A study of jazz styles from the New Orleans era to the "Cool" era. Includes analysis of transcribed solos as recorded by major artists.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MUT 4664-Jazz Styles & Analysis II <u>2</u>	MVB 3332-Applied French Horn III <u>2</u>
<i>Prerequisite: MUT 4663 or permission of instructor.</i> A study of jazz styles from hard bop to the present. Includes analysis of transcribed solos as recorded by major artists.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.
MVB 1311-Applied Trumpet <u>2</u>	MVB 3333-Applied Trombone <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MVB 1312-Applied French Horn I <u>2</u>	MVB 3334-Applied Euphonium <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> 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.
MVB 1313-Applied Trombone <u>2</u>	MVB 3335-Applied Tuba <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MVB 1314-Applied Euphonium <u>2</u>	MVB 4341-Applied Trumpet <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.
MVB 1315-Applied Tuba <u>2</u>	MVB 4342-Applied French Horn IV <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated up to four times for a total of 8 credits.
MVB 2321-Applied Trumpet <u>2</u>	MVB 4343-Applied Trombone <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.
MVB 2322-Applied French Horn II <u>2</u>	MVB 4344-Applied Euphonium <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.

MVB 4345-Applied Tuba	2	MVJ 3436-Applied Jazz Saxophone III	2
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.		Prerequisite: Successful completion of MVJ 2326 Applied Jazz Saxophone II, or consent of instructor. 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. This course is repeatable one time for a total of 4 credit hours.	
MVJ 1010-Jazz Piano I	1	MVJ 4346-Applied Jazz Saxophone IV	2
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.		Prerequisites: Successful completion of MVJ 3436 or consent of instructor. 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. This course is repeatable one time for a total of four credits.	
MVJ 1016-Applied Jazz Saxophone I	2	MVJ 4349-Applied Set Drums	2
Prerequisite: Consent of instructor and admission to music department. 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. This course is repeatable one time for a total of four credit hours.		Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.	
MVJ 1210-Jazz Piano II	1	MVK 1111-Class Piano I	1
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.		Fundamentals of piano. One class hour per week. May be repeated for a total of 2 credits.	
MVJ 1319-Applied Set Drums	2	MVK 1112-Class Piano II	1
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Continuation of MVK 1111. Fundamentals of piano. One hour class per week. May be repeated for a total of 2 credits.	
MVJ 1743-Jazz Guitar Master Class I	2	MVK 1311-Applied Piano	2
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.		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.	
MVJ 2326-Applied Jazz Saxophone II	2	MVK 1313-Applied Organ	2
Prerequisite: Successful completion of MVJ 1016 Applied Jazz Saxophone I, or consent of instructor. 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. This course is repeatable one time for a total of 4 credit hours.		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.	
MVJ 2329-Applied Set Drums	2	MVK 1621-Piano Pedagogy I	2
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		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 beginning students.	
MVJ 3339-Applied Set Drums	2	MVK 1622-Piano Pedagogy II	2
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: MVK 1621. This course is a continuation of the study of concepts necessary for successful private teaching at the elementary level, which includes an examination of current method books with music theory, technique, recital repertoire, and supplemental material appropriate for various	

age levels of mid- to late-beginning piano students. Instruction includes strategies for prevention of common problems associated with students in the first two years of study: directives for the development of musicality through creative activities and musicianship classes: the use of digital pianos and technological advances for teaching piano: and a continuation of class presentations and projects on topics presented in the text

MVK 2121-Class Piano III 1

Continuation of MVK 1112. Fundamentals of piano. One hour class per week. May be repeated for a total of 4 credits.

MVK 2122-Class Piano IV 1

Continuation of MVK 2121. Fundamentals of piano. One hour class per week. May be repeated for a total of 4 credits.

MVK 2321-Applied Piano 2

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.

MVK 2323-Applied Organ 2

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.

MVK 2624-Intermediate Piano Pedagogy 2

Prerequisites: MVK 1621, MVK 1622. 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.

MVK 2626-Advanced Piano Pedagogy 2

Prerequisites: MVK 1621, MVK 1622, MVK 2624. 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. 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.

MVK 3331-Applied Piano 2

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.

MVK 3333-Applied Organ 2

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.

MVK 3603-Pedagogy of Group Piano I 2

Prerequisites: MVK 1621, MVK 1622, MVK 2624, MVK 2626. 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 will be required, as well as practice teaching of lessons.

MVK 3604-Pedagogy of Group Piano II 2

Prerequisites: MVK 1621, MVK 1622, MVK 3603, MVK 2624, MVK 2626. This course is a continuation of Pedagogy of Group Piano I and is designed to prepare future piano teachers in the area of group teaching. Pedagogy students will focus on the pre-college student, adult study, and college courses. The survey continues of methods and materials, including ensemble music which is appropriate for group piano teaching. An emphasis will be placed on technical instruction and creative activities in the group teaching environment. Observations of UNF Class Piano will lead to practice teaching of lessons.

MVK 3631-Piano Pedagogy I 2

Prerequisites: Consent of instructor and MVK 1311. The course deals with how to teach piano at the beginning level. May be repeated for a total of 4 credits.

MVK 3632-Piano Pedagogy II 2

Prerequisites: Consent of instructor and successful completion of MVK 3631. The course deals with how to teach piano at the intermediate level. May be repeated for a total of 4 credits.

MVK 4341-Applied Piano 2

Prerequisite: Consent of instructor. Individual instruction in applied music in piano. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.

MVK 4343-Applied Organ 2

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.

MVK 4941-Internship in Piano Pedagogy I 2

Prerequisites: MVK 1621, MVK 1622, MVK 2624, MVK 2626, MVK 3603, MVK 3604. 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.

MVK 4942-Internship in Piano Pedagogy II 2

Prerequisites: MVK 1621, MVK 1622, MVK 2624, MVK 2626, MVK 3603, MVK 3604. Piano Pedagogy II 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.

MVO 4640-Wind & Percussion Pedagogy	3	MVS 2325-Applied Harp II	2
This course will provide students with pedagogical knowledge of private wind and percussion instrument teaching including student motivation, tone production, technique, articulations, transpositions, and a survey of literature. Observations of lessons are included.		Prerequisite: MVS 1315 or permission of instructor.	Individual applied instruction in harp performance. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MVP 1311-Applied Percussion	2	MVS 2326-Applied Guitar	2
Prerequisite: Consent of instructor. Individual instruction in percussion instruments. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		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.
MVP 2321-Applied Percussion	2	MVS 2421-Applied Violin II	2
Prerequisite: Consent of instructor. Individual instruction in percussion instruments. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in violin will be given on weekly basis. May be repeated for a total of 4 credits.	
MVP 3331-Applied Percussion	2	MVS 2422-Applied Viola II	2
Prerequisite: Consent of instructor. Individual instruction in applied percussion. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.	
MVP 4341-Applied Percussion	2	MVS 2423-Applied Violoncello II	2
Prerequisite: Consent of instructor. Individual instruction in percussion. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.		Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.	
MVS 1314-Applied String Bass	2	MVS 3334-Applied String Bass	2
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVS 1315-Applied Harp I	2	MVS 3335-Applied Harp III	2
Individual applied instruction in harp performance. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: MVS 2325 or permission of the instructor.	Individual applied instruction in harp performance. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MVS 1316-Applied Guitar	2	MVS 3336-Applied Guitar	2
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.		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.	
MVS 1411-Applied Violin I	2	MVS 3431-Applied Violin III	2
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated for a total of 4 credits.	
MVS 1412-Applied Viola I	2	MVS 3432-Applied Viola III	2
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.	
MVS 1413-Applied Violoncello I	2	MVS 3433-Applied Violoncello III	2
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.	
MVS 2324-Applied String Bass	2	MVS 3530-String Repertory I	2
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		This course deals with string repertory from the Baroque Period through the Classical Period. May be repeated for a total of 4 credits.	

MVS 3531-String Repertory II	2	MVW 2321-Applied Voice	2
This course deals with string repertory from the Romantic Period through the 20th Century. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVS 3601-Harp Pedagogy	3	MVW 3331-Applied Voice	2
Prerequisite: Permission of the instructor. This course explores the many aspects of harp technique, including pedagogical methods and the repertoire appropriate for the teaching of harp at all levels.		Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVS 3640-String Pedagogy	3	MVW 4341-Applied Voice	2
Prerequisite: Permission of instructor. This course will cover the study of various string teaching methods and playing techniques, as well as the selection of appropriate repertoire for students of all levels. The course content 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 class format will include lectures, class discussions, class presentations as well as listening and video presentations.		Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.	
MVS 4344-Applied String Bass	2	MVW 4640-Vocal Pedagogy	2
Prerequisite: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.		Prerequisite: Consent of instructor. The course examines various voice teaching methods. May be repeated for a total of 4 credits.	
MVS 4345-Applied Harp IV	2	MVW 1211-Secondary Flute I	1
Prerequisite: MVS 3335 or permission of the instructor. Individual applied instruction in harp performance. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.	
MVS 4346-Applied Guitar	2	MVW 1213-Secondary Clarinet I	1
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.		Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated for a total of 2 credits.	
MVS 4441-Applied Violin IV	2	MVW 1311-Applied Flute I	2
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated up to three times for a total of 8 credits.		Prerequisite: Consent of instructor. Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVS 4442-Applied Viola IV	2	MVW 1312-Applied Oboe I	2
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated up to three times for a total of 8 credits.		Prerequisite: Consent of instructor. Individual instruction in oboe. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVS 4443-Applied Violoncello IV	2	MVW 1313-Applied Clarinet I	2
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated up to three times for a total of 8 credits.		Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVW 1111-Class Voice	1	MVW 1314-Applied Bassoon I	2
Fundamentals of vocal production. One class hour per week. May be repeated for a total of 2 credits.		Prerequisite: Consent of instructor. Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVW 1311-Applied Voice	2	MVW 1315-Applied Saxophone	2
Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
		MVW 2221-Secondary Flute II	1
		Prerequisite: Consent of instructor. Individual instruction in flute. Private lesson and performance laboratory weekly. May be repeated for a total of 2 credits.	

MVW 2223-Secondary Clarinet II <u>1</u>	MVW 3335-Applied Saxophone <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated for a total of 2 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.
MVW 2321-Applied Flute II <u>2</u>	MVW 4241-Secondary Flute IV <u>1</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated for a total of 2 credits.
MVW 2322-Applied Oboe II <u>2</u>	MVW 4243-Secondary Clarinet IV <u>1</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in oboe. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated for a total of 2 credits.
MVW 2323-Applied Clarinet II <u>2</u>	MVW 4341-Applied Flute IV <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.
MVW 2324-Applied Bassoon II <u>2</u>	MVW 4342-Applied Oboe IV <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in bassoon. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in oboe. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.
MVW 2325-Applied Saxophone <u>2</u>	MVW 4343-Applied Clarinet IV <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.
MVW 3231-Secondary Flute III <u>1</u>	MVW 4344-Applied Bassoon <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.	<i>Prerequisite: MVW 3334 and consent of instructor.</i> Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.
MVW 3233-Secondary Clarinet III <u>1</u>	MVW 4345-Applied Saxophone <u>2</u>
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated for a total of 2 credits.	<i>Prerequisite: Consent of instructor.</i> Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated up to three times for a total of 8 credits.
MVW 3331-Applied Flute III <u>2</u>	
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in flute. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVW 3332-Applied Oboe III <u>2</u>	
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in oboe. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVW 3333-Applied Clarinet III <u>2</u>	
<i>Prerequisite: Consent of instructor.</i> Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
MVW 3334-Applied Bassoon <u>2</u>	
<i>Prerequisite: Consent of instructor.</i> Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
	PHILOSOPHY & RELIGIOUS STUDIES
	PHH 3100-Ancient Philosophy <u>3</u>
	A survey of the major metaphysical, epistemological and ethical issues which concerned the ancient Greek and Roman philosophers. Included will be pre-Socratics, Plato, Aristotle, the stoics, the epicureans and the Neo-Platonists.
	PHH 3104-Socrates & the Sophists <u>3</u>
	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.

PHH 3120-(FC) The Greek Experience 3

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.

PHH 3400-Modern Philosophy 3

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.

PHH 3500-19th Century Philosophy 3

Prerequisite: One course in philosophy other than foreign culture. 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.

PHH 3811-The Philosophy of Zen Buddhism 3

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".

PHH 3820-(FC)Chinese Philosophy 3

Chinese Philosophy traces the historical development of the major, traditional movements in thought, religion, and philosophy. Beginning with the Chinese classics, it explores the ideas of Confucianism, Mohism, Daoism, Legalism, Buddhism, and Neo-Confucianism. Readings in primary sources are emphasized.

PHH 3860-(FC) The Japanese Mind 3

A study of Japanese cultural thought with an emphasis on the philosophy behind Shinto, Zen Buddhism, the samurai spirit (Bushido), Japanese aesthetics, and modern Japanese-Western intellectual interactions; critique of "orientalism": how the West understands the East.

PHH 4121-Ancient Greek Ethics 3

Prerequisite: One course in Philosophy other than foreign culture. In this course we will study the origins of Western ethical thought in ancient Greece. Beginning with Aristotle, we will go on to examine the work of the Hellenistic philosophers, who more fully developed several distinctive schools of ethical thought and behavior. While these philosophers are interesting in themselves, they are also important because they formulated the basis of contemporary ethics, both in the questions asked and in the solutions offered.

PHH 4601-20th Century Continental Philosophy 3

Prerequisite: PHH 3400 or PHH 3500. An examination of major issues and figures in 20th century continental philosophy. Attention is given to phenomenology, existentialism, semiotics, structuralism, post-structuralism, and deconstruction. Readings taken from recent German and French authors.

PHH 4620-20th Century Philosophy: Anglo-American Tradition 3

Prerequisite: One course in philosophy other than foreign culture. The history of philosophy in the present century in the English-speaking world is marked by a turn away from speculative metaphysics toward the logical analysis of language. This course traces the history of that development from Russell through Wittgenstein and the "logical positivists" up to the present trend toward applied ethics.

PHI 2010-G(W) Introduction to Philosophy 3

An introduction to the rudiments of philosophical thinking, which is designed to clarify the differences between philosophy and other human activities such as science and religion. The course will introduce students to a range of philosophical problems and methods. Gordon Rule Additional Writing credit.

PHI 2100-G(W) Reasoning/Critical Thinking 3

Principles of sound reasoning, language analysis and definition, the logic of classes and propositions and discussions of philosophical issues. Gordon Rule Additional Writing credit.

PHI 2630-G(W) Contemporary Ethical Issues 3

An attempt to provide the student with a theoretical framework to approach the great moral issues of our time. Gordon Rule Additional Writing credit.

PHI 2930-Select Topics: Philosophical Inquiry v. 1-4

Selected topics in philosophy.

PHI 3130-G(M) Symbolic Logic 3

Truth table and natural deduction approaches to modern logic. Propositional calculus, predicate calculus, logic of relations, identity and definite descriptions.

PHI 3601-Ethics 3

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.

PHI 3632-Ethics of Sex and Gender 3

This course will explore ethical dimensions of sex and gender and the gendered dimensions of ethical thought and practice. We will ask whether women and men approach moral problems differently and whether women's traditional concerns, such as child care, can enhance ethical theory. We will also consider how "feminist ethics" has been altered by the perspectives of women in different social locations.

We also address practical ethical issues related to sex and gender, such as reproductive technologies, prostitution, and militarism. We will explore each of these topics from a variety of both masculine and feminine perspectives.

PHI 3633-Bioethics 3

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.

PHI 3640-Environmental Ethics 3

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.

PHI 3641-Business Ethics 3

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.

PHI 3643-Ethics & Literature 3

This course explores the ways in which ethical theory and literature inform one another. We will consider how ethical perspectives are illustrated in works of fiction, and whether fiction itself can be a form of moral philosophy. Students should gain an understanding of several moral theories, develop an appreciation of the importance of fictional narrative to ethical life and theory, and of the potential value of moral philosophy to literary criticism. We will examine both texts in philosophical ethics, by such figures as Sartre, Derrida, and Marth A. Nussbaum, and works of fiction, by such authors as Jane Austen, Virginia Woolf, and Philip K. Dick.

PHI 3664-Ethics East & West 3

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.

PHI 3670-Moral Conflict 3

This course will examine both the philosophical and practical issues raised by the (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). Questions to be considered include: Do moral values necessarily harmonize with one another? Might the idea of all good things coexisting 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 sociopolitical response to the plural and conflicting nature of value?

PHI 3684-The Art of Living 3

This course will explore different conceptions of the good life and some of the ways that philosophers have proposed one can achieve it (or practice it). We will examine the following questions: What habits or skills does one need to live well and how, if at all, can one go about acquiring them? Is living well primarily a matter of feeling good about one's life or does it involve other more 'objective' components? Should we think of the art of living as identical with morality or should we think of the art of living as something broader and more all-encompassing than morality? The course readings will range from the ancient world up to contemporary society.

PHI 3700-Philosophy of Religion 3

Prerequisite: One course in philosophy other than foreign culture. 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.

PHI 3800-Aesthetics 3

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? 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.

PHI 3880-Philosophy of Film 3

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.

PHI 3881-Philosophy of Music 3

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.

PHI 3930-Selected Topics v. 1-4

May be repeated for a total of 12 credits under different topics.

PHI 3931-East & West: Selected Topics 3

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.

PHI 3935-Ancient Philosophy: Selected Topics 3

This course examines diverse topics in ancient Greek Philosophy, focusing on issues in epistemology, metaphysics, ethics, psychology, or political philosophy. 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 of Greek philosophy. Works studied include those of the Pre-Socratics, Plato, Aristotle, Hellenistic, or Neoplatonic philosophers.

PHI 4220-Philosophy of Language 3

Prerequisite: One course in philosophy other than foreign culture. Language is the most distinctive characteristic of humans. This course will examine a cluster of problems and theories about language including the relation of language to the world, the meanings of propositions, the problem of truth, and what language reveals about the possibility of “innate ideas.”

PHI 4300-Epistemology 3

Prerequisite: One course in philosophy other than foreign culture. Epistemology, the theory of knowledge, is often taken to be a foundational area of philosophy. This course will examine a constellation of related problems, starting with the question: What, if anything, can we know, how we know what we know, and how can we be certain that what we know is true?

PHI 4320-Philosophy of Mind 3

Prerequisite: One course in philosophy other than foreign culture. 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.

PHI 4400-The Philosophy of Science 3

Prerequisite: One course in philosophy other than foreign culture. 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.

PHI 4420-Philosophy of the Social Sciences 3

Prerequisite: One course in philosophy other than foreign culture. 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 given to the relationship of the social sciences to the humanities and the natural sciences.

PHI 4453-Philosophy of Psychiatry 3

Prerequisite: One course in philosophy other than foreign culture. This course examines the philosophical and ethical issues raised by the theory and practice of psychiatry. 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 psychiatric care embody different underlying philosophical assumptions? What different philosophical reasons are there for thinking that psychiatric treatment should be aimed at the mind, the brain, behavior, the self, the soul, or the whole person? What are the philosophical and ethical assumptions behind psychoanalysis? Is psychoanalysis a science, and does it matter if it is not? What philosophical and ethical questions are raised by the use of medication in psychiatric practice?

PHI 4500-Metaphysics 3

Prerequisite: One course in philosophy other than foreign culture. The ultimate nature of reality is probably the oldest and deepest philosophical problem. A number of answers to the question “What is really real?” have been given, several of which will be considered in this course. Special emphasis on the ontological status of minds, universals, matter, and God.

PHI 4905-Directed Individual Study v. 1-3

May be repeated for 12 credits under different topics.

PHI 4930-Special Topics in Philosophy 3

Prerequisite: One course in philosophy other than foreign culture. Topics of importance in philosophy. May be repeated up to 9 credits under different topics. For example: Special Topics: Philosophy of Self.

PHI 4935-Philosophy Seminar v. 3-4

Prerequisite: One course in philosophy other than foreign culture. An investigation of specific philosophical problems or issues. Topics vary. May be repeated for 12 credits with consent of instructor.

PHI 4970-Senior Honors Thesis v.3-6

Research and honors thesis writing under the supervision of a departmental committee. May be repeated for a maximum of 6 credits.

PHM 2030-Ecological Philosophy 3

In this course, we examine the conceptual foundations of the way we relate to our environment, alternative ecological frameworks, and the mutual influence of philosophical theory and ecological practice. This course will have five parts: metaphysics, values, approaches to environmentalism, environmental practice in general and environmental practice in Jacksonville and at UNF. The goal of this course is to familiarize the student with the variety of value approaches one can take toward the natural environment.

PHM 3020-Philosophy of Love & Sex 3

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.

PHM 3050-Death & Dying 3

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.

PHM 3100-Social Philosophy 3

An analysis and evaluation of different accounts of society, social order, and human sociation. Readings from classical social philosophers and contemporary social theorists.

PHM 3304-Political Philosophy 3

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.

PHM 3361-Philosophy of Democracy 3

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.

PHM 3400-Philosophy of Law 3

Prerequisite: One course in philosophy other than foreign culture. Introduction to philosophical issues in legal theory. 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.

PHM 3500-Philosophy of History 3

Prerequisite: One course in philosophy other than foreign culture. An examination of major theories of historical development and explanation. Emphasis placed on the relation of history to nature, human nature, freedom, determinism, progress, regression, cyclicity, eschatology, science, morality and religion. Attention also given to different accounts of historical understanding, historical objectivity, historical causation and the subject matter of history.

PHM 4340-Contemporary Political Philosophy 3

Prerequisite: One course in philosophy other than foreign culture. 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.

PHP 3786-Existentialism 3

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, deBeauvoir and Camus, among others. Topics include the definition of human nature, the relation to others, and the possibility of an Existentialist ethics.

PHP 3790-Pragmatism 3

Pragmatism is perhaps the most enduring and respected of the distinctly American philosophies. Controversial since its beginnings in the latter half of the 19th century, many contemporary philosophers still embrace it today, in spite of its many persistent critics. In this course, we will examine the writings of major pragmatists, both historical and contemporary. Among the philosophers whose views we will examine are James, Peirce, and Dewey. For each philosopher, our task will be to understand both what the philosopher's views are and how those views relate to the views of other pragmatists. The goal is to arrive at a broad understanding of just what it means to be a pragmatist. In addition, we will critically evaluate each individual's views, and the views of pragmatists more generally.

PHP 4410-Kant 3

Prerequisite: One course in philosophy other than foreign culture. This course explores the thought of Immanuel Kant (1724-1804), focusing on the totality of his "critical" philosophy as expressed in his writings on epistemology, science, metaphysics, ethics, morality, religion, and aesthetics. Attention is also given to Kant's "popular" writings on history, politics and culture.

PHP 4782-Phenomenology 3

Prerequisite: One course in philosophy other than foreign culture. This course deals with the central questions and methods of contemporary phenomenology, with emphasis on the primacy of experience, the structures of perception and the construction of the world, with readings in Husserl, Heidegger, Sartre, Merleau-Ponty and others.

REL 2300-CD-Comparative Religion 3

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.

REL 2930-Selected Topics v. 1-4

Variable topics in religion.

REL 3012-CD- Myths & Rituals 3

This course will examine the use of myths, rituals and symbols in the structuring of religious worlds of meaning or "sacred worlds." For this study a "religious" world will refer to a world that is structured from a "sacred" source of life-giving power for the human and natural world. The focus of the course will

be the study of Native American stories, practices, and symbols that exemplify a “religious world”. The second part of the course studies the effects of modernity on myths, rituals and symbols through a study of the process of secularization. The final part of the course concerns re-mything processes in post-modern culture through a study of current approaches to reestablishing a sacred context using myths, rituals and symbols.

REL 3101-Religion & Popular Culture 3

If modern society is, indeed, becoming more secular, what does this mean for the continuing influence of 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.

REL 3102-CD-Religion as Culture 3

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 (Durkheim 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.

REL 3120-Religion in America 3

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.

REL 3127-Religion and the Courts 3

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.

REL 3145-Women in Religion: Western Experience 3

This course involves a historical examination of the connection between gender and religion in Western culture. The role

of women in the Judaic-Christian tradition will be the focus. Attention will be paid to the transition of emphasis on the female principle in early spiritual movements to the patriarchal structure of contemporary religious expression.

REL 3148-Religion & Violence 3

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.

REL 3213-Hebrew Bible/Old Testament 3

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.

REL 3241-New Testament 3

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.

REL 3293-St:Biblical/Scriptural Studies 3

May be repeated for a total of 9 credits under different topics.

REL 3310-Asian Religions 3

This course examines the historical and theological developments within the (1) Islamic, (2) Hindu, (3) Buddhist, (4) Taoist, and (5) Shinto religious traditions. Lectures focus on cultural, philosophical and historical issues relevant to the religion studies. Emphasis is placed upon reading primary source material.

REL 3330-Religions of India 3

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.

REL 3420-20th Century Religious Thought 3

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.

REL 3421-Contemporary Religious Thought 3

This course presents three major movements in recent Christian religious thought: process theology, deriving from A.N. Whitehead and C. Hartshorne; existentialist theology, deriving from R. Bultmann and J. MacQuarrie; and transcendental Thomism, using the work of K. Rahner and B. Lonergan. Developments in the "God is dead" movement will also be considered.

REL 3443-Liberation Theologies 3

This course will identify and explore the religious foundations of the Black Awareness, Third World, and Women's Liberation movements. A process of lecture, discussion, scheduled readings, research and student papers will further a theological appraisal of the political, social, moral and religious issues generative of these movements.

REL 3505-History of Christian Thought 3

This course surveys the historical phenomenon of Christianity. It traces its growth and influence and gives attention to key figures active in the process, from primitive Christianity, the medieval period and the Reformation, to modern times. It seeks not so much to discern the unfolding of a grand design as to see people dealing with the immediate realities of life, thereby finding or creating meaning in the engagement.

REL 3607-Selected Topics Jewish Studies 3

An examination of one of several alternating topics in Jewish thought and history: Rabbinic Judaism; Zionism and the Emergence of Israel; The Cabala and Jewish Mysticism; The Holocaust.

REL 3930-Selected Topics in the History of Religion 3

May be repeated for a total of 9 credits under different topics.

REL 3936-Selected Topics in Religious Thought 3

May be repeated for a total of 15 credits under different topics.

REL 4900-DIS Religious Studies v. 1-3

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.

POLITICAL SCIENCE & PUBLIC ADMINISTRATION**CPO 2002-Introduction to Comparative Politics 3**

This course examines the political structures, processes, and institutions of selected advanced industrial societies.

CPO 3123-(FC)Political Science in Britain/Ireland 3

This course surveys political behavior and government institutions in the context of social change in modern Britain and Ireland.

CPO 3151-(FC)Politics & Society in France 3

This course will examine the political system of France, including its 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.

CPO 3213-(FC) Sub-Saharan Africa 3

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 disequilibrium, as well as by democratic governments.

CPO 3351-(FC)Politics & Society in Brazil 3

This course will examine the political systems and traditions of Brazil, including government institutions, the federal system and state politics, political parties, social movements and elections. Contemporary political issues of special salience to Brazilians will also be analyzed, including poverty and development, human rights, the environment, as well as Brazil's role in international politics.

CPO 3643-(FC)Politics & Society in Russia 3

This course explores politics and society in contemporary Russia. The course covers current governance systems, current policy issues, and Russian political culture.

CPO 4014-Comparative Politics: Frameworks for Analysis 3

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.

CPO 4034-Third World Politics 3

Prerequisite: CPO 2002 or consent of instructor. The subject of this course is political development in selected third world nations (including China), emphasizing the economic, social, and psychological conditions underlying political change.

CPO 4774-Comparative Political Communication 3

This upper-level course examines political campaign communications in Australia, Canada, Germany, Israel, the United Kingdom, and the United States. The course traces the history and development of campaign communications; how and why such messages are constructed; and how they influence, or are used, by the public.

CPO 4930-St: Comparative Politics v. 1-4

Prerequisite: CPO 2002 or consent of instructor. The content of this course covers various specialized studies in the

realm of comparative politics. May be repeated up to a total of 9 credits.

INR 2002-Introduction to International Relations 3

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.

INR 2271-CD-Politics of Mideast and North Africa 3

Today's conflicts in the Middle East and North Africa will be analyzed against the background of the religious, social, linguistic and national divisions that characterize the region. Relations of the states in this region with the United States, Europe and other regions will also be explored.

INR 3016-Global Issues in Contemporary Politics 3

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.

INR 3084-Terrorism Today 3

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.

INR 3248-(FC)U.S. Caribbean/Central Amer Relations 3

This course dissects the key issues in the relationship between the United States and the countries of the Caribbean Basin, including Central America, the island nations of the Caribbean, Mexico, Venezuela and Colombia. Issues such as immigration, security, political and economic development, and the 'War on Drugs, are viewed from North American and Caribbean Basin/ Central American perspectives.

INR 3443-International Law/Organization 3

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.

INR 3955-Political Studies Abroad v.1-3

Prerequisite: Permission of the instructor. The purpose of Political Studies Abroad is to acquaint students first-hand with the political culture and political institutions of other countries. Students will meet with representatives of political

parties, movements and governments in order to learn about issues and policies in the host country. (This course may be repeated for credit.)

INR 4334-American Defense in the Age of Mass Destruction 3

Prerequisite: POS 2041 or consent of instructor. This course examines a number of contemporary defense issues in light of a half-century of American and international experience in dealing with nuclear weapons. The course covers the development of U.S. strategic doctrines, both during and after the Cold War, and explores the relationship of these doctrines to the U.S. defense budget, unilateral and multilateral intervention, including the "War on Terror", ballistic missile defense, and the continuing proliferation of nuclear and other weapons of mass destruction.

INR 4435-Northern Ireland Peace Process 3

Prerequisite: INR 2002. The Northern Ireland Peace Process explores the conflict in Northern Ireland, focusing on the 1990s peace process, the resulting 1998 Good Friday Agreement, and current/potential obstacles to peace. Political concepts such as self-determination, legitimacy, bargaining, and leadership provide means for examining the positions and political cultures of the four main stakeholders: Nationalists, the British government, Unionists, and the Irish government.

INR 4603-International Relations: Frameworks for Analysis 3

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.

INR 4703-International Political Economy 3

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.

INR 4930-Capstone Seminar: International Studies 3

Prerequisite: Senior standing; satisfactory completion of the program's core courses: ANT 3212, ECO 3701, GEO 3553, CPO 4014, or INR 4603, and ANT 4083 or ANT 4801 or HIS 3051 or POS 3713. Through lecture and the discussion of core readings and individual research projects this course will examine contemporary international issues such as globalization, terrorism, the impact of environmental degradation, access to health care, food distribution and, the development of civil societies.

PAD 4003-Public Administration 3

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.

PAD 4027-Issues in Public Management 3

Prerequisite: POS 2041 or consent of instructor. Current developments and considerations in development of effective and responsible management of public agencies. Examination of decision making models and ethical, political, financial, personnel and policy questions as they affect managers and administrators in public sector organizations.

PAD 4832-Issues in Comparative Public Administration 3

This course will compare the public administration systems and public policy-making process in the United States and various other countries, as well as in IGOs and NGOs, as well as in the European Union. The course will examine different means by which policy decisions are taken and implemented in different national and international contexts.

POS 2041-Introduction to American Government 3

This course provides a broad look at government in the U.S., introducing major institutions and participants and considering various explanations of why our political system behaves as it does. The course reviews governmental response to major issues to illustrate both the power and limitations of our system of government.

POS 2932-Special Topics in Politics 3

This course explores political and policy dilemmas associated with cultural and gender issues in both the U.S. and abroad. May be repeated up to 12 credits.

POS 3114-Issues in State & Local Government 3

Prerequisite: POS 2041 or consent of instructor. Analysis of the structure, functions and processes of subnational governments in American state government, city government, metropolitan authorities.

POS 3142-Urban Politics & Policy 3

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.

POS 3235-Government & Mass Media 3

This course examines the mass media as a political actor. It explores the political roles and functions of the mass media; examines relations between government and the mass media; and assesses the relationships between media and political systems in different nations.

POS 3413-The American Presidency 3

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.

POS 3424-Congress/Legislative Procedure 3

Prerequisite: POS 2041 or consent of instructor. 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.

POS 3444-Parties, Campaigns, Elections 3

Prerequisite: POS 2041 or consent of instructor. 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.

POS 3606-The U.S. Supreme Court 3

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.

POS 3615-Soul of the Court 3

This course is designed to introduce the student to the varying judicial philosophies currently in conflict in contemporary American society, with an emphasis on the battle for control of the philosophical composition of the current United States Supreme Court. A major portion of the course will detail the nomination and confirmation battle over Robert Bork to the Supreme Court. The course will then update the continuing saga of the political process at work in attempting to shape the future of the Supreme Court. The course will then delve into the battle over the confirmation of Clarence Thomas to the Supreme Court. The resulting philosophical struggles within the Court will be detailed as those struggles determine the current direction of the Court with respect to contemporary legal issues.

POS 3676-Great American Trials 3

This course provides the student with a historical review of some of the most significant and celebrated cases in American legal history and profiles famous civil litigants and criminal defendants. Trials have served as the ultimate means to resolve major disputes within our society since the earliest days of our country's history. Some of the major events in our nation's development have been centered on major civil litigation, and the controversies generated by crimes of significance; the "trials of the century" featured in this course.

POS 3679-Mock Trial 3

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.

POS 3691-The American Legal System 3

Prerequisite: POS 2041 or consent of instructor. 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.

POS 3713-Political Inquiry and Analysis **3**

Prerequisite: *Sophomores and juniors only.* Introduction to research methods in political science, emphasizing concept formulation, measurement, research design, data collection and analysis and other activities involved in professional political research.

POS 3931-Special Topics in Politics **3**

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.

POS 4033-Controversial Political Issues **3**

Prerequisite: *POS 2041 or CPO 2002 or INR 2002 or consent of instructor.* This course provides an analysis wherein political decisions are the focus for conflicting ideological, moral or economic forces. This course is designed to enhance the students understanding of contemporary issues facing subnational, national and international policy makers.

POS 4093-Politics of the War on Drugs **3**

The course examines the banning of opiates in the United States beginning in 1914 and continuing to the present. It will focus on the role of Federal Drug Enforcement Agencies such as the Drug Enforcement Agency, Federal Mandatory Sentencing Guidelines, campaigns to end international drug trafficking and illicit trafficking of prescription narcotics.

POS 4167-Urban Policy & Planning **3**

Prerequisite: *POS 2041 or consent of instructor.* General analyses of principles and issues of administering city governments. Problems of local governmental managing, budgeting, planning and delivering urban services will be emphasized. Primary focus is the U.S., with reference to selected foreign countries.

POS 4173-Southern Politics **3**

Prerequisite: *POS 2041 or consent of instructor.* Political processes and problems characteristic of the southern states of the U.S.A.

POS 4233-Public Opinion & Interest Groups **3**

Prerequisite: *POS 2041 or consent of instructor.* This course examines the impact of public opinion on the governmental process. The course considers the transformation of public opinion into interest group activities, and the impact of interest groups on the policy process. The course also considers political protest as well as the tendency to avoid political participation.

POS 4463-Interest Groups & American Democracy **3**

Prerequisite: *POS 2041 or consent of instructor.* The purpose of the course is to examine the role of economic interest groups in the American democracy. The role of grassroots movements in these issues will also be considered.

POS 4608-Constitutional Law **3**

Prerequisites: *POS 3606 or consent of instructor.* 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.

POS 4624-Civil Rights & Civil Liberties **3**

Prerequisite: *POS 3606.* 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.

POS 4905-Directed Individual Study **v. 1-4**

Prerequisite: *Completion of all core and field requirements, 3.0 GPA in all political science courses, and permission of academic and career advisor.* Supervised readings and/or research, coupled with presentation of a high-quality paper on a topic of interest to the student. May be repeated up to 12 credits under different topics.

POS 4930-Senior Seminar: Political Science **3**

Prerequisite: *Senior standing; satisfactory completion of all required core courses.* In this course students will study and analyze in depth important contemporary issues in political science. The specific emphasis of the seminar may vary from semester to semester. But knowledge acquired in previous courses in politics, international relations, comparative politics, public policy and public administration will be drawn upon in order to enhance and deepen the student's appreciation of the theories, methods and applications of Political Science in today's world.

POS 4932-ST: Political Science & Public Administration **2**

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.

POS 4945-Internship/Field Experience **v. 3-4**

Prerequisite: *Consent of instructor.* This course provides a supervised internship or research field experience within the discipline of political science.

POT 3003-Political Thought & Action **3**

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.

POT 3075-American Politics & Popular Culture **3**

Prerequisite: *POS 2041 or consent of instructor.* This course systematically and critically explores how, and to what effect, American popular culture shapes our mediated political reality. It focuses on specific artifacts of popular culture: the commercial feature film, television, and popular literature.

POT 3515-Good & Evil **3**

This course will examine extreme political action, behaviors, and policy effects which are labeled as "evil" or "good." Students will examine what these terms mean in political contexts, how these terms are applied, and what activates individuals, movements, and governments to engage in such behaviors. Examples such as terrorism, the Holocaust, institutionalized social and political inequalities, as well as positive programs to eradicate disease and hunger, or international intervention on behalf of human rights will be used as case studies to explore these concepts.

POT 4314-Democratic Theory **3**

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.

PUP 2312-CD-Race/Gender/Political **3**

This course introduces students to the struggle of minorities and women to participate in the formation of public policy in the United States.

PUP 3053-American Political Economy **3**

Prerequisite: CPO 2002. Politics and economics are inextricably linked in most American public policy decisions. This course will examine how the economy affects political decisions, as well as how political choices affect the American economy. The course addresses the development of political economy as a discipline in addition to contemporary domestic policy issues.

PUP 4003-The Policy-Making Process **3**

Prerequisite: POS 2041 or consent of instructor. Study of the legislative, executive, judicial and interest-group relationships in the making and administration of public policy in the USA.

PUP 4506-Evolution, Society & Politics **3**

Prerequisites: POS 2041 or consent of instructor. "Biopolitics" explores the relationship of humankind's evolutionary origins to present social and political behavior, particularly the emergence of state power and institutions. The course surveys key questions, issues, and controversies encountered in "biological" explanations of political phenomena. Additionally, the course examines some contemporary policy issues associated with developments in biotechnology.

PUP 4518-Information Technology & Politics **3**

This course assesses the socio-political implications of current Information Technologies. The course will comparatively examine a host of political issues, including the digital divide, government censorship, online communications and social networks, privacy and information warfare.

PUP 4612-Politics of Social Programs **3**

Examines the political response to maldistribution of wealth and income with special emphasis on analysis of public policy alternatives for achieving social welfare.

PSYCHOLOGY

CBH 3004-Comparative Psychology **3**

Prerequisite: PSY 2012. 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.

CLP 2001-Personal Growth **3**

This course is an introduction to the concepts and techniques of psychology which apply to personal growth and development. Emphasis will be placed on the interpersonal aspects of effective behavior.

CLP 4143-Psychology of Abnormal Behavior **3**

To increase the student's comprehension of the biological, psychological and sociocultural variables that influence the development of problem behaviors and the theories and research in the field of abnormal psychology.

CLP 4183-Stress Management **3**

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.

CLP 4313-Health Psychology **3**

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.

CLP 4314-Behavioral Medicine **3**

Prerequisite: PSY 2012 and CLP 4183. An introduction to the contribution of psychology in understanding the etiology of pathological conditions such as headaches, hypertension and digestive disorders. In addition, the course will focus on ways in which medical and psychological treatments may be combined for the alleviation of such disorders.

DEP 2002-Child/Adolescent Psychology **3**

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.

DEP 3054-Lifespan Developmental Psychology **3**

Prerequisite: PSY 2012 or permission of instructor. 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.

DEP 4060-Applied Developmental Psychology **3**

Prerequisite: DEP 3054. 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 policy settings. An optional associated practicum experience (PSY 4945) is offered with this course.

DEP 4104-Advanced Child Psychology 3

Prerequisite: DEP 3054. 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 the general society.

DEP 4304-Advanced Adolescent Psychology 3

Prerequisite: DEP 3054. This course is designed to create a greater understanding of, and sensitivity to, contemporary adolescent behavior by relating research to current problems in the home, the school and the general society.

DEP 4464-Psychology of Aging 3

Prerequisite: PSY 2012 or consent of instructor. 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.

DEP 4482-Death & Dying 3

Prerequisite: DEP 3054. This course will examine end-of-life issues within the more general context of lifespan developmental psychology. Topics to be discussed include historical perspectives, euthanasia, medical and legal issues, hospice, grief and bereavement, children and death, violent death/disasters/megadeath, and beyond death.

EAB 3013C-Experimental Foundations of Analysis of Behavior Lab 4

Prerequisites: PSY 3214 and PSY 3213L. 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. (A material fee of \$15 will be assessed.)

EAB 4703-Behavior Modification 3

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.

EXP 3104-Human Sensory Perception 3

Prerequisite: PSY 2012. 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.

EXP 3412-Learning Theory 3

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.

EXP 3461C-Human Learning & Performance 4

Prerequisites: PSY 3214 and PSY 3213L. 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.

EXP 3604-Cognitive Psychology 3

Prerequisite: PSY 2012. 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.

EXP 3680C-Experimental Cognitive Psychology 4

Prerequisites: PSY 3214 and PSY 3213L. 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.

EXP 3703C-Computer Applications in Psych Research 4

Prerequisites: PSY 3214 and PSY 3213L. 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.

INP 4004-Industrial Organizational Psychology 3

Prerequisite: SOP 3004. 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.

PCO 4004-Introduction to Counseling 3

Prerequisites: DEP 3054 plus PPE 4003 or CLP 4143. 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.

PPE 4003-Theories of Personality 3

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.

PSB 3002-Psychobiology 3

Prerequisites: Human Anatomy and Physiology, Zoology or General Biology with laboratory. An 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.

PSB 4113-Principles of Biofeedback **3**

An in-depth discussion of the major modes of biofeedback, including electromyographic and thermal feedback. This course will introduce students to the advantages, disadvantages, safety precautions, ethics and major applications of biofeedback.

PSY 2012-Introduction to Psychology **3**

An introduction to the scientific study of human and animal behavior. The principles, theories and methods of psychology will be surveyed in the context of topics central to the development and present status of the discipline.

PSY 2930-Special Topics **3**

Exploration of topics of current importance in psychology. Topics will vary from semester to semester. May be taken by majors and non-majors. May be repeated up to 12 credits.

PSY 3025-Major in Psychology Seminar **1**

Prerequisite: PSY 2012. This course provides a broad overview of educational and professional issues that are of relevance to students majoring, or considering a major, in psychology. The course utilizes a mixture of seminar and lecture format. The grading is Pass/Fail only. Regular class attendance and class participation are required for a passing grade.

PSY 3213L-Research Methods Lab **1**

Prerequisite or corequisite: PSY 3214. 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.

PSY 3214-Research Methods in Psychology **3**

Prerequisite: STA 2014. 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.

PSY 3911-Supervised Research **V. 1-3**

Prerequisite: PSY 3214. 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 is on a pass/fail basis.

PSY 4302C-Psychological Testing **4**

Prerequisites: STA 2014, PSY 3214 and PSY 3213L. 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.

PSY 4604-History of Psychology **3**

Prerequisites: PSY 2012 or equivalent and junior or senior status; permission of instructor. 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.

PSY 4904-G(W) Honors Research **v. 1-6**

Prerequisites: Admission to Honors in Psychology Program, PSY 3214, and one experimental course. 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.

PSY 4906-Directed Individual Study **v. 1-3**

Prerequisite: Fifteen hours core in psychology. May be repeated up to 12 credits under different topics but only 3 credits may be counted as a part of the degree program.

PSY 4931-Seminar v. 1-3

Prerequisite: Fifteen hours core in psychology. May be repeated up to 12 credits but only 3 credits may be counted as a part of the degree program.

PSY 4935-Special Topics in Psychology **v. 1-4**

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. May be repeated up to 12 credits but only 4 credits may be counted as part of the degree program. May be taken by non-majors.

PSY 4945-Practicum: Applied Psychology **v. 1-3**

Placement in a community setting reflecting the student's main area of job orientation; supervision by faculty. 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.

SOP 2772-Human Sexual Behavior **3**

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.

SOP 3004-Social Psychology **3**

An introduction to the study of social influences on human behavior. Topics include social perception, affiliation, attraction, pro-social behavior, aggression, attitudes and attitude change, group behavior and leadership.

SOP 3214C-Experimental Social Psychology **4**

Prerequisites: PSY 3214 and PSY 3213L. An introduction to the study of social influences on the behavior of individuals. The principles studied will be applied under controlled laboratory conditions.

SOP 3515-Conflict Transformation **3**

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 socioeconomic status are a damaging source of conflict.

SOP 3723-Culture & Psychology 3

Prerequisites: PSY 2012. This course introduces the student to the essential concepts and research in the fields of cultural 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. The course will follow different didactic methods, e.g. lectures, group work, movies, presentations, discussions, activities, field trips, and assignments.

SOP 3742-CD-Psychology of Women 3

An investigation of major personality theories and clinical practices as they relate to female psychology. Findings from the field of psychology regarding differences between males and females will be explored.

SOP 3751-Psychology & the Law 3

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.

SOCIOLOGY & ANTHROPOLOGY

ANT 2000-CD-Introduction to Anthropology 3

An introduction to the critical issues in anthropology. The major subfields of archaeology, physical anthropology, linguistics, and cultural anthropology are examined for an understanding of contemporary and past cultural issues such as the rise of civilization, origins of language, and the roots of social inequality.

ANT 2100-Introduction to Archaeology 3

The basic theoretical and methodological principles of American archeology. The course covers the methods and tools used by archaeologists, the framework of inquiry and methods of recovery, analysis, interpretation and explanation.

ANT 2423-CD Kinship & the Family 3

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.

ANT 2930-CD-Special Topics in Anthropology 3

Examination of topics of current importance in anthropology. Topics may vary. May be repeated for 6 credits.

ANT 3212-CD-(FC)Peoples & Cultures of the World 3

This course uses a comparative approach to investigate 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.

ANT 3243-Comparative Muslim Cultures 3

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.

ANT 3311-(FC) Indians Southeastern U.S. 3

This course investigates the indigenous populations of the Southeastern United States. Material covered ranges from the prehistoric record to European Contact to the historic transformation and/or destruction of these groups. This class covers a broad range of topics and native groups.

ANT 3312-CD-(FC)North American Indians 3

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.

ANT 3340-Anthropology of the West Indies 3

This course examines the people and cultures of the West Indies from an anthropological perspective. We include the Hispanic, Francophone, and Anglophone islands of the Caribbean, as well as adjacent regions of Central and South America.

ANT 3443-The City & Health 3

The majority of the world's inhabitants will live in an urban environment at the end of this decade. The urban environment contrasts sharply with environments that characterized human evolutionary history. This course considers the consequences of urbanization to human health and quality of life. Using popular and scholarly literature, other media, and guest lectures, students will survey the history of health and disease in relation to place. An emphasis will be placed on the role of the social environment in the production of disease and ask: How do human biology, evolution, history, and culture intersect with the social and physical environments to produce ill health? What characteristics of urbanization and urbanicity impact well-being? How can the social sciences help us explain

disease patterns and promote health in an increasingly urban world? Instructional methods include didactic lectures, on-line assignments, reflection papers, and special projects.

ANT 3513-Principles of Physical Anthropology 3

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.

ANT 3610-Linguistic Anthropology 3

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.

ANT 3740-Forensics 3

This course is designed to introduce students to those scientific principles, techniques, methods, and technology that are regularly used for human identification. It will cover the latest in scientific data collection and analysis, including DNA fingerprinting, traditional fingerprinting, serology, toxicology, effects of ballistics on bodies, trace evidence, and forensic anthropology. The course will also explore methods of scientific data collection and handling, autopsies and cause-of-death determination, and processes of corpse decomposition. Throughout the course, students will engage in a variety of hands-on projects in which they will apply the scientific techniques and methods that they learn to collect and interpret data. Students will also engage in discourse that will explore how these scientific methodologies articulate with modern American social and cultural ideals, values, and norms. *(A material fee of \$7.20 will be assessed).*

ANT 3933-Seminar in Anthropology 3

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.

ANT 4034-Survey of Anthropological Theories 3

This class examines the historical development of anthropological theories and methodologies. Students will read and discuss seminal works in sociocultural anthropology.

ANT 4083-Quantitative Methods in Anthropology 3

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.

ANT 4192-Archaeological Research Strategy 3

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.

ANT 4241-Anthropology of Religion 3

The cultural conceptions of supernatural reality with an emphasis upon comparative understanding of myth and ritual, the religious experiences and revitalization movements.

ANT 4274-Political Anthropology 3

An anthropological examination of politics, including a cross-cultural comparison of political structures, leadership, factions, the politics of ethnicity and political change.

ANT 4331-(FC) People of the Andes 3

The geography, history, culture and current status of South American Andean peoples.

ANT 4352-(FC) Peoples & Cultures of Africa 3

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 sociocultural institutions such as political economy, religion, kinship, gender, art, and aesthetics.

ANT 4362-(FC) Peoples & Cultures of Southeast Asia 3

This course acquaints the student with some of the peoples and cultures of Southeast Asia including foragers, farmers and urban populations. It examines prehistory of the region, the development of complex state societies, and the impact of world religions (Buddhism, Hinduism, and Islam) as well as European colonialism. It examines a number of key contemporary social and economic issues in the region, including deforestation, agrarian transformation, religious revitalization, and the changing status of women.

ANT 4444-Cities & Globalization 3

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.

ANT 4495-Cross Cultural Methods 3

This class investigates a variety of anthropological and social science methods to produce a useful set of tools for cross-cultural analysis. Subjects for analysis include the idea of culture, kinship systems, economic relations, world views, and modern business practices.

ANT 4620-Language, Culture & Society 3

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.

ANT 4801-Ethnographic Methods 3

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.

ANT 4905-Directed Independent Study in Anthropology 3

Students pursue under faculty supervision a research topic of the student's own choice. May be repeated for 12 credits under different topics.

ANT 4931-Selected Topics: Cultural Anthropology 3

Study of relevant issues in cultural anthropology. May be repeated for 12 credits under different topics.

IDS 3213-Introduction to the Metropolis 3

This course will introduce students to the field of urban and metropolitan studies from an interdisciplinary perspective. Students will become familiar with the distinct patterns, processes, and institutions of urban and metropolitan areas as understood by scholars in social sciences, humanities, engineering, education, and health. In addition, by reading central works in the field and interacting with scholars and practitioners working in urban environments, students will examine theoretical and methodological approaches to the metropolis as an object of study and as a site for applied work.

SOW 3203-Social Welfare Institutions 3

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 vulnerable and oppressed populations. Students will be introduced to the basics of policy analysis and program evaluation. Controversial issues relating to current policies and programs will be explored.

SOW 4302-Social Work Practice I 3

Prerequisite: *SOW 3203.* This course provides a foundation in generalist social work knowledge and skills for practice at the micro-level with individuals and families in a variety of social services settings. Emphasis will be placed upon the

development of interpersonal communication, assessment, and service planning skills. Special attention will be paid to the influence of personal values and biases on effective and ethical social work practice with individuals and families. Strategies for the resolution of ethical dilemmas and culturally competent practice will be explored.

SOW 4322-Social Work Practice II 3

Prerequisite: *SOW 3203.* This course provides a foundation in the development of generalist social work knowledge and skills for practice at the mezzo- and macro-levels with groups, organizations, and communities. Theories and models of group, organizational, and community behavior and change will be examined. The role of social workers in advocating for organizational and social change will be explored.

SOW 4510-Practicum Seminar 1

Prerequisites: *SOW 3203, SOW 4302, SOW 4322.*
Corequisite: *SOW 4511.* The Practicum Seminar is a corequisite of the Community Agency Practicum. The purpose of the seminar is to provide students with a structured environment in which to engage in self-assessment regarding their ability to apply knowledge and skills acquired in the classroom to practice with clients. Students will also examine personal values and biases as they impact interactions with clients and coworkers and apply critical thinking and problem-solving skills to experiences and ethical dilemmas encountered in the practice setting. Tools for networking, navigating a bureaucratic environment, continuing one's professional education, and addressing burnout and compassion fatigue will be examined.

SOW 4511-Community Agency Practicum 3

Prerequisites: *SOW 3203, SOW 4302, SOW 4322.*
Corequisite: *SOW 4510.* This supervised field experience allows students to apply the conceptual knowledge, and skills acquired through academic courses to work with a specific client system in a social services setting. The practicum is integral to the education and professional socialization of social welfare students, providing a structured and supervised environment in which students may apply theoretical knowledge, test and refine practice skills, and adopt professional behaviors.

SOW 4930-Special Topics in Social Welfare 3

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.

SYA 3300-Logic of Inquiry 3

Prerequisite: *STA 2014 or equivalent.* 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.

SYA 3310-Qualitative Research Methods 3

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.

SYA 3450C-Social Science Data Analysis **3**

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.

SYA 3930-Junior Seminar **3**

Prerequisite: SYG 2000 or equivalent. This course provides students majoring in sociology an opportunity to systematically explore the discipline.

SYA 3931-Special Topics in Sociology **v. 2-5**

This course will cover variable topics in sociology. The course may be repeated for a total of 15 credits under different topics.

SYA 4010-Sociological Theory **3**

Prerequisite: Any 2000-level sociology course. 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.

SYA 4905-Directed Individual Study **v. 2-6**

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.

SYA 4930-Special Topics in Sociology **v. 2-5**

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.

SYA 4935-Senior Seminar **3**

The substantive focus of this seminar is chosen by the instructor, and allows students to collaborate on a specific research project. The course will combine readings and lectures on the chosen topic with an application of relevant sociological theories and methods to produce an original piece of sociological research.

SYD 3020-Social Demography **3**

This course analyzes the social aspects of human populations around the world with particular emphasis on the US population. This course deals with census data, fertility, morality, migration and the diversity of the U.S. population.

SYD 3410-Urban Sociology **3**

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.

SYD 3700-CD-Racial & Culture Minorities **3**

An examination of selected racial, ethnic and religious subcultures with respect to past and present patterns of

participation, minority-majority relations, maintenance patterns and consequences of prejudice and discrimination for American social life.

SYD 3800-CD - Gender & Society **3**

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.

SYD 4510-Environment & Society **3**

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.

SYD 4601-Community Organization, Change & Dev. **3**

Prerequisite: SYG 2000 or equivalent. This course critically examines contemporary communities and neighborhoods in urban societies. The course examines community organizations, community power and leadership and alternative approaches designed to create community change and development.

SYG 2000-Introduction to Sociology **3**

A study of sociological concepts essential for an understanding of individual, society and social structure. General concepts which integrate the field are considered so that more specialized courses may be understood in context.

SYG 2010-Social Problems **3**

A study of social conditions and situations judged to be undesirable or intolerable by the members of society and to require group action toward constructive form.

SYG 2013-CD-Sex Race and Class **3**

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.

SYO 3110-Sexuality & Marriage **3**

This course focuses on the dynamics of sexuality and marriage manifested in modern American society. Topics include interpersonal attraction, social dimensions of sexuality, marital and family interaction, parenting, marital breakup and alternate family forms.

SYO 3530-Social Stratification **3**

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.

<u>SYO 4100-Sociology of the Family</u>	3	<u>SYP 4351-Social Movements & Social Change</u>	3
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.		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.	
<u>SYO 4200-Sociology of Religion</u>	3	<u>SYP 4530-Juvenile Delinquency & Juvenile Justice</u>	3
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.		A study of the definitions and etiology of delinquent behavior; the adjudication process for juveniles, both in theory and practice; and treatment procedures.	
<u>SYO 4300-Political Sociology</u>	3	<u>SYP 4560-Child Abuse & Incest</u>	3
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.		The goal of this course is to extend the student's knowledge of the dynamics of child abuse and incest and learn its impact on the individual, the family, and our community. Our objectives will be to identify the dynamics of child abuse, and child neglect, both within and outside of the family; to gain an historical perspective on child abuse; to gain knowledge of identifying factors of child abuse victims; to learn how to treat child abuse offenders; and to be familiar with local community response to child abuse, state statutes and national trends.	
<u>SYO 4370-Sociology of Work</u>	3	<u>SYP 4660-Sociology of Culture</u>	3
Work is a social phenomenon because it is done with a variety of other people - bosses, coworkers, 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.		This course introduces students to the sociological study of culture, including how culture relates to inequality, social organization, and social structure. Students will become familiar with empirical work on the production and uses of cultural goods, as well as classic and contemporary theoretical accounts of the role of culture in social life.	
<u>SYO 4400-Health, Illness & Society</u>	3	<u>SYP 4730-Sociology of Aging</u>	3
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.		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.	
<u>SYP 3440-Social Change & International Development</u>	3		
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.			
<u>SYP 3520-Criminology</u>	3		
This course studies major theories and empirical research findings pertaining to the causes, prevention, treatment and control of criminal behavior.			
<u>SYP 3570-Deviance & Social Control</u>	3		
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.			
<u>SYP 4050-Sociology of Human Interaction</u>	3		
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.			
WORLD LANGUAGES			
		<u>CHI 1120-Beginning Chinese I</u>	4
		This course provides a basic introduction to modern Chinese, building a solid foundation in the structures, vocabulary, and pronunciation of the language. Native speakers of Chinese may take this course only with the permission of the language coordinator.	
		<u>CHI 1121-Beginning Chinese II</u>	4
		<i>Prerequisites: CHI 1120 or equivalent.</i> 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 speakers of Chinese may take this course only with the permission of the language coordinator.	
		<u>CHI 2200-Intermediate Chinese I</u>	3
		<i>Prerequisites: CHI 1120, CHI 1121 or equivalent.</i> 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 speakers of	

Chinese may take this course only with the permission of the language coordinator.

CHI 2201-Intermediate Chinese II 3

Prerequisite: *CHI 2200*. 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 speakers of Chinese may take this course only with the permission of the language coordinator.

FIL 4822-French Cinema 3

This course examines narrative and thematic structure in recent French cinema. We 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.

FOL 1950-Beginning Foreign Language Abroad v. 3-6

Prerequisite: *Permission by program director*. Students can earn up to six hours of credit through study of foreign language abroad at the beginning level. Prior approval is necessary.

FOL 2930-Beginning Foreign Language I 4

Introductory intensive training in such languages as Arabic, Hebrew, Hindi, Japanese, Latin, Mandarin Chinese, Portuguese, and Russian. May require a lab. May be repeated for credit for different languages. Title varies with offering. May not be taken for credit by students with six or more hours of college credit in the target language.

FOL 2931-Beginning Foreign Language II 4

Prerequisite: *FOL 2930 in the target language or equivalent proficiency*. Continued intensive training in selected languages. May require a lab. May be repeated for credit for different languages. Title varies with offering. May not be taken for credit by students with twelve or more hours of college credit in the target language.

FOL 2952-Intermediate Language Abroad v. 3-12

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.

FOL 3930-Special Topics: Foreign Languages v. 2-4

Intensive training in such languages as French, Spanish and Portuguese, as resources and interests allow or intermediate and advanced training in French and Spanish. May require a lab. May be repeated up to 12 credits for different languages and levels. Title varies with offering.

FOL 3953-Advanced Foreign Language Abroad v. 3-12

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.

FOL 4905-Dir. Independent Study in Foreign Language 1

Selected foreign languages such as French and Spanish offered on an individual basis with self-instructional materials and a tutor. May be repeated up to 12 credits under different topics.

FOT 3510-(FC) Love in the Middle Ages 3

This course explores the ways in which love inspired and troubled our predecessors in the cultures of Medieval Europe, and reveals to us the roots of many of our modern conceptions of romantic love, sex, and marriage. Readings include courtly and Arthurian literature, bawdy tales, and other contemporary works, as well as modern historical evaluations. This course satisfies the Foreign Culture requirement.

FOT 3552-(FC) Women of Muslim-Arab World 3

This course examines the changing roles of women in the Arab world through historical, anthropological, sociological, and fictional readings. The language of instruction is English. This course satisfies Foreign Culture requirement.

FOT 3931-(FC) Study in Foreign Culture 3

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.

FRE 1120-Beginning French I 4

This course stresses the development of communicative and functional language use at the beginning level. This course gives the student the opportunity to develop a basic ability to read, write, speak and comprehend modern French. Native speakers of French may take this course only with the permission of the foreign language coordinator.

FRE 1121-Beginning French II 4

Prerequisite: *FRE 1120 or as determined by placement test results*. 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 speakers of French may take this course only with the permission of the foreign language coordinator.

FRE 2240-Intermediate French I 3

Prerequisites: *FRE 1120 and FRE 1121 or as determined by placement test results*. 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 speakers of French may take this course only with permission of the foreign language coordinator.

FRE 2241-Intermediate French II 3

Prerequisite: *FRE 2240 or as determined by placement test results*. 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 speakers of French may take this course only with permission of the foreign language coordinator.

FRE 3280-Listening Skills in French 3

Prerequisite: *FRE 2240*. **Corequisite:** *FRE 2241*. This course provides training in the development of good listening skills in French, with an emphasis on understanding regional accents and

expressions, broadcast journalism, and colloquial speech patterns in French. Native speakers of French may take this course only with permission of the foreign language coordinator.

FRE 3402-Advanced French Conversation 3

Prerequisites: *FRE 2240 and FRE 2241 or permission of instructor.* This course promotes the development of advanced skills in conversation and comprehension with emphasis on normative aspects of spoken French; it will include conversation on different topics. Native speakers of French may take this course only with permission of the foreign language coordinator.

FRE 3420-Advanced French Grammar 3

Prerequisites: *FRE 2240 and FRE 2241 or permission of instructor.* This course presents an intensive review of French grammar including an in-depth analysis of the finer points of French syntax not usually covered in beginning and intermediate level courses; includes practice in written expression. Native speakers of French may take this course only with permission of the foreign language coordinator.

FRE 3430-French for the Professions 3

Prerequisites: *FRE 2240 and FRE 2241 or permission of instructor.* This course provides students with the vocabulary and communicative skills related to different professions such as business and law. The language of instruction is French. Native speakers of French may take this course only with permission of the foreign language coordinator.

FRE 4422-Advance French Composition and Styles 3

Prerequisites: *FRE 2240 and FRE 2241.* This course is a study of the complexities of written French through readings and extensive writing assignments in the form of themes, sketches, poems, and original stories.

FRE 4501-France Today 3

Prerequisites: *FRE 2240 and FRE 2241.* 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 course is taught in French.

FRT 3550-(FC) Faces of France 3

This course examines social, political, literary, and artistic issues in contemporary France through the study of culture, fiction, and film. This course will be taught in English.

FRT 3551-Francophone African Literatures & Culture 3

This course provides an introduction to the literatures and cultures of 20th century francophone Africa. The course focuses on the thematic development of francophone African literature and on the sociocultural portraits provided by the texts read and the films viewed. This course will be taught in English.

FRT 3800-French Translation Techniques 3

Prerequisites: *Six hours of intermediate-level French, FRE 2240 and FRE 2241 or permission of instructor.* 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.

FRT 4561-Women in French Literature/Culture 3

This course is a study of important women writers and cultural figures drawn from the Middle Ages to the present such as Marie de France, Christine de Pisan, Louise Labi, Mme de Lafayette, Georges Sand, Colette, Simone de Beauvoir, Marguerite Duras, Helene Cixous, etc. The professor may choose to focus the course on particular periods or centuries. This course is taught in English.

FRW 3100-French Literature: Pre-19th Century 3

Prerequisites: *FRE 2240 and FRE 2241.* This course provides a survey of major French texts and authors from the medieval period to the end of the 18th century.

FRW 3101-French Literature: Modern Period 3

Prerequisites: *FRE 2240 and FRE 2241.* This course will provide a survey of representative works from the 19th and 20th centuries, with emphasis on the evolution of literature and its relation to society throughout this period. This course is taught in French.

FRW 3810-Reading French Texts 3

Prerequisites: *FRE 2240 and FRE 2241 or permission of instructor.* This course develops skills in reading and analyzing literary and cultural texts, with practice in French "explication de texte."

FRW 4301-French Culture through Theater 3

Prerequisites: *FRE 2240 and FRE 2241.* This course is a survey of French theater from Moliere to Beckett with an emphasis on theater as a mirror for social change and as a reflection of the evolution of French culture throughout history.

FRW 4930-Special Topics: French Literature 3

Prerequisites: *FRE 2240 and FRE 2241.* This course constitutes a focused study of an author, period, movement or theme, and may be repeated up to 6 credits with different topics.

GER 1120-Beginning German I 4

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.

GER 1121-Beginning German II 4

Prerequisite: *GER 1120 or equivalent.* 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 prepares students for study at the intermediate level. Native speakers of German may take this course only with the permission of the language coordinator.

GER 2200-Intermediate German I 3

Prerequisite: *GER 1120 and GER 1121 or equivalents.* 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.

GER 2201-Intermediate German II **3**

Prerequisite: GER 2200. 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.

JPN 1120-Beginning Japanese I **4**

This course introduces students to the basics of Japanese grammar, writing, culture and conversation.

JPN 1121-Beginning Japanese II **4**

Prerequisite: JPN 1120 or permission of instructor. This course introduces students to the basics of Japanese grammar, writing, culture and conversation begun in JPN 1120.

LAS 3020-(FC) Peoples & Cultures of the Caribbean **3**

This course examines the history, peoples and cultures of this region. Language of instruction is English.

LAS 3031-(FC) Peoples & Cultures of the South Cone **3**

This course is a presentation of the history and culture of the people living in Argentina, Chile, Uruguay and Paraguay. The language of instruction is English.

LAS 3033-(FC) Peoples & Cultures of Central America & Mexico **3**

This course examines the history, peoples and cultures of this region in Latin America. The language of instruction is English.

LAS 3280-Issues in Modern Brazilian Culture **3**

This course examines issues in modern Brazilian culture, such as incarceration, land reform, violence, or race. Focus lies on how Brazilians themselves have attempted to approach these issues through different cultural representations. Texts come from different media, such as literature, film, music, or photography. Language of instruction is English.

LAS 3930-(FC) Cultures of Latin America **3**

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 World Languages for individual course descriptions. Language of instruction is English.

LAT 1120-Beginning Latin I **4**

In this course, students will learn the basics of classical Latin, including grammar, vocabulary, and syntax. This course also introduces students to reading and translating Latin.

LAT 1121-Beginning Latin II **4**

Prerequisites: LAT 1120 Beginning Latin I or equivalent. This course builds upon the material mastered in Beginning Latin I, with an emphasis on advanced structures in the language. In this course, students will practice additional verb

tenses and more complex syntax. Readings and texts selected for translation will include major Latin authors.

POR 1120-Beginning Portuguese I **4**

This course provides an elementary-level study of the language, with an emphasis on speaking, understanding, writing, and reading Portuguese. Students also learn about the cultures of Portuguese-speaking countries. Native speakers of Portuguese may take this course only with the permission of the language coordinator.

POR 1121-Beginning Portuguese II **4**

Prerequisites: POR 1120 Beginning Portuguese I or equivalent. This course is the continuation of the elementary-level study of the language, stressing speaking, understanding, writing, and reading Portuguese. Students learn about the cultures of Portuguese-speaking countries. Native speakers of Portuguese may take this course only with the permission of the language coordinator.

POR 2200-Intermediate Portuguese I **3**

Prerequisites: POR 1120, POR 1121 or equivalent. Intermediate Portuguese I builds upon the foundation of first-year Portuguese, with an emphasis on perfecting speaking, writing, and comprehension skills. In second-year Portuguese, students master additional verb tenses and advanced grammatical structures. Native speakers of Portuguese may take this course only with the permission of the language coordinator.

POR 2201-Intermediate Portuguese II **3**

Prerequisites: POR 2200 or equivalent. This course is a continuation of intermediate-level Portuguese, with further emphasis on perfecting speaking, writing, and comprehension skills. At this level, students are required to master most verb tenses and additional advanced grammatical structures. Native speakers of Portuguese may take this course only with the permission of the language coordinator.

RUS 1120-Beginning Russian I **4**

This course provides an elementary-level study of the Russian language, with an emphasis on acquiring a basic proficiency in speaking, understanding, writing and reading Russian. Native speakers of Russian may take this course only with the permission of the language coordinator.

RUS 1121-Beginning Russian II **4**

Prerequisites: RUS 1120 or equivalent. This course is a continuation of the first-year sequence in Russian, with an emphasis on improving the student's proficiency in speaking, understanding, writing, and reading. In this course, students will also study the cultures of Russia. Native speakers of Russian may take this course only with the permission of the language coordinator.

RUS 2200-Intermediate Russian I **3**

Prerequisites: RUS 1120, RUS 1121 or equivalent. Building upon the proficiency mastered in first-year Russian, this course develops speaking, writing, understanding, and reading skills in Russian at the intermediate level. In this course, students demonstrate proficiency in all major verb tenses and in the use of advanced grammatical structures. Native speakers of Russian may take this course only with the permission of the language coordinator.

RUS 2201-Intermediate Russian II 3

Prerequisite: *RUS 2200 or equivalent.* This course is the continuation of second-year Russian, with an emphasis on perfecting speaking, writing, understanding, and reading skills in the language at the intermediate level. Students demonstrate proficiency in all major verb tenses and in the use of advanced grammatical structures; in addition, students will read excerpts of Russian literature. Native speakers of Russian may take this course only with the permission of the language coordinator.

SPN 1120-Beginning Spanish I 4

Emphasizing development of practical skills rather than grammatical knowledge, this course will give the student the opportunity to develop the foundations of an ability to read, write, and speak modern Spanish. Native speakers of Spanish may take this course only with the permission of the Foreign language coordinator.

SPN 1121-Beginning Spanish II 4

Prerequisite: *SPN 1120 or as determined by placement test results.* Emphasizing the development of practical skills rather than grammatical knowledge, this course prepares the student to read, write and speak modern Spanish and prepares the student for more advanced study. Native speakers of Spanish may take this course only with the permission of the foreign language coordinator.

SPN 1134-Accelerated Beginning Spanish 6

Prerequisite: *Two years of high school Spanish; or one year college Spanish; or as determined by placement test results.* This course provides an accelerated introduction to Spanish for those who have had some Spanish but who are not ready for study at the Intermediate level. The course emphasizes practical listening, speaking, reading, and writing skills. The material covered is equivalent to that covered in SPN 1120-1121. Native speakers of Spanish may take this course only with the permission of the foreign language coordinator.

SPN 2030-Medical Spanish 3

Development of vocabulary and conversational skills related to health care delivery.

SPN 2200-Intermediate Spanish I 3

Prerequisites: *SPN 1121 and SPN 1134 or as determined by placement test results.* 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 speakers of Spanish may take this course only with the permission of the foreign language coordinator.

SPN 2201-Intermediate Spanish II 3

Prerequisite: *SPN 2200 or as determined by placement test results.* As 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 speakers of Spanish may take this course only with the permission of the foreign language coordinator.

SPN 3013-Spanish for Professions 3

Prerequisite: *SPN 2201 or as determined by placement test results.* This course provides students with the vocabulary

and communicative skills related to different professions, such as business, medicine, or law.

SPN 3242-Spanish Conversation 3

Prerequisite: *SPN 2201 or as determined by placement test results.* This course develops conversational skills in Spanish at the intermediate level. It includes conversation on directed topics. Native speakers of Spanish may take this course only with the permission of the foreign language coordinator.

SPN 3300-Spanish Grammar 3

Prerequisite: *SPN 2201 or as determined by placement test results.* This course focuses on improving students' command of Spanish grammar, with equal emphasis on the four communication skills: speaking, listening, reading, and writing. Students will interact in Spanish, both in written and oral language, implementing the vocabulary and grammar items in the course-such as verb tenses, grammatical structures, and vocabulary field.

SPN 3350-Reading & Writing Spanish 3

Prerequisite: *SPN 2201 Intermediate Spanish II or permission of the instructor.* This course is for students accustomed to hearing Spanish at home but who have never studied Spanish formally. The course places strong emphasis on grammar, as well as reading, writing, and vocabulary building.

SPN 3500-(FC) People & Cultures of Spain 3

This course examines the history, people and cultures of the different regions of Spain. The language of instruction is English.

SPN 3501-Hispanic Culture 3

Prerequisites: *SPN 3242 and SPN 3300 or SPN 3350 or departmental permission.* This course examines topics and issues pertaining to Spain, Latin America, and/or U.S. Latinos. The course will be taught entirely in Spanish so that students develop a better understanding of the intrinsic relationship between language and culture. This course may be repeated once for credit with a change in subject matter.

SPN 4400-Advanced Spanish Grammar and Discussion 3

Prerequisites: *SPN 3300 or SPN 3350.* This course combines the study of Spanish grammar through the analysis of selected readings and activities with a strong emphasis on oral expression at an advanced level, particularly formal speech. The successful student will develop advanced oral skills useful to maintain an effective debate. Student will investigate the subtleties of Spanish grammar at an advanced level.

SPN 4410-Advanced Spanish Conversation 3

Prerequisites: *SPN 3242 and SPN 3300 or departmental permission.* This course promotes the development of advanced skills in conversation and comprehension with emphasis on normative aspects of spoken Spanish; it will include conversation on directed topics. Native speakers of Spanish may take this course only with the permission of the foreign language coordinator.

SPN 4905-Directed Independent Study v. 3-6

Prerequisites: *SPN 2200, SPN 2201 and permission of instructor, foreign language coordinator and department chairperson.* Directed individual research or study on a topic

related to the language and cultures of Spanish speaking peoples. May be repeated up to 12 credits under different topics.

SPN 4930-Seminar 3

Prerequisites: *15 hours in the major; permission of foreign language coordinator.* Variable topics and current issues related to the language and culture of Spanish speaking peoples. May be repeated up to 12 credits under different topics.

SPN 4970-Senior Thesis v. 3-6

Students will submit a thesis or a research project in Spanish under the supervision of a faculty member. This elective is designed for students who plan to become teachers or pursue graduate studies in Spanish.

SPW 3030-Interpreting Hispanic Literature 3

Prerequisites: *SPN 3242 and SPN 3300 or departmental permission.* This course consists of readings and analysis of brief literary selections to acquaint students with the basic skills and terminology involved in literary criticism. Native speakers of Spanish may take this course only with the permission of the foreign language coordinator.

SPW 3100-Survey of Spanish Literature 3

Prerequisite: *SPW 3030.* Survey of peninsular Spanish literature, readings of authors such as Cervantes, Lope de Vega, Becquer, Garcia Lorca, Unamuno, Valle Inclan, and others.

SPW 3130-Survey of Latin American Literature 3

Prerequisite: *SPW 3030.* Survey of major authors of the Spanish literature of Latin America, such as Sor Juana de la Cruz, Gabriela Mistral, Jose Maria Arguedas, Ricardo Palma and Jose Marti.

SPW 4193-Periods of Latin American Literature 3

Prerequisite: *SPW 3030.* This course examines specific periods in Latin American literature from colonial times to present. The course may be repeated once for credit with a change in subject matter.

SPW 4223-Hispanic Genres 3

Prerequisites: *SPN 3300 or SPN 3350 and SPW 3030.* This course examines one or more literary genres, such as poetry, essay, short stories, theater, and the novel, in the literatures of Spain and/or Latin America. This course may be repeated for a total of 6 credits with a change in subject matter.

SPW 4394-Ibero-American Film 3

Prerequisites: *SPN 3300 or SPN 3350.* This course examines the development of cinema in Latin American and/or Spain. The geographic focus will depend on the instructor's area of specialization. Films will be studied in relation to the sociopolitical context and emphasis will be placed on close analysis as well as contextual understanding of the material. This course may be repeated once for a total of 6 credits with a change in subject matter.

SPW 4400-Periods of Spanish Literature 3

Prerequisite: *SPW 3030.* This course examines a specific period in Spanish literature from the Middle Ages to the present. This course may be repeated once for credit with a change in subject matter.

College of Computing, Engineering & Construction



Neal S. Coulter, Dean & Professor
Gerald Merckel, Associate Dean & Professor
(904) 620-1350
www.unf.edu/ccec

The College of Computing, Engineering and Construction (CCEC) prepares students for professional responsibilities and creative achievement in the fields of Computer Science, Information Systems, Information Science, Information Technology, Electrical, Mechanical, and Civil Engineering and Construction Management. Undergraduate degrees offered are the Bachelor of Science in Computer and Information Sciences, the Bachelor of Science in Electrical Engineering, the Bachelor of Science in Civil Engineering, the Bachelor of Science in Mechanical Engineering, and the Bachelor of Science in Building Construction.

Most of the college's graduates either enter the growing computing, construction, engineering, and information systems job market or continue in advanced studies at UNF and other institutions of higher learning.

Laboratory and Computing Facilities

Coursework in the college is supported by discipline-specific and general laboratories. In the Computing Sciences, classes use both general campus computing facilities and advanced School of Computing (SoC) laboratories. The advanced SoC computing laboratories are configured specifically to support upper level and graduate instruction in multimedia, image processing/graphics, robotics, database, software development, and communications/networking, utilizing Windows and UNIX operating systems environments. Courses in the School of Engineering are supported by specialized laboratories, most of which are equipped with advanced computers and engineering instrumentation. Laboratories are also provided for senior design. The Construction Management program uses computing and construction materials laboratories.

All of the college's computing systems are networked via file servers and are on the campus fiber-optic network. General campus computing equipment provided by the UNF Information Technology Services includes DEC/Alpha central systems supporting the general student laboratory and campus computing needs. Students are provided with e-mail and Internet access, which is fully accessible from laboratories or via dial-up connection from off campus. The specialized advanced computing and engineering laboratories housed within the college extend general campus computing services by adding advanced facilities supporting the range of research and instruction that characterizes the college's degree programs.

Accreditation

The undergraduate computer science curriculum conforms to recommendations of the Association for Computing Machinery (ACM) and the Computer Society of the Institute of Electrical and Electronic Engineers (IEEE-CS). The computer science program is accredited by the Computing Accreditation Commission (CAC) of ABET. The curricula for the information science and the information systems programs conform to recommendations of the Association of Information Technology Professionals. The information systems program is accredited by the CAC of ABET. The undergraduate electrical engineering, civil engineering, and mechanical engineering programs are accredited by the Engineering Accreditation Commission (EAC) of the Accreditation Board for Engineering and Technology (ABET). The undergraduate construction program is accredited by the American Council for Construction Education (ACCE).

Advisement

Each student must have an official degree evaluation (program of study) on file with his or her academic advisor in the college. Students should meet with an academic advisor concerning their program requirements as early as possible, preferably before registration for their first semester at UNF.

Degree evaluations are prepared after the Office of Admissions has evaluated a student's transcripts. Contact information for CCEC Advisors can be found at www.unf.edu/ccec/advising/index.html.

Pre-Engineering Program

The college offers a pre-engineering program for undergraduate students interested in a career in engineering. This pre-professional program is designed to enable successful students to enroll in an engineering program of their choice, either at UNF, within the State University System in Florida, or in other institutions. Components of the UNF pre-engineering program satisfy Florida general education requirements and the common statewide course prerequisites for the student's intended engineering discipline. Interested students should contact the School of Engineering, (904) 620-1390, for more information and advising.

Dual Degree Program (Bethune-Cookman)

The college and Bethune-Cookman College (BCC) offer a dual degree 3/2 program. A student completing a three-year program at BCC may then enroll in building construction management or any of the engineering programs offered by the college. Upon successful completion of the 3/2 program, the BCC student receives two bachelor of science degrees, one each from BCC and UNF.

Dual Degrees at UNF

Students desiring to obtain two baccalaureate degrees, one from CCEC and one from another UNF college, must meet the requirements for both degrees, earn a minimum of 150 credit hours, and have the approval of both colleges. The application for graduation must indicate both degrees.

Double Majors

Double majors within the same degree are not permitted in this college.

Multiple Minors

Undergraduate students pursuing a degree in this college are permitted to pursue more than one minor in their program of study. Official declaration of the minor(s) is necessary to ensure the minor(s) will be recorded on the degree evaluation, and university transcripts. Students must meet with their academic advisor to discuss the minor(s) selected. Students majoring in computer science, information technology, electrical engineering,

civil engineering, mechanical engineering or building construction management are not required to select a minor.

CCEC Certificate in Leadership Development

The college introduces a new certificate program designed for both degree-seeking students and working professionals interested in enhancing their leadership abilities. This program provides students the opportunity to explore leadership styles, study effective industry leaders, and develop marketable skills. Participants will tailor this program to meet their needs through a variety of course options in areas of leadership foundation, communication and interpersonal skills, historical and political perspectives, ethical and legal considerations, and business skills.

Minimum requirements for taking courses in the program include general admission to the University as a junior or higher (60+ credit hours) in good standing. Interested students should contact an academic advisor in the college.

Major: Leadership Development Certificate
Degree: Post-Baccalaureate Certificate
Certificate Requirements (13 credits)
(5 courses - 13 credits)

Leadership Development:

Conditions for the Certificate:

1. All coursework must be completed at UNF.
2. All coursework must be completed with a grade of "C" or better.

LDV: Leadership Foundation

Leadership Foundation: (1 course; 1 credit)

Select 1 seminar from the following courses:

BCN 4931	1-3	Seminar: Construction Mgmt
CIS 3255	1	End Technology Leadership
EGN 3038	1	Leadership for Engineers

LDV: Comm/Interpersonal Skills

Comm & Interpersonal Skills: (1 course; 3 credits)

Select 1 from the following:

MMC 2701	3	CD-Communication Across Cultures
SPC 4064	3	Public Speaking Professionals
SYP 4050	3	Sociology of Human Interaction
INP 4004	3	Indust Org Psychology

LDV: History & Political Perspective

Historical & Political Perspectives: (1 course; 3 credits)

Select 1 course from the following:

AMH 3590	3	American Biography
POS 3413	3	The American Presidency
ANT 4274	3	Political Anthropology

LDV: Ethical & Legal Consider.

Ethical & Legal Considerations: (1 course; 3 credits)

Select 1 course from the following:

BUL 3130	3	Legal Environment Of Business
CIS 4253	3	Legal & Ethical Issues in Comp
PHI 3601	3	Ethics
PHI 3641	3	Business Ethics

LDV: Business Skills

Business Skills: (1 course; 3 credits)

Select 1 course from the following:

(**Note:** The experimental management course is “Exploring Effective Leadership”)

GEB 1011 3 Foundations of Business
MAN 3025 3 Administrative Management
MAN 4991 0-12 Exp: Management

School of Computing

Judith L. Solano, Associate Professor & Director

Sanjay P. Ahuja, Professor

Yap S. Chua, Professor

Neal S. Coulter, Professor

Roger E. Eggen, Professor

William Klostermeyer, Professor

Kenneth E. Martin, Professor

Robert F. Roggio, Professor

Charles N. Winton, Professor Emeritus

Sherif A. Elfayoumy, Associate Professor

Arturo J. Sanchez, Associate Professor

Behrooz Seyed-Abbassi, Associate Professor

F. Layne Wallace, Associate Professor

J. David Lambert, Assistant Professor

Zornitza G. Prodanoff, Assistant Professor

Katharine C. Brown, Senior Instructor & Advisor

Lisa A. Jamba, Instructor & Advisor

Justin Gaudry, Senior Instructor

John E. Mathews Jr. Building,
School of Computing, Building 15/Room 3210,
(904) 620-2985 or on the Web at
www.unf.edu/ccec/cis.

The School of Computing has primary responsibility for all computer-related instruction at UNF. For undergraduate students, the school offers the Bachelor of Science degree in Computer and Information Sciences with four separate programs:

Computer Science Program, specializing in systems and scientific software

Information Systems Program, emphasizing business application software with a business minor

Information Science Program, emphasizing business application software with a minor other than business chosen from the UNF catalog

Information Technology Program, emphasizing planning, configuration and maintenance of computing infrastructure.

With all our programs, we expect our graduates to improve their communication skills, effectively collaborate, and conduct themselves professionally.

Computer Science Program

The Computer Science program at the University of North Florida is accredited by the Computing Accreditation Commission (CAC) of (ABET). Initial accreditation was extended in 1986.

This program is modeled according to the recommendations of the ACM (Association for Computing Machinery) and the IEEE-CS (Computer Society of the Institute for Electrical and Electronics Engineers). It emphasizes course work in computational structures, systems software, data structures, artificial intelligence, algorithms, data modeling, modeling and simulation, computer graphics, compilers, operating systems, interfacing, computer architecture, robotics, and other applications and theory.

Graduates will be prepared for careers in systems development and programming involving compiler, operating system and database design, modeling and simulation, artificial intelligence and robotics, computer graphics, computer architecture and interfacing, computer communications and scientific applications.

Information Systems Program

This program follows the curriculum recommendations of the Association of Information Technology Professionals (AITP). The Information Systems Program is accredited by the Computing Accreditation Commission (CAC) of ABET. Initial accreditation was extended in 2003. It has an interdisciplinary flavor in that a business administration sequence is an integral part of the program. Computer courses include systems analysis, systems implementation, computer communications, database processing, and other courses focused on implementation of computer solutions to business problems. Graduates will be prepared for careers as applications programmers, systems analysts, or information systems managers.

Information Science Program

This program is identical in computer course work to the Information Systems program; however, the student may select a minor from an area other than business administration. Depending upon the choice of a minor, graduates will be prepared for careers as systems programmers, applications programmers, systems analysts or other specialized computer-related professionals.

Information Technology Program

In an effort to meet the demands of an ever-changing technology market, the school offers a program in Information Technology with concentrations in Computer Networking, Mobile Computing, and Computer Security Administration. This program combines professional requirements with general education requirements and electives to prepare all students for a career in

the information technology field, for further study in information technology, for functioning in modern society, and for graduate work in Information Technology.

Students completing this program will be specialists ready to face high expectations of organizations with respect to planning, implementation, configuration, and maintenance of a computing infrastructure. They will be able to apply computing principles and concepts by participating in practical activities throughout the program. By selecting one of three available concentrations, students attain expertise in an area of growing demand.

Advisory Council for Computer and Information Sciences (ACCIS)

This council is composed of approximately 25 persons from the business community who meet on a quarterly basis to advise the dean on current industry trends in the computing and information sciences.

Certified Technical Computer Training

For your information, UNF Continuing Education offers certified technical computer training programs. Courses in these programs cannot be taken for credit toward a computing degree program. Call UNF Continuing Education at (904) 620-4242 for more information.

Student Organizations

Faculty from the School sponsor student chapters of ACM, AITP, IEEE-CS and the Upsilon Pi Epsilon (UPE) Honor Society in the Computing Sciences. These organizations provide students with important professional contact groups in Jacksonville and throughout the national computing community.

Transformational Learning Experiences

Opportunities are available for a variety of enriching experiences while pursuing a computing degree at UNF, including but not limited to, directed independent research, cooperative experiences, and internships. Directed independent studies and cooperative experiences may also be used for academic credit with prior approval of the School.

No more than six credit hours of directed independent study may be applied to the student's program of study, with a maximum of three credit hours with the same Computing faculty member.

Honors in the Major Program

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 lower level Honors Program is open to freshmen and sophomores.

The upper level "Honors in the Major" program is open to juniors and seniors in the School of Computing. A student does not have to be in the lower level Honors Program to enroll in the upper level "Honors in the Major" program.

The "Honors in the Major" program in the School of Computing includes experience with a faculty mentor, research experience, honors colloquium, and special recognition on the student's transcript and diploma.

Admission is competitive and limited to students with a cumulative GPA of 3.5 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.

Academic Policies of the School of Computing

The College of Computing, Engineering and Construction adhere to all academic policies and regulations of the University. In addition, the policies listed below apply to all undergraduate students in the School of Computing.

Individuals needing clarification of any of these policies, or an interpretation of how a policy might apply in a given situation, should contact the school office located in the Mathews Building, Building 15/Room 3201.

Admission: In addition to program prerequisites, students seeking admission to the School of Computing must meet the general requirements of the University relative to credit hours in lower-division courses, grade point average, and general education distribution (see the general "Academic Policies and Regulations" section of this catalog). Students should complete the Declaration of Major form during the term in which they complete 60 credit hours with at least a 2.0 GPA, including 36 hours of general education requirements; satisfaction of Gordon Rule writing and math requirements; and passing scores on CLAST. Students lacking any program prerequisites may be admitted provisionally until all prerequisites have been completed.

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 in order 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 degree evaluation (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 degree evaluation must be scheduled within the first semester of attaining junior status. Advising appointments are scheduled through the School office, (904) 620-2985.

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 courses at UNF.

Concurrent enrollment at another college or university is not allowed during a student's graduating semester.

Satisfactory Progress Policy: The school enforces a "one repeat" rule for all prerequisite and core requirements taught by this School. Students who do not successfully complete a computing prerequisite or core requirement on the first attempt (i.e. earn a grade of D, F, W, WP or WF) have one chance to repeat the course. Students who do not successfully complete a computing prerequisite or core requirement within two attempts will not be permitted to register for computing courses in future semesters. This policy applies to majors and minors in the School of Computing.

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 Request for Reinstatement 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 Request for Reinstatement can be obtained from the School office. The SRC meets once a term to review requests. Recommendations of the SRC are submitted to the school director and college dean for final decision.

Computer Science Program

The Computer Science program requires a strong background in mathematics and science, including calculus and calculus-based physics. It is recommended for those interested in the more technically and scientifically oriented areas of computing.

Major: Computer & Info Sciences Concentration: Computer Science Degree: Bachelor of Science

BS in Comp & Info Sciences: (120 credits, including a minimum 54 upper level hrs)
All course work must be completed with a grade of "C" or better, unless otherwise noted. Once enrolled at UNF, any remaining prerequisites for the major/minor must be completed at UNF.

***** CIS Satisfactory Progress Policy *****

Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have one chance to repeat the course. Unsuccessful completion after two attempts will block registration for future computing courses.

Exit Requirements:

1. Proficiency in a high-level programming language.
2. *Spoken Presentation:* To apply oral communications skills in the program, you will deliver up to two presentations in computing courses. If the first presentation is satisfactory, a second presentation will be waived.

Prerequisites

Computer Science Prerequisites: (9 courses - 27 credits)
Calculus 8 credits

MAC 2311 Calculus I

MAC 2312 Calculus II

COP 2220 Computer Science I

"C" is preferred and will be used in subsequent courses. However, introductory programming in C++ or Java may be substituted.

Calculus-based Physics I & Lab

PHY 2048 University Physics I
 PHY 2048L University Physics I Lab
 Calculus-based Physics II & Lab
 PHY 2049 University Physics II
 PHY 2049L University Physics II Lab
 6 credits of additional Science
 Select 2 Science Courses for Science majors.***
 Appropriate prefixes include:
 APB, AST, BCH, BOT, BSC, CHM, CHS, ESC, GLY,
 ISC, MCB, PCB, PHY, PHZ, PSC, ZOO.

The following UNF courses, and courses with equivalent content, are acceptable for fulfilling the “science for science majors” requirement:

AST 2002 Astronomy, BSC 1010C General Biology I, BSC 1011C General Biology II, CHM 2045C General Chemistry I, CHM 2046C General Chemistry II, and GLY 2001C Earth Science.

The following UNF courses **cannot** be used: PCB 2050, BCH 3023C, CHM 1025C, PHY 1020C, and PSC 3730.

Consult with a CIS advisor before taking any other science.

Core Requirements (27 credits)

Comp. Sci. Foundation & Core: (8 courses - 27 credits)
 [CIS 4253 Ethics is required beginning fall 2006]
 COT 3100 3 Computational Structures
 COP 3503 3 Computer Science II
 COP 3530 4 Data Structures
 COP 3601 4 Intro to Systems Software
 CDA 3101 4 Introduction Computer Hardware
 COT 3210 3 Computability and Automata
 CIS 4253 3 Legal & Ethical Issues in Comp
 Select any public speaking *SPC

Major Requirements (16 credits)

Comp. Sci. Major Requirements: (5 courses - 16 credits)
 COP 4710 3 Data Modeling
 COP 4610 3 Operating Systems
 COP 4620 4 Constr of Language Translators
 CIS 4251 3 Software Development
 Select 1 of the following courses:
 CNT 4504 Computer Networks/Distributed Processing
 COP 4813 Internet Programming

Major Electives (9 credits)

Comp. Sci. Major Electives: (3 courses - 9 credits)
 Select 3 Courses for a minimum of 9 credits: ***
 CAP 4630 Intro to Artificial Intelligence
 CAP 4660C AI Robotics
 CAP 4710 Computer Graphics
 CAP 4770 Data Mining
 CEN 4510 Computer Communications
 CEN 4516 Networks/Distributed Processing
 CNT 4504 Computer Networks/Distributed Processing
 CEN 4610 Knowledge Engineering
 CEN 4943 Software Development Practicum

COP 4300 Discrete Systems Modeling/Simulation
 COP 4813 Internet Programming
 COT 4400 Analysis of Algorithms
 COT 4560 Applied Graph Theory
 CDA 4102 Intro to Computer Architecture and
 CDA 4102L Intro to Computer Architecture Lab

* Note CDA4102 must be taken with lab.
 * Other qualifying elective courses may be offered as Special Topics. See School of Computing for list of approved courses.
 * Directed Independent Study courses may not be used to satisfy major or minor electives without prior permission from SoC Director.

Contextual Courses

Comp. Sci. Contextual courses: (2 courses - 8 credits)
 An overall average of “C” or better is required in the contextual coursework.

MAS 3105 4 G(M) Linear Algebra
 STA 4321 4 G(M) Probability and Statistics

Electives

Select additional courses as necessary to attain 54 upper level (3000-4000) credits. The Computer Science major requirements provide 57 upper credits.

Upper-Lvl Free Electives (3000-4000)**

Electives

Select additional courses as necessary to attain a total of 120 credits. This area may include credits at any level (1000-4000).

Any-Hours Free Electives (1000-4000)**

Information Systems Program

The Information Systems Program combines computer course work with a complementary selection of business courses. The Information Systems Program is strongly recommended for those interested in business-oriented computer applications. The business minor is a required and integral component of the Information Systems Program.

Major: Computer & Info Sciences

Concentration: Information Sys/Business Minor

Degree: Bachelor of Science

BS in Comp & Info Sciences: (120 credits, including a minimum 54 upper level credits)

All course work must be completed with a grade of “C” or better, unless otherwise noted.

Once enrolled at UNF, any remaining prerequisites for the major/minor must be completed at UNF.

*** CIS Satisfactory Progress Policy ***

Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have one chance to repeat the course. Unsuccessful completion after two attempts will block registration for future computing courses.

Exit Requirements:

1. Proficiency in a high-level programming language.
2. *Spoken Presentation:* To apply oral communications skills in the program, you will deliver up to two presentations in computing courses. If the first presentation is satisfactory, a second presentation will be waived.

Prerequisites

Information Sys Prerequisites: (9 courses - 27 credits)

All course work must be completed with a grade of "C" or better.

ACG 2021	3	Prin of Financial Accounting
ACG 2071	3	Prin Managerial Accounting
ECO 2013	3	Principles of Macroeconomics
ECO 2023	3	Principles of Microeconomics
STA 2023	3	G(M) Elem Statistics-Business
STA 2023 is preferred. STA 2122 may be used.		
MAC 2233	3	G(M) Calculus For Business
CGS 1570	3	Microcomputer Applica Software
CGS 1570 is preferred. CGS 1100 or CGS 1060 may be used.		
COP 2551	3	Introduction To OO Programming
An object oriented language is preferred and will be used in subsequent courses.		
COP 2010	3	Intro to Visual Proc Prog
Visual BASIC is preferred and will be used in subsequent courses.		

Foundation (10 credits)

Information Sys Foundation: (3 courses - 10 credits)

Select any public speaking *SPC		
COT 3100	3	Computational Structures
COP 3855	4	Web Access and System Design

Core Requirements (17 credits)

Information Sys Core Req: (5 courses - 17 credits)

COP 3540	4	Data Structures Using OOP
COP 4640	3	OS Env Admin
CIS 4253	3	Legal & Ethical Issues in Comp
MAN 3025	3	Administrative Management
FIN 3403	3	Financial Management

Major Requirements (12 credits)

Info Sci/Sys Major Requirements: (4 courses - 12 credits)

COP 4720	3	Database Systems
CIS 4327	3	Information Syst Sr Project I
CIS 4328	3	Information Syst Sr Project II
CNT 4504	3	Computer Networks/Dist Process

Major Electives (12 credits)

Info Sci/Sys Major Electives: (4 courses - 12 credits)

Select 4 courses for a minimum of 12 credits.*

CAP 4020	Multimedia Systems	
CAP 4730	Graphic Systems/Applications	
CAP 4770	Data Mining	
CDA 3101	Intro Computer Hardware	
CDA 4011	(4010) Office Auto/Human Factors	

CNT 4504	Comp Networks/Distributed Processing	
CEN 4516	Networks/Distributed Processing	
CIS 4100	System Performance/Evaluation	
CIS 4510	Expert Systems/Decision Support	
COP 3531	Enterprise Computing	
COP 4640	Operating Systems Environments	
COP 4722	Database Systems II	
COP 4813	Internet Programming	
COT 4560	Applied Graph Theory	

* Other qualifying elective courses may be offered as Special Topics. See School of Computing for list of approved courses.

* Directed Independent Study courses may not be used to satisfy major or minor electives without prior permission from SoC Director.

Minor Electives (6 credits)

Information Sys Minor Electives: (2 courses - 6 credits)

Select 2 courses - 6 credits from:

BUL 3130	Legal Envir of Business	
MAN 3504	Prod-Oper-Logistics Mangmnt	
MAR 3023	Princ of Marketing	

Note: A total of 12 upper level credits of business courses must be taken at UNF.

Electives

Select additional courses as necessary to attain 54 upper level (3000-4000) credits. The Info Science major requirements provide 42 upper credits, plus those provided by the minor. The Info Systems major provides 54 upper credits.

Upper-Level Free Electives (3000-4000)

Electives (3 credits)

Select additional courses as necessary to attain 120 credits.

Any-Level Free Electives (1000-4000)

Information Science Program

In addition to the computing course work, the Information Science Program requires studies in a minor area other than business administration. A minor consists of a planned selection of courses supportive of the major. Minors are described in the UNF catalog under the appropriate college. Courses applied toward the major may not be counted in the minor. Students majoring in information science may minor in computer science (see the computer science minor for IS majors.)

This major incorporates the same computing courses as the Information Systems Program and is only recommended for a student who has a strong interest in a secondary field other than business administration. It can also be used for a post baccalaureate student seeking a second bachelor's degree; as a minor is not required for a second bachelor's degree.

Major: Computer & Info Sciences
Concentration: Information Science
Degree: Bachelor of Science

BS in Comp & Info Sciences: (120 credits, including a minimum 54 upper level credits)

All course work must be completed with a grade of "C" or better, unless otherwise noted.

Once enrolled at UNF, any remaining prerequisites for the major/minor must be completed at UNF.

***** CIS Satisfactory Progress Policy *****

Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have one chance to repeat the course. Unsuccessful completion after two attempts will block registration for future computing courses.

Exit Requirements:

1. Proficiency in a high-level programming language.
2. *Spoken Presentation:* To apply oral communications skills in the program, you will deliver up to two presentations in computing courses. If the first presentation is satisfactory, a second presentation will be waived.

Prerequisites

Info Science Prerequisites: (4 courses - 12 credits)

All course work must be completed with a grade of "C" or better.

- | | | |
|----------|---|--------------------------------|
| MAC 2233 | 3 | G(M) Calculus For Business |
| CGS 1570 | 3 | Microcomputer Applica Software |
| COP 2010 | 3 | Intro to Visual Proc Prog |
- COP 2010 or a procedural programming language is required.
COP 2120 may be used, however, visual BASIC is preferred and will be used in subsequent courses.
- | | | |
|----------|---|--------------------------------|
| COP 2551 | 3 | Introduction To OO Programming |
|----------|---|--------------------------------|
- COP 2551 or introductory programming in C, C++, Java, or equivalent language. However, an object oriented language is preferred and will be used in subsequent courses.

Foundation

Information Science Foundation: (4 courses - 13 credits)

- Select any public speaking *SPC
- | | | |
|----------|---|-------------------------------|
| STA 2023 | 3 | G(M) Elem Statistics-Business |
| COT 3100 | 3 | Computational Structures |
| COP 3855 | 4 | Web Access and System Design |

Core Requirements (11 credits)

Info Sci Core Requirements: (3 courses - 11 credits)

- | | | |
|----------|---|--------------------------------|
| COP 3540 | 4 | Data Structures Using OOP |
| COP 4640 | 3 | OS Env Admin |
| CIS 4253 | 3 | Legal & Ethical Issues in Comp |

Major Requirements (12 credits)

Info Sci/Sys Major Requirements: (4 courses - 12 credits)

- | | | |
|----------|---|------------------|
| COP 4720 | 3 | Database Systems |
|----------|---|------------------|

- | | | |
|----------|---|--------------------------------|
| CIS 4327 | 3 | Information Syst Sr Project I |
| CIS 4328 | 3 | Information Syst Sr Project II |
| CNT 4504 | 3 | Computer Networks/Dist Process |

Major Electives (12 credits)

Info Sci/Sys Major Electives: (4 courses - 12 credits)

Select 4 courses for a minimum of 12 credits:*

- | | |
|----------|--------------------------------------|
| CAP 4020 | Multimedia Systems |
| CAP 4730 | Graphic Systems/Applications |
| CAP 4770 | Data Mining |
| CDA 3101 | Intro Computer Hardware |
| CDA 4011 | (4010) Office Auto/Human Factors |
| CNT 4504 | Comp Networks/Distributed Processing |
| CEN 4516 | Networks/Distributed Processing |
| CIS 4100 | System Performance/Evaluation |
| CIS 4510 | Expert Systems/Decision Support |
| COP 3531 | Enterprise Computing |
| COP 4640 | Operating Systems Environments |
| COP 4722 | Database Systems II |
| COP 4813 | Internet Programming |
| COT 4560 | Applied Graph Theory |

* Other qualifying elective courses may be offered as Special Topics. See School of Computing for list of approved courses.

* Directed Independent Study courses may not be used to satisfy major or minor electives without prior permission from SoC Director.

A minor is required for this major.

Electives

Select additional courses as necessary to attain 54 upper level (3000-4000) credits. The Info Science major requirements provide 42 upper credits, plus those provided by the minor. The Info Systems major provides 54 upper credits.

- Upper-Level Free Electives (3000-4000)

Electives (3 credits)

Select additional courses as necessary to attain 120 credits.

- Any-Level Free Electives (1000-4000)

Information Technology Program

In an effort to meet the demands of an ever-changing technology market, the school offers a program in Information Technology with concentrations in Computer Networking, Mobile Computing, and Computer Security Administration. This program combines professional requirements with general education requirements and electives to prepare all students for a career in the information technology field, for further study in information technology, for functioning in modern society, and for graduate work in Information Technology. By selecting one of three available concentrations, students attain expertise in an area of growing demand.

Major: Computer & Information Sciences

Concentration: Information Technology

Degree: Bachelor of Science

BS in Comp & Info Sciences: (120 credits, including a minimum 54 upper level hrs)

All course work must be completed with a grade of "C" or better, unless otherwise noted.

Once enrolled at UNF, any remaining prerequisites for the major/minor must be completed at UNF.

*** CIS Satisfactory Progress Policy ***

Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have one chance to repeat the course. Unsuccessful completion after two attempts will block registration for future computing courses.

Exit Requirements:

1. Proficiency in a high-level programming language.
2. *Spoken Presentation:* To apply oral communications skills in the program, you will deliver up to two presentations in computing courses. If the first presentation is satisfactory, a second presentation will be waived.

Prerequisites

Info Tech Prerequisites: (5 courses -15 credits)
All course work must be completed with a grade of "C" or better.

MAC 2233	3	G(M) Calculus For Business
CGS 1570	3	Microcomputer Applica Software
STA 2023	3	G(M) Elem Statistics-Business

Select any public speaking *SPC

COP 2551	3	Introduction To OO Programming COP 2551 (JAVA) or an equivalent object-oriented programming course is required. A second language is recommended.
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Core Requirements (23 credits)

Info Tech Core Requirements: (7 courses - 23 credits)

COT 3100	3	Computational Structures
COP 3540	4	Data Structures Using OOP
CGS 4307	3	Info Proc: Organizational Pers
CGS 4308	3	Info Proc: Req Identi Spec
CDA 3101	4	Introduction Computer Hardware
CNT 4504	3	Computer Networks/Dist Process
CIS 4253	3	Legal & Ethical Issues in Comp

Major Requirements

Information Technology Major Requirements:

Select 1 concentration (4 courses - 12-14 credits)

C1. Computer Networking

*Concentration in Computer Networking:

COP 4813	Internet Programming
CNT 4704	Network Design/Planning
CNT 4406	Network Security/Management
CIS 4103	Web Performance

C2. Mobile Computing

*Concentration in Mobile Computing:

CNT 4514C	Wireless/Mobile Computing
CEN 4535C	Mobile Software App Development
CIS 4593	Mobile Computing Capstone I
CIS 4594	Mobile Computing Capstone II

C3. Computer Security Administration

*Concentration in Computer Security Administration:

CIS 4360	General Comp Security Admin
CIS 4365	Security & Disaster Preparedness
CIS 4615	Secure Software Development

Select 1 of the following:

CIS 4362	Computer Cryptography
CIS 4364	IS Intrusion Detection
CIS 4366	Computer Forensics

Technical Electives (10 credits)

Info Tech Tech Electives: (min of 10 hours - 3 courses)

Select 3 upper level technology courses

Select a minimum of 3 upper level courses from the following subject areas:

CAP, CDA, CEN, CIS, COP, COT

* *** Other qualifying elective courses may be offered as special topics. See School of Computing for list of approved courses.

Electives (9 credits)

Select additional courses as necessary to attain 54 upper level (3000-4000) credits. The Info Technology Major Requirements provide at least 45 upper credits. Free electives (or a minor) provide the remaining credits.
Upper-Level Free Electives (3000-4000)

Electives (21 credits)

Select additional courses as necessary to attain 120 credits.
Any-Level Free Electives (1000-4000)

Minor Requirements

A student who has completed courses as part of a major program may not use these same courses to satisfy the requirements of a minor. All prerequisites and requirements for the student's minor must be completed with grades of "C" or better.

Minor: Computer Science (University-wide) (29 credits)

All coursework in the minor must be completed with a grade of "C" or better.

Conditions for the minor:

1. At least 14 hours of upper-level coursework in the minor must be taken at UNF.
2. A "one repeat" rule is enforced. Students not completing a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have only one chance to repeat the course.

Computer Science Prerequisites

Computer Science Minor (University-wide)

Prerequisites (7 credits)

MAC 2311	4	G(M) Calculus I
COP 2220	3	Computer Science I

Computer Science Minor Requirements

Computer Science Minor (University-wide)
Requirements (22 credits)

COT 3100	3	Computational Structures
COP 3503	3	Computer Science II
COP 3530	4	Data Structures

Select 4 Courses (min of 12 hours):

CAP 4630	Intro to Artificial Intelligence
CAP 4660C	AI Robotics
CAP 4710	Computer Graphics
CAP 4770	Data Mining
CDA 3101	Intro to Computer Hardware
CDA 4102	Intro to Computer Architecture
CDA 4102L	Intro to Computer Architecture Lab
CDA 4312	Microprocessor Interfacing
CDA 4312L	Microprocessor Interfacing Lab
CEN 4516	Networks & Distributed Processing
CEN 4610	Knowledge Engineering
CIS 4251	Software Development
COP 3601	Intro to System Software
COP 4300	Discrete Systems Modeling/Simulation
COP 4610	Operating Systems
COP 4620	Construction of Language Translators
COP 4710	Data Modeling
COP 4813	Internet Programming
COT 3210	Computability/Automata
COT 4400	Analysis of Algorithms
COT 4560	Applied Graph Theory

CDA 4102 and CDA 4312 must be taken with the corresponding lab.

Other qualifying elective courses may be offered as Special Topics. See Computing for approved list.

Minor: Computer Science for Information Science Majors (20 semester hours)

All coursework in the minor must be completed with a grade of 'C' or better.

Conditions for the minor:

- ** Students must be pursuing a BS in CIS in the Information Science track (concentration) to qualify for this minor.
- 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 CIS prereq or core requirement on the first attempt, including W, WP, or WF, will have only one chance to repeat the course.

CS for Information Science Prerequisites

Computer Science (for InfoSci Majors) Prerequisites:

MAC 2311	4	G(M) Calculus I
COP 2220	3	Computer Science I
COP 3540	4	Data Structures Using OOP

Computer Science for Information Science Majors Minor Requirements

CompSci Mnr Req for InfoSci Mjr (5 courses - 16 credits)

COP 3601	4	Intro to Systems Software
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Select a minimum of 12 hours from:

CAP 4630	Intro to Artificial Intelligence
CAP 4770	Data Mining
CDA 3101	Intro to Computer Hardware
CDA 4102	Intro to Computer Architecture
CDA 4102L	Intro to Computer Architecture Lab
CDA 4312	Microprocessor Interfacing
CDA 4312L	Microprocessor Interfacing Lab
CNT 4504	Networks & Distributed Processing
CEN 4516	may be substituted for CNT 4505
COP 4610	Operating Systems
COP 4620	Construction of Language Translators
COP 4813	Internet Programming
COT 3210	Computability & Automata
COT 4400	Analysis of Algorithms
COT 4560	Applied Graph Theory

- Other qualifying elective courses may be offered as Special Topics. See Computing for approved list.

Minor: Information Science (26 credits)

All coursework in the minor must be completed with a grade of "C" or better.

Conditions for the minor:

- At least 14 credits of upper-level coursework in the minor must be taken at UNF.
- A "one repeat" rule is enforced. Students not completing a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have only one chance to repeat the course.

Information Science Prerequisites

InfoSci Minor Prerequisites: (9 credits)

CGS 1570	3	Microcomputer Applica Software
COP 2551	3	Introduction To OO Programming
COP 2010	3	Intro to Visual Proc Prog

Information Science Minor Requirements

InfoSci Minor Requirements: (17 credits)

Note: COT 3100 has a prerequisite of MAC 2311 or MAC 2233.

COT 3100	3	Computational Structures
COP 3540	4	Data Structures Using OOP
COP 3855	4	Web Access and System Design
COP 4720	3	Database Systems

Select 1 of the following:

CNT 4504	Comp Networks & Distributed Processing
COP 4813	Internet Programming

School of Engineering

Stephan J. Nix, Professor & Director, Engineering
Richard V. Conte, Academic Advisor & Instructor
(904) 620-1390

The profession of engineering requires highly educated men and women dedicated to the betterment of society through technological innovation and creative problem solving. The faculty of the School of Engineering offers

accredited programs in Civil Engineering, Electrical Engineering, and Mechanical Engineering to meet an ever-increasing demand. Our programs are noted for first-rate classroom instruction, hands-on laboratory experiences, and extensive design project opportunities. Students may also participate — often in paid positions — in research projects with faculty mentors. Numerous cooperative education opportunities are also available to students wishing to gain practical experience before graduation. Students wishing to take courses in any engineering major or minor must be accepted (by an engineering advisor sign-off) before enrolling in any engineering course. Applications for the major should be made through the University Admissions Office in Founders Hall, Building 2. Application should be made at least two months before the planned enrollment in any engineering program courses. All engineering majors are advised through the school office.

Students desiring to learn more about different engineering career opportunities, and the profession of engineering, are encouraged to take EGN 1001 Introduction of Engineering I. Students are also encouraged to participate in activities of the many student chapters of professional organizations on campus, including the following:

- American Society of Civil Engineers (ASCE)
- Institute of Electrical and Electronic Engineers (IEEE)
- American Society of Mechanical Engineers (ASME)
- American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE)
- Florida Engineering Society (FES)
- National Society of Black Engineers (NSBE)
- Society of Women Engineers (SWE)
- Florida Water Environment Association (FWEA)
- American Society of Highway Engineers (ASHE)
- Society of Hispanic Professional Engineers (SHPE)

Civil Engineering Program

Stephan J. Nix, Professor

Nick W. Hudyma, PE, Associate Professor

Adel El-Safty, PE, Assistant Professor

Thobias M. Sando, Assistant Professor

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 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. The UNF Office of Career Services provides information on companies seeking civil engineering graduates for permanent positions or current students for employment in cooperative education positions.

Accreditation: The Civil Engineering program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore MD 21202-4012, telephone (410) 347-7700.

Vision: The UNF School of Engineering offers engineering education and research programs that:

- serve a diverse body of talented, accomplished, and motivated students,
- produce graduates that are desired by employers above all others,
- significantly improve the quality of life in Northeast Florida and beyond, and
- enhance the stature of the profession.

Mission: Academic programs in the UNF School of Engineering provide our students the maximum opportunity for leadership, innovation, and success in their careers and lives. We do this by:

- providing a solid engineering education rooted in the fundamentals of the basic sciences, mathematics, and engineering sciences;
- developing critical thinking abilities through real, hands-on challenges in industry and/or research;
- giving context to the technical curriculum through a rigorous liberal arts education and a commitment to service learning;
- conducting research programs that enhance the education of our students, the professional development of our faculty and staff, the technical needs of our industrial partners, and the well being of society; and
- ensuring that all of our programs contribute significantly and measurably to the quality of life in Northeast Florida and beyond.

Values: All members of our learning community — students, faculty, staff, administrators, and our industry partners — foster individual and group success through continuous improvement, mutual respect and support, and the highest expectations. Only the most rigorous standards of ethical behavior and collegiality are acceptable. Each member of our learning community is expected to think critically and imaginatively, to be responsible for one's own actions, to take the initiative to improve the common good, to have entrepreneurial spirit, and to work effectively in teams. We believe that only through exemplary service and leadership in the profession and society does the engineer become a true professional.

Program Educational Objectives: UNF School of Engineering academic programs produce graduates who:

- are able to solve significant engineering problems,
- are skilled at conveying their ideas through written, oral, and visual communications,
- are highly effective in multidisciplinary teams,
- exhibit leadership skills in business, the profession and their communities,

- are able to thrive in a dynamic global environment, and
- know and uphold the ethical standards of the profession.

Program Outcomes: Graduates of the BSCE Program have:

- an ability to apply knowledge of mathematics, science, and engineering;
- an ability to design and conduct experiments, as well as analyze and interpret data;
- an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
- an ability to function on multi-disciplinary teams;
- an ability to identify, formulate, and solve engineering problems;
- an understanding of professional and ethical responsibility;
- an ability to communicate effectively;
- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
- a recognition of the need for, and an ability to engage in, life-long learning;
- a knowledge of contemporary issues;
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;
- proficiency in mathematics through differential equations, probability and statistics, calculus-based physics, and general chemistry;
- proficiency in a minimum of four recognized major civil engineering areas;
- the ability to conduct laboratory experiments and to critically analyze and interpret data in more than one of the recognized major civil engineering areas;
- the ability to perform civil engineering design by means of design experiences integrated throughout the professional component of the curriculum;
- an understanding of professional practice issues such as: procurement of work; bidding versus quality based selection processes; how the design professionals and construction professions interact to construct a project; the importance of professional licensure and continuing education; and/or other professional practice issues.

Admission Prerequisites: listed below, must be taken prior to entering the Civil Engineering Program. Admission is based primarily on a student's overall GPA and GPA in the prerequisite Calculus and Physics courses. Grades of "C" or better (a 2.5 GPA is required in both the Physics and Calculus sequences) are required in all prerequisite courses. Once admitted, students must maintain at least a 2.0 GPA, and may not take a civil engineering course without having earned at least a "C" in all of its prerequisite course(s).

Students are encouraged to register for EGN 3311 Statics as soon as satisfying its prerequisites.

Major Requirements: The Civil Engineering program requires 128 credit hours as shown below: (In addition to the 50 credits of Common Engineering Prerequisites and 68 credits of Program Requirements, the remaining 10 credits of lower division coursework are used to satisfy the remaining three credits of the English General Education requirements, COP 2220 Computer Science I, EGN 3311 Statics, and one credit of free elective.)

Major: Civil Engineering
Degree: Bachelor of Science

Prerequisites (50 credits)

All Engineering Prerequisites must be completed with a "C" or higher.

Communications Requirement:

- ENC 1101 College Writing; or equiv Composition course
- ENC 1102 Informed Writer; or equiv research writing course

Math Requirement:

- MAC 2311 Calculus I
- MAC 2312 Calculus II
- MAC 2313 Calculus III
- MAP 2302 Ordinary Diff. Equations

- * Students must complete Pre-Calculus at the college level with a "C" or higher to take Calculus I.
- * MAC 2281, 2282, and 2283 may be substituted for MAC 2311, 2312, and 2213.

Chemistry Requirement:

- CHM 2045C General Chemistry
- *CHS 1440 may be substituted for CHM2045C

Physics I requirement:

- PHY 2048+L Calculus Based Physics I

- * Students who did not successfully complete high school physics must complete PHY1020C Intro to Physics with a "C" or higher before completing Calculus Physics I.
- * Calculus Based Physics has an additional prerequisite of Calculus I and a Corequisite of Calculus II.

Physics II requirement:

- PHY 2049+L Calculus Based Physics II

Humanities requirement:

Select 6 credit hours of humanities courses from the following prefixes:

AMH/ARH/EUH/HIS/HUM/LIT/MUH/PHI/REL/THE

Social Sciences requirement:

Select 6 credit hours of Social Science courses from the following prefixes:

AMH/ANT/CCJ/ECO/POS/PSY/PUP/SYG

Humanities or Social Science:

Select an additional 3 credit hours of Social Science or Humanities from the following prefixes:

AMH/ ARH/ANT/CLT/ECO/EUH/HIS/HUM/LIT/MUH/ PHI/POS/ PSY/REL/SYG/THE

Foundation (20 credits)

Civil Eng Foundation: (7 courses - 20 credits)

- COP 2220 3 Computer Science I
- ECP 3007 2 Economics For Engineers
- EEL 3111 3 Circuit Analysis I
- EGN 3202 3 Computer Aided Engineering

EGN 3311	3	Statics
EML 3100	3	Thermodynamics I
STA 3032	3	G(M) Prob/Statistics For Engrs

Core Requirements

Civil Engineering Core: (5 courses - 16 credits)

CES 3100	4	Analysis of Structures
CES 3104C	3	Mechanics of Materials
CGN 3322C	3	Civil Engineering Surveying
CWR 3201	3	Fluid Mechanics
EGN 3321	3	Dynamics

Major Requirements

Civil Eng Major Requirements: (10 courses - 32 credits)

CEG 3011C	4	Geotechnical Engineering
CEG 3111	3	Foundation Engineering
CES 3605C	3	Design of Steel Structures
CES 4702C	3	Design of Reinforced Concrete
CGN 3501C	4	Civil Engineering Materials
CGN 4803	1	Senior Capstone Design I
CGN 4804	3	Senior Capstone Design II
CWR 4202C	4	Hydraulic Engineering
ENV 3001C	4	Environmental Engineering
TTE 4004	3	Transportation Engineering

Technical Electives (6 credits)

Civil Eng Technical Electives: (2 courses - 6 credits)

Select 6 credit hours from the courses listed below.

ENV 4012	Adv Environmental Engineering
CES 4101	Adv Structure Systems
TTE 4201	Adv Transport Engineering
CGN 4905	Directed Independent Study (1-3 hrs)
CGN 3930	Special Topics: Civil Eng (1-3 hrs)
CGN 4931	Special Topics: Civil Eng (1-3 hrs)
CGN 4949	Co-op Work Experience (0-1 hr.)

Electives (1 credit)

Select additional courses as necessary to attain a total of 128 hours. This area may include credits at any level (1000-4000).

Any-Credits Free Electives (1000-4000)

- * Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 credit hours.
- * A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- * An approved dual/concurrent enrollment form is required prior to registering for courses at another institution
- * Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
- * Students are strongly encouraged to take the fundamentals of engineering exam during their senior year. See the engineering advisor for more information.

Electrical Engineering Program

Chiu H. Choi, PE, Professor

Gerald Merckel, Professor

Tayeb A. Giuma, Associate Professor

Susan Vasana, Associate Professor

Alan Harris, Assistant Professor

Dean J. Krusienski, Assistant Professor

Electrical engineers harness electrical energy for the benefit of humankind. The profession is broad and encompasses products valued by society in many technical 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. The UNF Office of Career Services provides information on companies seeking electrical engineering graduates for permanent positions or current students for employment in cooperative education positions.

The School of Engineering offers a Bachelor of Science in Electrical Engineering with either computer design or system design options, and a minor in electrical engineering.

Accreditation: The Electrical Engineering program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore MD 21202-4012, telephone (410) 347-7700.

Vision: The UNF School of Engineering offers engineering education and research programs that:

- serve a diverse body of talented, accomplished, and motivated students,
- produce graduates that are desired by employers above all others,
- significantly improve the quality of life in Northeast Florida and beyond, and
- enhance the stature of the profession.

Mission: Academic programs in the UNF School of Engineering provide our students the maximum opportunity for leadership, innovation, and success in their careers and lives. We do this by:

- providing a solid engineering education rooted in the fundamentals of the basic sciences, mathematics, and engineering sciences;
- developing critical thinking abilities through real, hands-on challenges in industry and/or research;
- giving context to the technical curriculum through a rigorous liberal arts education and a commitment to service learning;
- conducting research programs that enhance the education of our students, the professional development of our faculty and staff, the technical needs of our industrial partners, and the well being of society; and

- ensuring that all of our programs contribute significantly and measurably to the quality of life in Northeast Florida and beyond.

Values: All members of our learning community — students, faculty, staff, administrators, and our industry partners — foster individual and group success through continuous improvement, mutual respect and support, and the highest expectations. Only the most rigorous standards of ethical behavior and collegiality are acceptable. Each member of our learning community is expected to think critically and imaginatively, to be responsible for one’s own actions, to take the initiative to improve the common good, to have entrepreneurial spirit, and to work effectively in teams. We believe that only through exemplary service and leadership in the profession and society does the engineer become a true professional.

Educational Objectives: UNF School of Engineering academic programs produce graduates who:

- are able to solve significant engineering problems,
- are skilled at conveying their ideas through written, oral, and visual communications,
- are highly effective in multidisciplinary teams,
- exhibit leadership skills in business, the profession and their communities,
- are able to thrive in a dynamic global environment, and
- know and uphold the ethical standards of the profession.

Outcomes: Graduates of the BSEE Program have:

- an ability to apply knowledge of mathematics, science, and engineering;
- an ability to design and conduct experiments, as well as analyze and interpret data;
- an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
- an ability to function on multi-disciplinary teams;
- an ability to identify, formulate, and solve engineering problems;
- an understanding of professional and ethical responsibilities;
- an ability to communicate effectively;
- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
- a recognition of the need for, and ability to engage in, life-long learning;
- a knowledge of contemporary issues;
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;
- a knowledge of probability and statistics and their applications in electrical engineering;
- a knowledge of mathematics through differential

and integral calculus, and basic engineering sciences necessary to analyze and design electrical and electronic circuits and systems; and

- a knowledge of advanced mathematics, typically including differential equations, linear algebra, complex variables, and discrete mathematics.

Admission Prerequisites: listed below, must be taken prior to entering the electrical engineering major or minor program. Admission is based primarily on a student’s overall GPA and GPA in the prerequisite calculus and physics courses. Grades of “C” or better (a 2.5 GPA is required in both the physics and calculus sequences) are required in all prerequisite courses. Once admitted, students must maintain at least a 2.0 GPA, and may not take an electrical engineering course without having earned a 2.5 GPA in the physics and calculus sequences and at least a “C” in all of its prerequisite course(s).

Students are encouraged to register for EEL 3111 Electric Circuits as soon as satisfying its prerequisites.

Major Requirements: The Electrical Engineering major requires 128 credit hours as shown below:

(In addition to the 50 credits of Common Engineering Prerequisites and 68 credits of Program Requirements, the remaining 10 credits of lower division coursework are used to satisfy the remaining three credits of the English General Education requirements, COP 2220 Computer Science I, EGN 3311 Statics, and one credit of free elective.)

Major: Electrical Engineering
Concentration: Engineering (Comp. Design)
Degree: BS In Electrical Engineering

All courses must be completed with a “C” or higher.

Prerequisites (50 credits)

Communications Requirement:

ENC 1101 College Writing; or equivalent composition course

ENC 1102 Informed Writer; or equivalent research writing course

Math Requirement:

MAC 2311 Calculus I

MAC 2312 Calculus II

MAC 2313 Calculus III

MAP 2302 Ordinary Diff. Equations

* Students must complete Pre-Calculus at the college level with a “C” or higher to take Calculus I.

* MAC 2281, 2282, and 2283 may be substituted for MAC 2311, 2312, and 2213.

Chemistry Requirement:

CHM 2045C General Chemistry

*CHS 1440 may be substituted for CHM 2045C.

Physics I Requirement:

PHY 2048+L Calculus Based Physics I

- * Students who did not successfully complete high school physics must complete PHY1020C Intro to Physics with a "C" or higher before completing Calculus Physics I.
- * Calculus Based Physics has an additional prerequisite of Calculus I and a Co-requisite of Calculus II.

Physics II Requirement:

PHY 2049+L Calculus Based Physics II

Humanities Requirement:

Select 6 credit hours of Humanities courses from the following prefixes:

AMH/ARH/EUH/HIS/HUM/LIT/MUH/PHI/REL/THE

Social Sciences Requirement:

Select 6 credit hours of Social Science courses from the following prefixes:

AMH/ANT/CCJ/ECO/POS/PSY/PUP/SYG

Humanities or Social Science:

Select an additional 3 credit hours of Social Science or Humanities from the following prefixes:

AMH/ARH/ANT/CLT/ECO/EUH/HIS/HUM/LIT/MUH/PHI/POS/PSY/REL/SYG/THE

Foundation

Electrical Engineering (System Design or Computer Design) Foundation: (5 courses - 15 credits)

COP 2220	3	Computer Science I
EGN 3311	3	Statics
EGN 3321	3	Dynamics
EGN 3358	3	Applied Thermal Sciences
STA 3032	3	G(M) Prob/Statistics For Engrs

Core Requirements

Electrical Engineering (Computer Design) Core: (13 courses - 36 credits)

EEL 3111	3	Circuit Analysis I
EEL 3112	3	Circuit Analysis II
EEL 3135	3	Signals and Systems
EEL 3303L	1	Electrical Circuits Laboratory
EEL 3304	3	Electronic Circuits I
EEL 3701C	4	Introduction Digital Systems
EEL 3889C	3	Intro Embedded System Design
EEE 4309C	4	Electronic Circuits II
EEL 4657C	4	Linear Control Systems
EEL 4744C	4	Microcontroller Applications
EEL 4914	1	Senior Design I
EEL 4915	3	Electrical Engineer Design II

Major Requirements

Electrical Engineering (Computer Design) Major Requirements: (5 courses - 15 credits)

COP 3503	3	Computer Science II
COP 3530	4	Data Structures
EEL 4712C	4	Digital Design
EEL 4713	3	Digital Computer Architecture
EEL 4713L	1	Digital Comp Architecture Lab

Technical Electives

Electrical Engineering (Computer Design) Tech Electives: (8 credits)
Select 8 credit hours from the following:

EEL 3211	Intro to Electric Machines
EEL 3216	Intro to Power Systems
EEL 3472	Electromagnetic Fields
EEL 4201L	Electric Energy Conversion Lab
EEL 4230	Electronic Drives and Motor Control
EEL 4242C	Power Electronic Circuits
EEE 4310	Digital Integrated Circuits
EEE 4314L	Advanced Electronics
EEL 4396	Solid State Electronic Devices
EEL 4440	Optical Fiber Communications
EEL 4514	Analog and Digital Comm Systems
EEL 4514L	Analog and Digital Comm Systems Lab
EEL 4515	Advanced Digital Communication
EEL 4515L	Adv Digital Comm Lab
EEL 4610	State-Space Control Systems
EEL 4750	Intro to Digital Signal Processing
EEL 4750L	Digital Signal Processing Lab
EEL 4905	Individual Study
EEL 4930/31	Special Topics in Electrical Engineering
EEL 4949	Co-Op Work Experience
EEL 4829	Digital Electronic Imaging

- * Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 credit hours.
- * A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- * An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- * Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
- * Students are strongly encouraged to take the fundamentals of engineering exam during their senior year. See the engineering advisor for more information.

Major: Electrical Engineering

Concentration: Engineering (System Design)

Degree: BS in Electrical Engineering

Prerequisites (50 credits)

All Engineering Prerequisites must be completed with a "C" or higher.

Communications Requirement:

ENC 1101	College Writing; or equivalent composition course
ENC 1102	Informed Writer; or equivalent research writing course

Math requirement:

MAC 2311	Calculus I
MAC 2312	Calculus II
MAC 2313	Calculus III
MAP 2302	Ordinary Diff. Equations
* Students must complete Pre-Calculus at the college level with a "C" or higher to take Calculus I.	
* MAC 2281, 2282, and 2283 may be substituted for MAC 2311, 2312, and 2213.	

Chemistry Requirement:

CHM 2045C	General Chemistry
*CHS 1440 may be substituted for CHM 2045C.	

Physics I Requirement:

PHY 2048+L	Calculus Based Physics I
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- * Students who did not successfully complete high school physics must complete PHY1020C Intro to Physics with a "C" or higher before completing Calculus Physics I.
- * Calculus Based Physics has an additional prerequisite of Calculus I and a Corequisite of Calculus II.

Physics II Requirement:

PHY 2049+L Calculus Based Physics II

Humanities Requirement:

Select 6 credit hours of Humanities courses from the following prefixes:

AMH/ARH/EUH/HIS/HUM/LIT/MUH/PHI/REL/ THE

Social Sciences Requirement:

Select 6 credit hours of Social Science courses from the following prefixes:

AMH/ANT/CCJ/ECO/POS/PSY/PUP/SYG

Humanities or Social Science:

Select an additional 3 credit hours of Social Science or Humanities from the following prefixes: *

AMH/ARH/ANT/CLT/ECO/ EUH/HIS/HUM/LIT/ MUH/PHI/POS/PSY/REL/SYG/THE

Foundation

Electrical Engineering (System Design or Computer Design) Foundation: (5 courses - 15 credits)

COP 2220	3	Computer Science I
EGN 3311	3	Statics
EGN 3321	3	Dynamics
EGN 3358	3	Applied Thermal Sciences
STA 3032	3	G(M) Prob/Statistics For Engrs

Core Requirements

Electrical Engineering (System Design) Core: (13 courses - 39 credits)

EEL 3111	3	Circuit Analysis I
EEL 3112	3	Circuit Analysis II
EEL 3135	3	Signals And Systems
EEL 3303L	1	Electrical Circuits Laboratory
EEL 3304	3	Electronic Circuits I
EEL 3472	3	Electromagnetic Fields Applic
EEL 3701C	4	Introduction Digital Systems
EEL 3889C	3	Intro Embedded System Design
EEE 4309C	4	Electronic Circuits II
EEL 4657C	4	Linear Control Systems
EEL 4744C	4	Microcontroller Applications
EEL 4914	1	Senior Design I
EEL 4915	3	Electrical Engineer Design II

Major Requirements

Electrical Engineering (System Design) Major Requirements: (3 courses - 8-11 credits)

Select 3 courses from the following System Design Specialty:

EEL 3211	Intro to Electric Machines
EEE 4314L	Advanced Electronics
EEL 4514	Analog and Digital Comm Systems
EEL 4610	State-Space Control Systems
EEL 4712C	Digital Design
EEL 4750	Intro to Digital Signal Processing

Technical Electives

Electrical Engineering (System Design) Technical Electives: (4 courses - 9 - 12 credits)
Select 9-12 hours from the following:

EEL 3216	3	Intro to Power Systems
EEL 4201L	1	Electric Energy Conversion Lab
EEL 4230	3	Electronic Drives and Motor Control
EEL 4242C	4	Power Electronic Circuits
EEE 4314L	2	Advanced Electronics
EEL 4396	3	Solid State Electronic Devices
EEL 4440	3	Optical Fiber Communications
EEE 4514L	1	Analog & Digital Comm Systems Lab
EEL 4515	3	Advanced Digital Communication
EEL 4515L	1	Adv Digital Comm Lab
EEL 4712C	4	Digital Design
EEL 4713	3	Digital Computer Architecture
EEL 4713L	1	Digital Computer Architecture Lab
EEL 4750	3	Intro to Digital Signal Processing
EEL 4750L	1	Digital Signal Processing Lab
EEL 4930	3	Special Topics in Elec Engineering
EEL 4829	3	Digital Electronic Imaging
EEL 4949	0-1	Co-op Experience
MAS 3105	4	Linear Algebra

- * Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 credit hours.
- * A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- * An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- * Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
- * Students are strongly encouraged to take the fundamentals of engineering exam during their senior year. See the engineering advisor for more information.

Minor Requirements

Minor: Electrical Engineering (49 credits)

All coursework in the minor must be completed with a grade of "C" or better. Students are responsible for any prerequisites for listed courses.

Electrical Eng Prerequisites: (10 courses - 32 credits)

MAC 2311	4	G(M) Calculus I
MAC 2312	4	G(M) Calculus II
MAC 2313	4	G(M) Calculus III
MAP 2302	3	G(M) Ordinary Differ Equations
PHYSICS I	PHY 2048 & PHY 2048L	
PHYSICS II	PHY 2049 & PHY 2049L	

Select 1 of the following:

COP 2220	Computer Science I
COP 2200	Intro to FORTRAN Programming

Select 1 of the following:

CDA 3101	Intro to Computer Hardware
EEL 3701C	Intro to Digital Systems

Electrical Engineering Minor Requirements

Electrical Eng Minor Reqs: (6 courses - 17 credits)

EEL 3111	3	Circuit Analysis I
EEL 3112	3	Circuit Analysis II
EEL 3303L	1	Electrical Circuits Laboratory

EEL 3304	3	Electronic Circuits I
EEL 4744C	4	Microcontroller Applications

Select 1 of the following:

EEL 3135	Signals and Systems
EEE 4309C	Electronic Circuits II

Mechanical Engineering Program

Joseph L. Campbell, PE, Professor

Daniel Cox, Professor

James Fletcher, Associate Professor

Alexandra Schönning, Associate Professor

Richard V. Conte, PE, Instructor

Mechanical engineering is concerned with energy and its transformations and the design of objects and structures that move. Mechanical engineers are responsible for conceiving, designing, manufacturing, testing, and marketing devices and systems that alter, transfer, transform and utilize the energy form that ultimately causes motion.

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. The UNF Office of Career Services provides information on companies seeking mechanical engineering graduates for permanent positions or current students for employment in cooperative education positions.

Accreditation: The Mechanical Engineering program is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, 111 Market Place, Suite 1050, Baltimore MD 21202-4012, telephone (410) 347-7700.

Vision: The UNF School of Engineering offers engineering education and research programs that:

- serve a diverse body of talented, accomplished, and motivated students,
- produce graduates that are desired by employers above all others,
- significantly improve the quality of life in Northeast Florida and beyond, and
- enhance the stature of the profession.

Mission: Academic programs in the UNF School of Engineering provide our students the maximum opportunity for leadership, innovation, and success in their careers and lives. We do this by:

- providing a solid engineering education rooted in the fundamentals of the basic sciences, mathematics, and engineering sciences;
- developing critical thinking abilities through real, hands-on challenges in industry and/or research;

- giving context to the technical curriculum through a rigorous liberal arts education and a commitment to service learning;
- conducting research programs that enhance the education of our students, the professional development of our faculty and staff, the technical needs of our industrial partners, and the well being of society; and
- ensuring that all of our programs contribute significantly and measurably to the quality of life in Northeast Florida and beyond.

Values: All members of our learning community — students, faculty, staff, administrators, and our industry partners — foster individual and group success through continuous improvement, mutual respect and support, and the highest expectations. Only the most rigorous standards of ethical behavior and collegiality are acceptable. Each member of our learning community is expected to think critically and imaginatively, to be responsible for one's own actions, to take the initiative to improve the common good, to have entrepreneurial spirit, and to work effectively in teams. We believe that only through exemplary service and leadership in the profession and society does the engineer become a true professional.

Educational Objectives: UNF School of Engineering academic programs produce graduates who:

- are able to solve significant engineering problems,
- are skilled at conveying their ideas through written, oral, and visual communications,
- are highly effective in multidisciplinary teams,
- exhibit leadership skills in business, the profession and their communities,
- are able to thrive in a dynamic global environment, and
- know and uphold the ethical standards of the profession.

Outcomes: Graduates of the BSME Program have:

- an ability to apply knowledge of mathematics, science, and engineering;
- an ability to design and conduct experiments, as well as analyze and interpret data;
- an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;
- an ability to function on multi-disciplinary teams;
- an ability to identify, formulate, and solve engineering problems;
- an understanding of professional and ethical responsibilities;
- an ability to communicate effectively;
- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;
- a recognition of the need for, and ability to engage in, life-long learning;

- a knowledge of contemporary issues;
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice;
- a knowledge of chemistry and calculus-based physics with depth in at least one; the ability to apply advanced mathematics through multivariate calculus and differential equations; familiarity with statistics and linear algebra; and
- the ability to work professionally in both thermal and mechanical systems areas including the design and realization of such systems;

Admission Prerequisites, listed below, must be taken prior to entering the mechanical engineering program. Admission is based primarily on a student's overall GPA and GPA in the prerequisite calculus and physics courses. Grades of "C" or better are required in all prerequisite courses; a 2.5 GPA is required in both the physics and calculus sequences. Once admitted, students must maintain at least a 2.0 GPA, and may not take a mechanical engineering course without having earned at least a "C" in all of its prerequisite courses.

Students are encouraged to register for EGN 3311 Statics as soon as satisfying its prerequisites.

Major Requirements: The Mechanical Engineering program requires 128 credit hours as shown: (In addition to 50 credits of Common Engineering Prerequisites and 68 credits of program requirements, the remaining 10 credits of lower division coursework are used to satisfy the remaining three credits of the English General Education requirements, COP 2220 Computer Science I, EGN 3311 Statics, and one credit of free elective.)

Major: Mechanical Engineering Degree: Bachelor of Science

Prerequisites (50 credits)
All Engineering Prerequisites must be completed with a "C" or higher.

Communications Requirement:

- ENC 1101 College Writing; or equiv composition course
- ENC 1102 Informed Writer; or equiv research writing course

Math Requirement:

- MAC 2311 Calculus I
- MAC 2312 Calculus II
- MAC 2313 Calculus III
- MAP 2302 Ordinary Diff. Equations
- * *Students must complete Pre-Calculus at the college level with a "C" or higher to take Calculus I.*
- * *MAC 2281, 2282, and 2283 may be substituted for MAC2311, 2312, and 2213.*

Chemistry Requirement:

- CHM 2045C General Chemistry
- *CHS 1440 may be substituted for CHM 2045C.

Physics I Requirement:

- PHY 2048+L Calculus Based Physics I
- * *Students who did not successfully complete high school physics must complete PHY1020C Intro to Physics with a "C" or higher before completing Calculus Physics I.*
- * *Calculus Based Physics has an additional prerequisite of Calculus I and a Corequisite of Calculus II.*

Physics II Requirement:

- PHY 2049+L Calculus Based Physics II

Humanities Requirement:

- Select 6 credit hours of Humanities courses from the following prefixes:
AMH/ARH/EUH/ HIS/ HUM/ LIT/ MUH/ PHI/ REL/ THE

Social Sciences Requirement:

- Select 6 credit hours of Social Science courses from the following prefixes:
AMH/ ANT/ CCJ/ ECO/ POS/ PSY/ PUP/ SYG

Humanities or Social Science:

- Select an additional 3 credit hours of Social Science or Humanities from the following prefixes:
AMH/ ARH/ ANT/ CLT/ ECO/ EUH/ HIS/ HUM/ LIT/ MUH/ PHI/ POS/ PSY/ REL/ SYG/ THE

Foundation (14 credits)

Mechanical Eng Foundation:	(5 courses - 14 credits)
COP 2220	3 Computer Science I
EGN 3613	2 Economics For Engineers
EEL 3111	3 Circuit Analysis I
EGN 3311	3 Statics
STA 3032	3 G(M) Prob/Statistics For Engrs

Core Requirements (16 credits)

Mechanical Engineering Core:	(6 courses - 16 credits)
EGN 3203	3 Modern Computational Methods
EGN 3321	3 Dynamics
EGN 3331	3 Strength of Materials
EML 3100	3 Thermodynamics I
EML 4551	1 Senior Capstone Design I
EML 4552	3 Senior Capstone Design II

Major Requirements (35 credits)

Mechanical Eng Major Req:	(13 courses - 35 credits)
EML 3015	3 Fluids I
EML 3101	3 Thermodynamics II
EML 3520C	4 Material Science I
EML 3535C	3 Modern Engineering CAD
EML 4004L	1 Energy Systems Lab
EML 4126	3 Transport Phenomena
EML 4140	3 Heat Transfer
EML 4301L	1 Mechanical Systems Laboratory
EML 4304L	1 Fluid Mechanics Lab
EML 4312	3 Model/Analysis Dynamic Systems
EML 4313	3 Control of Machinery
EML 4320C	4 Integrated Design/Manufacture
EML 4501	3 Machine Design

Technical Electives (9 credits)

Mechanical Eng Technical Elect: (3 courses - 9 credits)

Select 9 credit hours from the following:

EML 3553	Project Engineering I
EML 4016	Fluids II
EML 4414	Heat Power Engineering
EML 4048	Simulation of Production Systems
EML 4304	Advanced Solid Modeling
EML 4320	Integrated Design & Manufacturing
EML 4500	Finite Element Modeling & Analysis
EML 4544	Materials & Handling I
EML 4554	Project Engineering II
EML 4601	HVAC Systems
EML 4622	Clean & Renewable Energy Technology
EML 4804	Mechatronics
EML 4806	Robotics Engineering
EML 4905	Directed Independent Study (1-3 hrs)
EML 4930	Special Topics: Mech Eng (1-3 hrs)
EML 4949	Co-Op Work Experience (0-1 hr)

Electives (1 credit)

Select additional courses as necessary to attain a total of 128 credit hours. This area may include hours at any level (1000-4000).

Any-Hours Free Electives (1000-4000)

- * Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 credit hours.
- * A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- * An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- * Students are strongly advised not to enroll in courses at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt dual enrollment in their last semester.
- * Students are strongly encouraged to take the fundamentals of engineering exam during their senior year. See the engineering advisor for more information.

Construction Management

Mag Malek, Associate Professor & Chair

N. Mike Jackson, PE, Associate Professor

Adam Darm, Founding Chair, retired, & Professor

James Sorce, Academic Advisor & Instructor

(904) 620-2683

The mission of the **Department of Construction Management** at UNF, through a systematic process of self-assessment and continuous improvement, is to provide students with a program of study that enables them to achieve their highest potential, and to provide support for Northeast Florida's economic development. The program goals are:

- to provide and maintain a high quality Bachelor of Science Program in Construction Management, which enables graduates to achieve their maximum potential in the construction management field.
- to provide and maintain a strong, active relationship with the construction industry in Northeast Florida through graduates, an industry advisory council, and internships.

The educational outcomes are to graduate students who:

- have the ability to work with all types of people.
- have the ability to think and reason logically.
- have the ability to understand and solve construction problems.
- have the ability to make sound economic decisions.
- have the ability to communicate clearly and concisely, both orally and written.
- are computer literate and Internet capable.
- know and uphold ethical standards of the field.
- are prepared for successful entry into the construction industry.
- have the ability to lead in the construction industry and in the community.

The program consists of management-oriented technical curricula built upon a balanced program of studies drawn from building construction, computer concepts, management, and general education requirements.

A graduate of this program can expect to find employment in the residential or commercial construction industry. Typical employment positions include estimator, assistant project manager, assistant superintendent, field engineer, or construction company manager.

Accreditation: The Construction Management program is accredited by the American Council for Construction Education through July, 2011.

Admission: Minimum requirements for admission into the Construction Management Program include:

1. Completion of the minimum general education requirements from a State of Florida two-year community college or four-year university;
2. A minimum of 63 credit hours of college course work with an overall GPA of 2.0 or better; and
3. Completion of the prerequisites listed below with a grade of "C" or better in each course.

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 one-semester internship.

Construction Industry: The Construction Management (CM) academic program is supported by various construction companies including:

Sponsored CM Concentrations

- The Stellar Group - Commercial Construction Concentration
- Kiewit Companies - Heavy/Civil Construction Concentration
- Elkins Constructors, Inc. - Sustainability and Green Construction Concentration

Sponsored CM Courses

- Heavy Construction Systems Specialists - BCN 3782 Introduction to Construction Computing
- Sauer Incorporated - BCN 3611 Construction Estimating
- Haskell - BCN 4730 Construction Safety
- R.J. Griffin & Company - BCN 4612 Advanced Construction Estimating
- Superior Construction - BCN 4709 Construction Project Management Capstone

Sponsored CM Scholarships

- Elkins Constructors, Inc.
- The Haskell Company
- The Stellar Group

Graduation Requirements: The following are minimum requirements for the Bachelor of Science degree:

1. A minimum of 120 credit hours for the four-year program, which includes general education requirements plus the prerequisite and required courses, listed below;
2. Completion of the prerequisite and core requirements listed below with a grade of "C" or better in each course;
3. Satisfactory completion of the general education program, prerequisites; and
4. At least 30 upper-level credit hours in residence at UNF.

These changes took effect on January 1, 2008: GEB 1011 Foundations of Business is no longer a required class. BCN 3561 Mechanical Systems and BCN 4562 Electrical Systems have been combined into one 3 credit hour course. These changes reduce the required credit hours from 126 to 120 total credit hours. Students will also be introduced to the second phase of the elective concentration classes in Commercial Construction, Green Construction and Sustainability, Heavy Civil Construction and Residential Construction. The concentration selection will now consist of electives as follows: Commercial Construction I & Commercial Construction II, Green Construction and Sustainability I & Green Construction and Sustainability II, Heavy Civil Construction I & Heavy Civil Construction II, and Residential Construction I & Residential Construction II. REE 4043 has been moved to a new business elective section that can be satisfied by any of the following classes: ACG 2071 Managerial Accounting, MAM 3025 Administrative Management or REE 4043 Real Estate Analysis. Students will also be allowed to repeat BCN 4494 Construction Management Internship for credit to replace one concentration elective class.

Minor in Business for Construction Majors

(option): Students must meet Coggin College of Business requirements.

Major: Building Construction

Degree: Bachelor of Science

BS in Building Construction: (120 credits, w/ a min 60 upper level hrs)

All course work must be completed with a grade of "C" or better, unless otherwise noted.

Once enrolled at UNF, any remaining prerequisites for the major/minor must be completed at UNF.

Prerequisites

Building Const Prerequisites: (12 courses - 38 credits)

MAC 2233	3	G(M) Calculus For Business
STA 2023	3	G(M) Elem Statistics-Business
BCN 1251	3	Construction Drawing
BCN 1210C	3	Construction Materials
BCN 2405	3	Introduction To Structures
CGS 1100	3	Computer Applications For Busi
CGS x531 or 1570 are acceptable alternatives to CGS 1100 Any course covering the appropriate software may be approved for this requirement if approved by an advisor.		
ECO 2013	3	Principles of Macroeconomics
ECO 2023	3	Principles of Microeconomics
ACG 2021	3	Prin Of Financial Accounting
BUL 3130	3	Legal Environment Of Business

PHYSICS I Physics I requirement:

PHY 2053+L Algebra Physics I and Lab
* PHY 2004 + Lab may be substituted.

PHYSICS II Physics II requirement:

PHY 2054+L Algebra Physics II and Lab
* PHY 2005 + Lab may be substituted.

Foundation

Building Const - Business Req: (2 courses - 6 credits)

MAR 3023 3 Principles Of Marketing

Select 1 business elective:

REE 4043 Real Estate Analysis
ACG 2071 Princ of Managerial Accounting
MAN 3025 Administrative Management

Core Requirements

Building Construction Core: (19 courses - 55 credits)

Note: BCN 4944 — Internship students will work with internship faculty advisor to secure their internship placement. Students must have a signed internship agreement prior to the first day of class.

BCN 3012	3	History/Intro Construction
BCN 3223	3	Soils And Foundations
BCN 3224	3	Construction Techniques
BCN 3611C	3	Construction Cost Estimating

BCN 3762	3	Building Const Design And Code
BCN 3782	3	Intro Construction Computing
BCN 4284	3	Surveying: Construction Layout
BCN 4431	3	Structural Systems
BCN 4591C	3	Mech and Elec Sys
BCN 4612	3	Advanced Construction Estimating
BCN 4708	3	Construction Documents/Contrac
BCN 4709	3	Construction Proj Mgmt Cap
BCN 4720	3	Constr Project Plan/Scheduling
BCN 4730	3	Construction Safety
BCN 4753	3	Construction Admin/Economics
BCN 4931	1-3	Seminar: Construction Mgmt
BCN 4944	3	Construction Management Intern

Select 2 courses for a concentration:

BCN 4587C	Green Construction/Sustainability I
BCN 4594C	Green Construction/Sustainability II
BCN 4751C	Housing & Land Development I
BCN 4758C	Housing & Land Development II
BCN 4870C	Heavy/Civil Construction I
BCN 4872C	Heavy/Civil Construction II
BCN 4871C	Commercial Construction I
BCN 4873C	Commercial Construction II
BCN 4801C	Industrial Construction I
BCN 4802C	Industrial Construction II

Note: Internship can be taken only two times for credit — once for Internship credit and once for a concentration selection)

College of Computing, Engineering & Construction Course Descriptions

CONSTRUCTION MANAGEMENT

BCN 1013-Construction & Culture: A Built Environment 3

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.

BCN 1210C-Construction Materials 3

Prerequisite: MAC 1147. 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) Master format. Students interact with local designers and builders to examine and document the consequences of material specification and selection.

BCN 1251-Construction Drawing 3

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.

BCN 2405-Introduction to Structures 3

Prerequisites: PHY 2053, PHY 2053L and MAC 1147. 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.

BCN 3012-History & Introduction to Construction 3

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.

BCN 3223-Soils & Foundations 3

Prerequisite: BCN 1210C. 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.

BCN 3224-Construction Techniques 3

Prerequisite: BCN 3223. 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.

BCN 3611C-Construction Cost Estimating 3

Prerequisite: BCN 1251. Principles and practices in making quantity surveys and labor estimates for construction projects. (Basic Estimating and Residential)

BCN 3762-Building Construction Design & Codes 3

Prerequisite: BCN 1251. 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.

BCN 3782-Introduction to Construction Computing 3

Prerequisite: CGS 1100 or CGS 1570. 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.

BCN 4284-Surveying: Construction Layout 3

Prerequisite: PHY 2054. Advanced construction surveying on construction layout, with field and classroom exercises.

BCN 4431-Structural Systems 3

Prerequisite: BCN 2405. A 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.

BCN 4587C-Green Construction & Sustainability I 3

Prerequisites: BCN 3223 and BCN 3611C. This is the first in a two-course elective track for students specializing in green construction and sustainability. This course addresses the environmental impact of land development and construction. Topics include specific regulations affecting developers and construction managers, the environmental review of developments and methods to prevent or minimize the negative environmental impacts of construction and land development.

BCN 4591C-Mechanical & Electrical Systems 3

Prerequisite: PHY 2054. 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).

BCN 4594C-Green Construction & Sustainability II 3

Prerequisites: PHY 2054, BCN 4612 and BCN 4720. This is the second course in a two-course elective track for students specializing in green construction and sustainability. This course addresses the environmental impact of land development and construction topics include specific regulation affecting developers and construction managers, the environmental review of developments and methods to prevent or minimize the negative environmental impact of construction and land development.

BCN 4612-Advanced Construction Estimating 3

Prerequisite: BCN 3611. 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.

BCN 4708-Construction Documents/Contract 3

Prerequisites: *BUL 3130 and BCN 4709.* A study of the legal and protective documentation used in the construction field. These documents include contracts, specifications, insurance and bonds.

BCN 4709-Construction Project Management Capstone 3

Corequisite: *BCN 4931.* 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.

BCN 4720-Construction Project Planning & Scheduling 3

Prerequisites: *BCN 3611C and BCN 3782.* 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.

BCN 4730-Construction Safety 3

Prerequisite: *BCN 3762.* Construction safety issues, concerns, requirements and procedures. The analysis includes cost, planning, administration, inspection, prevention, loss control and the drug-free work place.

BCN 4751C-Housing & Land Development I 3

Prerequisites: *BCN 3223 and BCN 3611C.* This is the first course in a two-course elective track 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.

BCN 4753-Construction Administration & Economics 3

Prerequisite: *BCN 4720.* Nature of construction costs, funding sources and arrangements, capital requirements, bonding, insurance, risk and contingency evaluation, general office operations, and bidding procedure.

BCN 4758C-Housing & Land Development II 3

Prerequisites: *PHY 2054, BCN 4612 and BCN 4720.* This is the second course in a two-course elective track for students preparing for careers in housing and land development. An analysis of land development via the multifaceted full delivery construction processing regarding the build environment will be covered. Emphasis is placed on project feasibility relative to site selection, site acquisition and permitting, value engineering and the construction loans process and funding requirements.

BCN 4801C-Industrial Construction I 3

Prerequisites: *PHY 2054, BCN 3611C and BCN 3223.* This is the first in a two-course, elective track for students preparing for careers in industrial construction. All aspects of industrial construction practice are examined including:

project management, strategic bidding and estimating, ethical conduct, project delivery methods, value engineering, design/build, customer relations and communication.

BCN 4802C-Industrial Construction II 3

Prerequisites: *PHY 2054, BCN 4612 and BCN 4720.* This is the second course in a two-course elective track for students preparing for careers in industrial construction. It is the second course in the industrial concentration. All aspects of industrial construction practice are examined including project management, strategic bidding and estimating, ethical conduct, project delivery methods, value engineering, design/build customer relations, and communications.

BCN 4870C-Heavy Civil Construction I 3

Prerequisites: *BCN 3223 and 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.

BCN 4871C-Commercial Construction I 3

Prerequisites: *BCN 3223 and BCN 3611C.* This is the first in a two-course elective track for students preparing for careers in commercial construction. Students learn a broad perspective of the technical knowledge and skill or methods related to commercial construction projects including project management, strategic bidding and estimating, ethical conduct, project deliver methods, value engineering, design/build, customer relations and communications.

BCN 4872C-Heavy Civil Construction II 3

Prerequisites: *PHY 2054, BCN 4612 and BCN 4720.* This is the second course in a two-course elective track for students preparing for careers in heavy civil construction. Students will apply their knowledge and skills in the management of heavy civil construction, including strategic bidding and estimating, ethical conduct, project delivery methods, value engineering, design/build, customer relations and communications.

BCN 4873C-Commercial Construction II 3

Prerequisites: *PHY 2054, BCN 4612 and BCN 4720.* This is the second course in a two-course elective track for students preparing for careers in commercial construction. Key aspects of commercial construction practice are examined including project management, strategic bidding and estimating ethical conduct, project deliver methods, value engineering, design/build, customer relations and communications.

BCN 4900-Directed Individual Study v. 1-3

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.

BCN 4930-Special Topics: Seminars 3

This course covers topics of current interests in the construction industry. Topics or focus may vary from semester to semester.

This course may be repeated up to 12 credits hours with a change in course content.

BCN 4931-Seminars: Construction Management v. 1-3

Prerequisite: permission of instructor. **Corequisite:** BCN 4709. This course offers advance study within an area of specialization designed for the individual who desires a field of concentration. The course focuses on new information and technology in the construction industry. This course may be repeated when the subject matter is different for a maximum of ten credit hours.

BCN 4944-Construction Management Internship 3

Prerequisites: BCN 361 1C and permission of instructor. 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.

COMPUTING

CAP 4020-Multimedia Systems 3

Prerequisites: Knowledge of object oriented programming principles and experience with languages such as C, C+, Java, and Visual Basic. This course includes the design and development of multimedia applications using multimedia methods and tools such as presentation managers, drawing software, web page development including HTML, authoring software, and supporting environments. The course requires students to develop their own applications as well as integrating different tools.

CAP 4630-Introduction to Artificial Intelligence 3

Prerequisite: COP 3530 or COP 3540. Heuristic techniques for problem solving and decision making, control and search strategies, knowledge representation, logic, AI languages and tools. Applications such as expert systems, natural language understanding, planning, and computer vision.

CAP 4660C-Introduction to AI Robotics 4

Prerequisites: COP 3530 and COP 3601. This course focuses on models and methods for the design and development of robotic devices whose function is to accomplish prescribed tasks with minimal human intervention. Basic robotics elements are addressed: simple mechanics - moving, turning, lifting - sensing the environment - light, contact, proximity - monitoring internal state - time, position, orientation. Autonomous and semi-autonomous robots are designed, constructed, and programmed by combining basic reactive behaviors to support higher levels of cognition. Laboratory exercises are incorporated throughout the course, with a term objective of implementing a working robot to address a performance/survival specification. (A laboratory fee of \$25 will be assessed).

CAP 4710-Computer Graphics 3

Prerequisites: MAS 3105 and COP 3530. This course covers point-plotting techniques, line drawings, two and three-dimensional transformations, clipping and windowing, data and file structures, interactive techniques, raster systems, perspective, hidden surface removal, shading.

CAP 4730-Graphic Systems & Application 3

Prerequisite: COP 3540. Survey of graphics hardware and software with emphasis on applications and user interfacing. Utilization of business graphics packages and graphics utilities. Design and implementation of user-computer dialogue and graphics interface. Exploration of other topics such as image processing, animation and multimedia systems. The student will be required to complete several programming exercises including user-interfacing and 2D (or 3D) graphics projects in a language appropriate for graphics.

CAP 4770-Data Mining 3

Prerequisite: COP 4720 or COP 4710. Students will study concepts and techniques of data mining, including Characterized and Comparison, Association Rules Mining, Classification and Prediction, Cluster Analysis, and mining complex types of data. Students will also examine applications and trends in data mining.

CAP 4774-Data Warehousing 3

Prerequisite: COP 4720, CIS 4327. This course provides an introduction to data warehousing concepts, requirements gathering, design, and implementation. Students learn about operational database integration, extraction, transformation, and loading of operational data to historical database systems such as operational data store and data warehouse. Students are provided with techniques for the analysis, design, denormalization, implementation, utilization, and documentation in the development of data warehouse systems. Structure query language for database and data warehouse will be studied and used to retrieve data and manipulate the information from the implemented databases. Students are required to complete and present a project to class in the data warehousing area.

CDA 3101-Introduction to Computer Hardware 4

Prerequisites: COP 2551 or COP 2220 and COT 3100. Boolean algebra, switching theory, combinational and sequential circuits, design and minimization techniques, integrated circuits, SSI, MSI, LSI, arithmetic and logic chips, CPU organization, memory organization, microprocessors and logic design. (A laboratory fee of \$5 will be assessed).

CDA 4010-Human Factors & Collaborative Computing 3

Prerequisite: COP 3540 or COP 3855. Human factors in computing deals with the effective interaction of people with computers including the software and physical elements. Collaborative computing covers the client/server aspects of computer mediated communication.

CDA 4102-Introduction to Computer Architecture 3

Prerequisite: CDA 3101. **Corequisite:** CDA 4102L. Computer taxonomy, description languages, conventional computer architecture, microprogramming, instruction sets, I/O techniques, memory, survey of non-conventional architecture. Software interface. (A materials fee of \$30 will be assessed).

CDA 4102L-Intro to Computer Architecture Laboratory 1

Prerequisite: CDA 3101. **Corequisite:** CDA 4102. Laboratory exercises to accompany CDA 4102 emphasizing computer architecture, micro processing, instruction sets, I/O techniques and memory using software interfaces. 3 hours of laboratory. (A materials fee of \$30 will be assessed).

CEN 4535C-Development of Mobile Software Applications 4

Prerequisites: *CGS 4307 and COP 3540.* This course covers various approaches to the development of mobile software applications using current development environments and frameworks. Examples of these approaches include thin clients, and smart clients, which interact with servers implemented as enterprise systems or web services. Development environments and platforms include open-source (for instance the JAVA 2 Micro Edition- J2ME) and non-open source (for instance, the .NET Compact Framework-CF). This course has a laboratory component that is implemented in the classroom through a network of portable computers wirelessly connected to a server. Laboratories consist of programming assignments that are demonstrated by means of both simulators of wireless devices and deployment to actual devices.

CEN 4943-Software Development Practicum 3

Prerequisite: *CIS 4251.* In this course students apply software development concepts studied in previous courses to cooperatively develop a sufficiently complex software system associated with a realistic application problem. Modern technologies supported by state of the art tools and environments are used.

CGS 1100-Computer Applications for Business 3

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.

CGS 1570-Microcomputer Application Software 3

Introduction to the fundamentals of personal computing and commonly used software applications for a PC. Includes practical exercises using popular application software packages.

CGS 2525-Multimedia Applications 3

Prerequisite: *CGS 1100 or a programming language or permission of instructor.* Familiarity with Windows or Macintosh environment helpful. Principles, methods, and tools for the design and development of multimedia applications (incorporation of sound, animation, still images, hypertext and video in computing technology); authoring languages; multimedia technology hardware and trends.

CGS 3559-Introduction to the Internet 3

Prerequisite: *CGS 1100 or CGS 1570 or permission.* Introduction to and use of browsers including helpers and plug-ins; HTML programming, including forms, image maps, and CGI scripts; production of graphics for the WEB; design of home pages.

CGS 4307-Info Processing: An Organizational Perspective 3

Prerequisite: *CGS 1100 or GGS 1570 or equivalent.* Students in this course will examine the organizational requirements for information processing in support of administrative decision processes. This involves the examination and use of information processing models in business to transform organizational memory into appropriate designs. Projects involving the use of information models applied to various application domains are required, including the design of relational data models and their implementation using a relational database management system.

CGS 4308-Information Processing: Requirements Identification & Specification 3

Prerequisite: *CGS 4307.* Topics include requirements gathering, feasibility studies, software life cycle overview, tools and equipment used by designers, and factors associated with successful systems. (This course cannot be used for credit by CIS majors).

CIS 2930-Special Topics in Computer & Information Sciences v. 1-4

Course outline will vary depending on topic and number of credit hours. The course will be handled logistically in the same fashion as upper division and graduate-level special topics. May be repeated up to 12 credits.

CIS 2935-G(W) Honors Special Topics in Computer & Information Sciences 3

Topics are reflective of state-of-the-art computing and selected from among those particularly suited to sophomore-level Honors students. Gordon Rule Additional Writing credit.

CIS 3255-Foundations of Leadership in Technology 1

Students examine through a series of seminars what makes an effective technical leader and how this might differ from other leadership styles. Students participate in activities to determine their current leadership style and how to develop desired leadership qualities, such as speaking and listening responsibly, creating visions, building community, generating support from others to make change, and strategies for promoting diversity.

CIS 3949-Experiential Studies in Computer & Information Sciences v. 0-3

Prerequisites: *Acceptance in cooperative education program and at least 6 credits from core courses completed.* Students will participate in supervised work experiences related to computer science. Students may repeat this course for credit, up to a total of six (6) semester hours.

CIS 4100-System Performance & Evaluation 3

Prerequisite: *COP 3540.* Tools and techniques used in the evaluation of the performance of computing systems, empirical modeling methods, simulation models, deterministic and stochastic methods.

CIS 4103-Web Performance 3

Prerequisites: *CNT 4704 and STA 2023.* In this course students will examine the fundamental ideas, techniques, and tools used to assess web server performance. Students will compare various models, metrics, benchmarks, and performance tests. Through projects and reproducible experiments, students will evaluate web servers and develop solutions to optimize them.

CIS 4251-Software Development 3

Prerequisite: *COP 4710.* History of software development; the software process; software development models (structured and object oriented); requirements, specification, planning, design, implementation, integration, and maintenance; social and ethical implications of computing; major team project.

CIS 4253-Legal & Ethical Issues in Computing 3

Prerequisite: *COP 3530 or COP 3540.* This course provides a discussion of legal and ethical issues faced by computing professionals. The course will use the students' prior experiences in software development as a framework by

demonstrating lecture concepts through coding examples and technical situations. State and national laws pertaining to computing will be presented. Students will be required to give and justify opinions about given computing situations. Students will also present an opinion to the class about one ascetic software development issue.

CIS 4327-Information Systems Senior Project I 3

Prerequisite: *COP 3855. Prerequisite or corequisite: COP 4720.* First of a two course senior project on systems development with a significant laboratory component. Students will design a prototype information system in the context of the project team environment employing methodologies of a model software system life cycle including specification, analysis, and design.

CIS 4328-Information Systems Senior Project II 3

Prerequisite: *CIS 4327.* The second in a two course senior project with a lecture and significant laboratory components. Students implement a prototype information system in the context of the project team environment employing the methodologies of a model software system life cycle. Capstone course for the Information Systems major.

CIS 4360-General Computer Security Administration 3

Prerequisite: *COP 3530 or COP 3540.* This course provides an introduction and overview of security issues for organizational and institutional computing. Physical software and computing system security will be discussed. Students will be required to perform introductory security analysis, write code to automate some security preparedness tasks, and set up a protection scheme for a simple PC computer.

CIS 4362-Computer Cryptography 3

Prerequisites: *COP 3530 or COP 3540 and COT 3100.* 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.

CIS 4364-Information Systems Intrusion Detection 3

Prerequisites: *CIS 4360 and COP 4640.* This course covers internal and external computer security breaches, how to avoid them, and what actions to take if they are discovered. Students will use and develop software to detect intrusions and protect the computer systems from intrusions.

CIS 4365-Computer Security Policies & Disaster Preparedness 3

Prerequisite: *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.

CIS 4366-Computer Forensics 3

Prerequisites: *CIS 4360 and COP 4640.* Topics in this course will include computer system data recovery with a particular emphasis on computer evidence handling and computer crime detection. Students will be required to

recover data from computers that may have been involved in computer crimes. 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.

CIS 4510-Expert System & Decision Support 3

Prerequisite: *COP 3540.* 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. Practical application emphasizing evaluation of available systems and hands-on experience.

CIS 4593-M-Computing Capstone Project I 3

Prerequisites: *CEN 4535C and CNT 4514C.* This is the first of a sequence of two courses where students will have the opportunity to analyze, implement, and deploy, a mobile software system associated with an application proposed by the Mobile Computing Advisory Board (MCAB), who will be playing the role of the customer. The MCAB is comprised of software development professionals from the Jacksonville area who will also design rubrics to evaluate the proposed applications. This first course covers activities that range from the elicitation of requirements, to the network and software system design, by using concepts and tools studied in previous courses of the M-Computing concentration. Periodic demonstrations of the systems evolution (before the customers) are required.

CIS 4594-M-Computing Capstone Project II 3

Prerequisite: *CIS 4593.* This is the second of a sequence of two courses where students will have the opportunity to analyze, implement, and deploy, a mobile software system associated with an application proposed by the Mobile Computing Advisory Board (MCAB), who will be playing the role of the customer. The MCAB is comprised of software development professionals from the Jacksonville area who will also design rubrics to evaluate the proposed applications. This second course covers activities that range from the implementation of mobile software system that captures the functional requirements and quality attributes associated with proposed application (whose design is the output of the previous capstone course), to the deployment of the system onto physical networks, mobile devices and enterprise systems. Periodic demonstration of the system evolution (before the customer) are required.

CIS 4615-Secure Software Development 3

Prerequisite: *CIS 4360.* This course is intended to make students aware of how software design decisions affect computer security issues. Common computer security problems will be discussed and students will be asked to write programs demonstrating how to avoid such problems. Special emphasis will be placed on web applications. Security testing will be discussed and students will be asked to use security testing techniques from class existing software products.

CIS 4850C-Intro to Spatial Information Systems 4

Prerequisite: *COP 3540.* An introduction to Spatial Information Systems (SIS): the technology of acquiring, managing, analyzing, and displaying information in a spatial context. The course focuses on the unique technical and institutional issues associated with designing and implementing a spatially-enabled Information Technology infrastructure in a public or private enterprise. The participants will get hands-on experience with industry-standard technology

including: Geographic Information System (GIS) software, and Global Positioning System (GPS) hardware and software. A series of structured practical exercises provide a pathway to understanding how fundamental spatial theory and principles become relevant in the context of developing practical applications using these technologies.

CIS 4851C-Advanced Spatial Information Systems 4

Prerequisite: *CIS 4850C*. This course will provide participants with advanced knowledge of spatial principles and professional practices related to enterprise-scale Spatial Information Systems (SIS) and specialized applications that utilize SIS technology. The course will explore how SIS technology can be integrated with other technologies to create new business process models. The laboratory component will provide participants with the advanced technical skills needed to be able to design and implement Spatial Information Systems (SIS) and develop applications that utilize SIS technology. The course will give participants a “hands on” opportunity to explore how SIS technology can be integrated other technologies such as mobile computing, the web, and wireless communications.

CIS 4861-Spatial Information Systems Administration 3

Prerequisite: *CIS 4851C*. **Corequisite:** *CIS 4893*. This course will provide the participants with the advanced knowledge of the professional practices needed to be able to administer enterprise-scale Spatial Information Systems (SIS) and to manage the development and implementation of specialized applications that utilize SIS technology as a component. The course will utilize guest lectures by SIS professionals to present case studies of professional practices. Participants will work in groups to execute a series of peer-reviewed assignments in which each group develops the requirements for development of a SIS application, a competitive professional proposal, and a SIS business plan.

CIS 4893-Spatial Info Systems Capstone Project I 1

Prerequisite: *CIS 4851C*. **Corequisite:** *CIS 4861*. This is the first capstone course for the Spatial Information Systems Concentration in the Information Technology program. The course is intended to provide the participants with a structured learning environment for each student (or approved group of students) to develop a senior capstone project proposal. Each student (or group) will make a draft and a final proposal presentation to the class, and submit a final written proposal for approval by the instructor. A senior capstone project proposal must be approved by the instructor prior to enrollment in the Spatial Information Systems Capstone II course.

CIS 4894-Spatial Info Systems Capstone Project II 3

Prerequisite: *CIS 4893*. This is the second capstone course for the Spatial Information Systems (SIS) Concentration in the Information Technology program. The course is intended to provide the participants with a structured learning environment for each student (or approved group of students) to complete a senior capstone project, which will be based on the final written proposal approved previously by the instructor in the SIS Capstone I course. A senior capstone project proposal must be approved by the instructor prior to enrollment in the Spatial Information Systems Capstone II course. The student

(group) will submit a written final report and present an oral presentation on the project.

CIS 4900-Directed Independent Study v. 1-3

For senior level computer and information science students, topic supportive of the student’s overall program. May be repeated with permission.

CIS 4910-G(W) Honors Research Computer & Information Sciences 3

Prerequisite: *Admission to the Honors program with the major track in Computer and Information Sciences*. Research leading to the Honors project/thesis under the supervision of a faculty member. Gordon Rule additional writing credit.

CIS 4930-Special Topics in Computer & Information Sciences v. 1-4

For senior level students. Topics are reflective of advances in state-of-the-art computing not adequately addressed in current course offerings. May be repeated up to 12 credits.

CNT 4406-Network Security & Management 3

Prerequisite: *CNT 4504*. In this course, students will examine network security and issues related to managing a secure system. They will explain the use of cryptographic algorithms in such systems. Students will discuss the various forms of attacks, determine ways to detect these attacks, and develop defenses against such attacks.

CNT 4504-Comp Networks & Distributed Processing 3

Prerequisite: *COP 3530 or COP 3540*. In this course, students will study architectures, protocols, and layers in distributed communication networks and develop client-server applications. Topics include the OSI and TCP/IP models, transmission fundamentals, flow and error control, switching and routing, local and wide-area networks, wireless networks and client-server models. Students will extend course topics via programming assignments, library assignments and other requirements.

CNT 4514C-Wireless Networks & Mobile Computing 4

Prerequisites: *CGS 4307 and COP 3540*. Students in this course will study wireless and emerging network technologies. They will examine the effects of mobility on network issues such as architecture security, privacy, file systems, resource discovery, resource management (including energy usage), personal on-line identities, and other areas. Students will acquire hands-on experience with mobile and sensor platforms.

CNT 4704-Network Design & Planning 3

Prerequisite: *CNT 4504*. In this course, students will examine computer network goals, models, and designs for both local area and wide area networks, with specific emphasis on the internet working principles. They will evaluate current network technologies and use these in the planning of a network. Through simulation techniques and graph and queuing theory, students will plan the capacity of a network and analyze its performance.

COP 2010-Intro to Visual & Procedural Programming 3

Prerequisite or corequisite: *CGS 1570*. This course provides an introduction to the fundamentals of visual programming as well as procedural language structure and capabilities. Students learn about visual programming

development, including problem definition, problem solving and algorithms, procedures, controls, arrays, structures, coding, visual interface design, testing, and debugging.

COP 2120-Introduction to COBOL Programming 3

Prerequisite: *CGS 1570*. This course introduces students to the fundamentals of structured programming as well as language structure and capabilities. Students learn about program development, including program definition, pseudocode, flowcharting, coding, testing and debugging. To practice programming skills, students develop COBOL programs to solve “real-world” problems.

COP 2220-Computer Science I 3

This course provides an introduction to the programming process. Topics in the course include types, operations, expressions, control flow, I/O, functions, program structure, software design techniques, and problem solving. Course concepts are reinforced with many programming projects throughout the term.

COP 2332-Intro to Visual Basic Programming 3

Prerequisites: *Knowledge of programming in another language and knowledge of the current release of Windows*. An introductory course in Windows programming using Visual Basic. Topics include event-driven programming techniques and object-oriented concepts. Includes objects, properties, methods, controls, functions, subroutines, arrays and structures, and database access.

COP 2551-Intro to Object-Oriented Programming 3

Prerequisite or corequisite: *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.

COP 2800-Java/Java Script 3

Introduction to functions, objects, events, and their handlers, interactive forms, frames, documents, windows and cookies using Java Script; object-oriented programming, including classes, packages and interfaces, exceptions and multitasking in Java.

COP 3331-Object-Oriented Programming in Java/Java Script 3

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 Java Script; classes, packages, interfaces, exceptions, awt, threads, JDBC, and selected topics in Java.

COP 3503-Computer Science II 3

Prerequisites: *COP 2220, MAC 2311 and COT 3100 (pre or corequisite)*. This course serves as a continuation to the Computer Science 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 dequeues. 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.

COP 3530-Data Structures 4

Prerequisite: *COP 3503*. 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 programming projects using both procedural and object-oriented languages.

COP 3540-Data Structures using OOP 4

Prerequisite: *COP 2551. Pre or corequisite: COT 3100*. As a continuation of OO programming, this course addresses linear and non-linear data structures and techniques. Topics include stacks, queues, trees, indexing techniques, multi key structures, recursion, sorting and searching, hashing, and hash overflow techniques.

COP 3543-Enterprise Computing 4

Prerequisite: *COP 3540*. This course is for those who want to learn about enterprise computing and data management using COBOL. Organizational data representation is discussed regarding internal business data types and external organizational file systems operations. Business enterprise software development will include report generation, multi-user access, string processing, and independent compilation.

COP 3601-Introduction to Systems Software 4

Prerequisite: *COP 3503*. Computer structure, machine language, instruction execution, addressing techniques. System and utility programs, programming techniques. Assemblers and macro processors.

COP 3855-Web Access & System Design 4

Prerequisite: *COP 2010. Prerequisite or corequisite: COT 3100*. Students learn about the influence of E-business, local and global transaction processing, Internet, web design and development, and Electronic Data Interchange on information systems. After an introduction to the basic concepts of relational database systems, students will practice connectivity to a database to retrieve information. The course includes a design and implementation project involving a database in the Web environment.

COP 4300-Discrete Systems Modeling & Simulation 3

Prerequisites: *COP 3530 or COP 3540 and STA 4321 or STA 2013*. Model building; queuing models; design of experiments; simulation techniques; utilization of probability density functions; pseudo-random number generation; simulation tools such as GPSS, SIMSCRIPT, and SLAM; interpretation of results; simulation animation; continuous simulation.

COP 4610-Operating Systems 3

Prerequisites: *STA 4321, COP 3601 and COP 3530*. Process management, memory management, file management, input/output device management, distributed systems issues.

COP 4620-Construction of Language Translators 4

Prerequisites: COT 3210, COP 3601 and COP 3530.

Grammars, languages, parsing, precedence, runtime storage organization, semantic routines, error recovery, optimization, intermediate code representations, scope, symbol tables, compiler-compilers.

COP 4640-Operating Systems Environments & Admin 3

Prerequisite: COP 3540. Introduction to operating systems from an applied point of view. Topics include operating systems configuration, characteristics, and evaluations. Laboratory exercises require students to develop and maintain a multiuser operating system, develop custom system utilities, and evaluate different operating systems configurations.

COP 4710-Data Modeling 3

Prerequisites: COT 3210 and COP 3530. This course studies dynamic storage management, compression, data abstraction, data models (hierarchical, network, relational), query languages, concurrency and security, grammatical validation and standards. Schema design methodologies and evaluation including object oriented, semantic, functional, entity-relationship data models, CASE tools, and SQL engine design are also covered.

COP 4720-Database Systems 3

Prerequisites: COP 3855 and COP 3540. After an overview of database history, students learn about entity relationships and design processes. Databases are studied with a concentration on relational concepts, Structured Query Language, Data Definition Language, and Data Manipulation Language. Issues of redundancy, normalization, optimization, and concurrency control are examined. The combination of theoretical concepts and practical experiences will provide students with a fundamental knowledge of concepts, principles, and techniques for the analysis, design, implementation, utilization, and documentation involved in the development of database systems.

COP 4722-Database Systems II 3

Prerequisite: COP 4720. This course examines logical and physical database design, SQL utilization of query language, and CASE design tool for database management system implementation. Other areas of study include client/server system, multi-user databases, DBMS software interfaces, basic database administrator responsibilities, permissions, locking, releasing, granting, and revoking database objects.

COP 4723-Database Administration 4

Prerequisite: COP 4720. The Database Administration course is designed for students who have a general background in databases, applications, and database design as well as an interest in learning how a major database can be installed and managed. The course supports standard database administration knowledge, management of the database, client/server environment, monitoring multiple databases, backup and recovery, database memory and space management, partitioning, use of diagnostic tools, and new techniques in database administration.

COP 4813-Internet Programming 3

Prerequisites: COP 4720 or COP 4710; CGS 4307 and COP 3540. **Pre or corequisite:** COP 4720 or COP 4710. (i.e. May be taken concurrently.) 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 Internet security. Students will extend course topics via programming assignments, library assignments and other assigned activities.

COT 3100-Computational Structures 3

Prerequisite: MAC 2311 or MAC 2233. Applications of finite mathematics to CIS. Sets, relations, functions, and number theory. Algebraic and combinatorial structures. Applications of graphs. Boolean algebra and switching theory, and logic.

COT 3210-Computability & Automata 3

Prerequisites: COT 3100 and COP 3503. Applications of automata and language theory to CIS. Finite automata and regular expressions. Formal languages and syntactic analysis. Pushdown automata and Turing machines. Undecidability and computational complexity.

COT 4111-Computational Structures II 3

Prerequisites: COT 3100 or MAD 3107. 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. Coding theory, Latin squares, graph theory. Application to various problems in mathematics and computing will be covered.

COT 4400-Analysis of Algorithms 3

Prerequisite: COP 3530. Analysis of various algorithm design strategies, divide-and-conquer, greedy method, backtracking, branch-and-bound, lower bound theory, NP-hard and NP-complete.

COT 4461-Computational Biology 3

Prerequisites: COP 3530 or COP 3540; STA 4321 or STA 2023. 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.

COT 4560-Applied Graph Theory 3

Prerequisites: COT 3100 and either COP 3530 or COP 3540. Students in this course will study classical graph theory, its applications in computing and modeling real-world phenomena, and graph algorithms.

CIVIL ENGINEERING

CEG 3011C-Geotechnical Engineering 4

Prerequisites: CES 3104C and CWR 3201. 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.

CEG 3111-Foundation Engineering 3

Prerequisite: CEG 3011C. This course is an introduction to geotechnical foundation engineering. The course emphasizes geotechnical conditions and their effect on the behavior, proportioning, and choice of foundation systems. Topics include site investigation techniques, factors of safety, and geotechnical design and analysis of shallow and deep foundations, rigid and flexible retaining structures, and braced excavations.

CES 3100-Analysis of Structures 4

Prerequisite: CES 3104C. This course will investigate types of loads on structures, truss analysis, shear and bending moment diagrams, influence lines and design envelopes. Deformation of beams, frames and trusses are covered. Analysis of indeterminate structures is introduced using consistent deformation, slope deflection and moment distribution methods. Computers and matrix methods are introduced.

CES 3104C-Mechanics of Materials 3

Prerequisite: "C" or better in EGN 3311 or equivalent. 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. Hands-on Laboratory exercises are also included to investigate stress and strain.

CES 3605C-Design of Steel Structures 3

Prerequisite: CES 3100. 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. Hands-on laboratory exercises are also included to investigate steel structural components.

CES 4101-Advanced Structural Systems 3

Prerequisites: CES 4702C and CES 3605C. This course presents advanced topics in structural analysis and design, such as computer analysis and design of building frames for gravity, seismic and wind loadings; bridge loading and design; connections in steel framing; design of steel plate girders; torsion in steel and concrete beams; composite beams; yield line theory; and strut and tie models for failure analysis.

CES 4702C-Design of Reinforced Concrete 3

Prerequisite: CES 3100. 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.

CGN 3322C-Civil Engineering Surveying 3

Prerequisite: MAC 2312. 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.

CGN 3501C-Civil Engineering Materials 4

Prerequisites: CHM 2045C, CES 3104C, and STA 3032. This course offers an introduction to the economic, mechanical, non-mechanical, production/construction, and aesthetic considerations of Civil Engineering materials. Students will also conduct standard tests to obtain material properties required for Civil Engineering design and quality assurance/quality control purposes. The materials addressed within the scope of this course include: metals, aggregates, Portland cement and Portland cement concrete, asphalt cement and asphalt concrete, masonry, wood, composites and plastics.

CGN 3930-Special Topics in Civil Engineering v. 1-3

Prerequisites: Junior 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.

CGN 4803-Senior Capstone Design I 1

Pre or corequisites: Senior standing and consent of the instructor; CES 3605C, TTE 4004 and CWR 4202C. 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.

CGN 4804-Senior Capstone Design II 3

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.

CGN 4905-Directed Individual Study v. 1-3

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.

CGN 4931-Special Topics Civil Engineering v. 1-3

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.

CGN 4949-Co-Op Work Experience v. 0-1

Prerequisites: Acceptance in Cooperative Education Program and 6 hours of completed CGN courses. Students will participate in a practical co-op engineering work under approved industrial supervision. Students may repeat this course for credit, up to a total of three semester hours.

CWR 3201-Fluid Mechanics 3

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.

CWR 4202C-Hydraulic Engineering 4

Prerequisite: CWR 3201. 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.

EGN 3038-Leadership for Engineers 1

This course uses a weekly seminar format with guest speakers and student presentations to understand the importance of leadership in the engineering profession and to develop leadership skills. A project is required.

EGN 3125-Surveying & Computer Aided Design 3

This course will provide students with hands-on experience in computer-aided design concepts and practices and basic and advanced surveying techniques.

EGN 3202-Computer Aided Engineering 3

This course covers the application of computer aided drafting (CAD) software, drafting format, and drafting techniques focused on Civil Engineering applications.

EGN 3311-Statics 3

Prerequisites: PHY 2048, PHY 2048L and MAC 2312. 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, centroids,

and moment of inertia are introduced. U.S. engineering and metric systems of units and applications are used.

EGN 4032-Engineering & Professional Issues 2

Prerequisite: Acceptance in an engineering program in the Division of Engineering at UNF. The study of issues of importance to the engineering profession, the relationship of engineers to their profession and their industrial and business bases, and the importance of the results of their designs and analyses on their using communities will be covered in this course.

ENV 3001C-Environmental Engineering 4

Prerequisites: CHM 2045C, PHY 2049 and PHY 2049L. 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. Laboratory component provides overview of the experimental methods and processes used in environmental engineering.

ENV 4012-Advanced Environmental Engineering 3

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.

TTE 4004-Transportation Engineering 3

Prerequisites: CGN 3322C, STA 3032 and EGN 3613. 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.

TTE 4201-Advanced Transport Engineering 3

Prerequisite: TTE 4004. 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.

ELECTRICAL ENGINEERING

EEE 4309C-Electronic Circuits II 4

Prerequisites: EEL 3303L, EEL 3304, and EEL 3112. This course covers advanced electronic design techniques. Topics include frequency response of amplifiers analysis and design of power amplifiers, oscillator design and analysis, power supply design, analysis and applications of linear and digital integrated circuits. Laboratory is included.

EEE 4310-Digital Integrated Circuits 3

Prerequisite: EEE 4309C. This course covers the analysis and design of digital circuits that are fabricated using MOS and bipolar devices.

EEE 4314L-Advanced Electronics Design 2	EEL 3472-Electromagnetic Fields & Applications 3
Prerequisite: EEE 4309C. This is a lab-oriented course that covers the applications of electronic devices and linear-digital integrated circuits in the design and verification of electronic instrumentation, systems and design projects. An advanced electronic design project is required.	Prerequisite: EEL 3111, MAP 2302 or permission of the instructor. Electric and magnetic fields and forces, Maxwell's equations in point and integral form, plane wave propagation, energy and power.
EEE 4396-Solid State Electronic Devices 3	EEL 3701C-Introduction Digital Systems 4
Prerequisite: EEL 3304. Introduction to the principles of semiconductor electron device operation.	Prerequisite: A programming language. 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. Laboratory is included.
EEL 3003-Introduction to Electrical Engineering 3	EEL 3889C-Intro to Embedded Systems Design 3
Prerequisites: PHY 2049, PHY 2049L and MAP 2302. This course will introduce the concepts of electronics and applications to non-electrical engineering majors. Topics to be included are electrical circuit theory, semiconductor devices and circuits, digital electronics, analog electronics, instrumentation systems, and communication systems.	Prerequisite: COP 2220. This course covers fundamental software and hardware aspects of embedded systems applications and object-oriented software design and development. Weekly programming assignments will focus on solving engineering problems utilizing embedded controllers and microprocessors. Topics will include but not be limited to: programming concepts, graphical user interfaces, data structures, real-time systems and distributed process control. Emphasis is on applying embedded controllers to solve advanced engineering problems. This course has a laboratory component.
EEL 3111-Circuit Analysis I 3	EEL 4201L-Electrical Energy Conversion Lab 1
Prerequisites: PHY 2049 and MAC 2313. Corequisite: MAP 2302. This course covers basic analysis of direct current and alternating current electrical circuits. Topics include impedance, admittance, power, energy, network laws theorems, transient analysis, and steady-state analysis using phasors. The use of simulation to analyze electrical circuits is introduced.	Corequisite: EEL 3211. This course is an applied study of electromechanical energy conversion principles, characteristics, and applications of transformers, synchronous and induction machines, DC machines, and special machines in a laboratory environment utilizing common instrumentation.
EEL 3112-Circuit Analysis II 3	EEL 4230-Electronic Drives/Motor Control 3
Prerequisite: EEL 3111. This course provides further AC and DC circuit analysis methods. Topics include power analysis, frequency response, and two-port networks. Fourier analysis, laplace transform, and their applications to circuit analysis are covered and a computer-aided tool is used.	Prerequisite: EEL 3211. Corequisite: EEL 4657C or permission of instructor. This course covers voltage-fed inverters, control of inverters, DC machine drives, stepper-motor drives, brushless DC machine principles, PWM principles including harmonic analysis and an introduction to vector control of AC drives.
EEL 3135-Signals & Systems 3	EEL 4242C-Power Electronic Circuits 4
Prerequisite: EEL 3112. Role of Fourier, Laplace and Z-transforms in system theory. Convolution integral applications.	Prerequisites: EEL 3211 and EEL 3304. This course is the study of principles and characteristics of power semiconductor devices, single-phase and poly-phase phase-controlled converters, converter control, AC voltage controllers, inverter topologies, switch mode and resonant DC-to-DC converters. The course will culminate in the magnetic and electronic design, building and testing of a switch-mode power supply.
EEL 3211-Introduction to Electric Machines 3	EEL 4440-Optical Fiber Communications 3
Corequisite: EEL 3112. Generation, transformation, and transmission of electric energy in bulk quantities. AC and DC motors.	Prerequisites: EEL 3472 Electromagnetic fields and applications or 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.
EEL 3216-Introduction to Power Systems 3	EEL 4514-Communication Systems 3
Prerequisites: EEL 3211 and competency in a computer language. This course is a study of electrical power transmission and distribution systems, power, symmetrical components, symmetrical and asymmetrical faults and dynamic power system stability with an emphasis on computer-aided fault and transient stability analysis.	Prerequisites: EEL 3135. This course introduces the theories of analog and digital communication systems. Topic includes modulation and demodulation, multiplexing, spread spectrum, CDMA, communication link and wireless channels analysis.
EEL 3303L-Electrical Circuits Laboratory 1	
Corequisites: EEL 3112 and EEL 3304. Laboratory experiments emphasizing electrical instrumentation, circuit-theory verification plus network analysis and design.	
EEL 3304-Electronic Circuits I 3	
Prerequisite: EEL 3111. This course covers basic electronic design techniques. Topics include operational amplifiers, diodes and transistors characteristics and applications, and analysis and design of amplifiers. Computer-aided tools in the design and analysis of electronic circuits are used.	

EEL 4514L-Communication Systems Lab 1

Prerequisite: EEL 3135. **Corequisite:** EEL 4514. This course is the laboratory component for EEL 4514 and consists of the laboratory investigation of communication systems.

EEL 4515-Advanced Digital Communication 3

Prerequisite: EEL 4514. This course covers common digital modulation and demodulation methods, synchronization and diversity reception. Application of communication theories to radio and cellular phone are also covered.

EEL 4515L-Advanced Digital Communications Lab 1

Prerequisite: EEL 4514. **Corequisite:** EEL 4515. This course is the laboratory component for EEL 4515 and consists of laboratory investigation of communication system. (A lab fee of \$30 will be assessed).

EEL 4610-State-Space Control Systems 3

Prerequisite: EEL 4657C. Control system design and analysis using state-space methods. Introduction to digital control systems and their applications.

EEL 4657C-Linear Control Systems 4

Prerequisites: EEL 3135 and EEL 4744C. This course covers the design and analysis of control systems using transfer function-based methods. Topics include modeling of physical systems as transfers functions, stability analysis, design specifications, design of controllers by root locus method, frequency response techniques, computer-added analysis and design. Laboratory experiments include position and speed controls using proportional, PI, PD, and PID controllers.

EEL 4712C-Digital Design 4

Prerequisites: EEL 3701C and EEL 3304. 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. Laboratory is included.

EEL 4713-Digital Computer Architecture 3

Prerequisite: EEL 3701C. **Corequisite:** EEL 4713L. Modern computers are becoming highly integrated complex devices. To understand their complex architecture it is not possible to separate the hardware and the software. So much of the computer hardware design depends on what type of applications the use intends to run and especially the operating system. This senior level electrical engineering class is about computer architecture. To provide a focus to the course and some hands-on, in-depth practical experience, we will work closely with the Motorola MC68908GP32 Microcontroller and the MicroC/OS-II real-time kernel.

EEL 4713L-Digital Computer Architecture Lab 1

Prerequisite: EEL 3701C. **Corequisite:** EEL 4713. This lab is to be taken with EEL 4713. We will systematically working with a professional grade C compiler to generate code for the HC08 microprocessor. We will also develop simple device drivers for our peripheral components. In the lab, each

student will construct a modern power supply and build a MicroOsprey08 computer using surface mount components. The MicroOsprey08 takes a daughter board and each student will design his or her own daughter board for interface for their class project. The class project will be a working computer with both hardware and software built by the student. (A lab fee of \$30 will be assessed)

EEL 4744C-Microcontroller Applications 4

Prerequisite: EEL 3701C. This course covers the elements of micro controller-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.

EEL 4750-Introduction to Digital Signal Processing 3

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.

EEL 4750L-Digital Signal Processing Laboratory 1

Prerequisite: EEL 3135. **Corequisite:** EEL 4750. 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.

EEL 4829-Digital Electronic Imaging 3

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.

EEL 4905-Individual Study v. 1-3

Prerequisite: Approval of supervising professor and chair. May be repeated up to 12 credits.

EEL 4914-Senior Design I 1

Prerequisites: Senior standing and instructor's approval. This course provides an introduction and study of the engineering design process in industry. Each student will select a design topic and prepare a project proposal including preliminary requirements and design approach. Additional activities include the preparation of a resume and a written assignment on ethics in the job environment. Intellectual property such as copyrights, trademarks, and patents is covered. A faculty advisor for Senior Design II must also be selected by the end of the semester.

EEL 4915-Electrical Engineering Design II 3

Prerequisite: EEL 4914. Students are responsible for completion of their engineering project that was initiated in the Design 1 course. Students are responsible for testing relative to original specifications, oral presentation of the project, and project documentation in the form of a project report.

EEL 4930-St: Electrical Engineering 3

Prerequisite: permission of instructor. Special courses covering selected topics in electrical engineering. May be repeated up to 12 credits with different course content.

EEL 4931-St: Electrical Engineering v. 1-4

Prerequisite: permission from instructor or department. Special courses covering selected topics in electrical engineering.

EEL 4949-Co-Op Work Experience v. 0-1

Prerequisite: Six hours of Electrical Engineering course work. Acceptance in cooperative education program. Students will participate in practical co-op engineering work under approved supervision. Students may repeat this course for credit, up to a total of three semester hours.

EGM 3420-Engineering Mechanics 4

Prerequisites: PHY 2048 and MAC 2313. Reduction of force systems. Equilibrium of particles and rigid bodies. Principles of work, energy, impulse and momentum. Application to structures and mechanisms.

EGN 3358-Applied Thermal Sciences 3

Prerequisite: EGN 3311. This course is intended to introduce the student to the fundamental concepts of Thermal Sciences. The basic concepts of Thermodynamic, Fluid Mechanics, and Heat Transfer are explored drawing extensively from real-world examples. This course is not available for credit by Civil or Mechanical Engineering students.

MECHANICAL ENGINEERING

EGN 1001-Introduction to Engineering I 2

Prerequisite: MAC 1147 or equivalent. Students will be introduced to the broad field of engineering from the process of invention to the societal impact of the profession. Practical laboratory exercises and design activities will prepare students for upper division coursework. Students will also explore the role of the modern engineer in the context of current topics such as sustainability, design safety, and energy management through practical examples and hands-on activities.

EGN 2009-Introduction to Engineering II 2

Prerequisite: EGN 1001. This course is a continuation of Introduction to Engineering I. The purpose of this course is to introduce potential engineering students to the tools that will be utilized to solve engineering problems. The course will introduce the student to numerical methods of analysis. Next, appropriate computer codes will be introduced to solve numerical equations. The student will also be introduced to computer programs that solve specific engineering problems. A design project will be required.

EGN 3203-Modern Computational Methods 3

Prerequisite: MAP 2302. This course covers computational methods commonly used in engineering practice. An engineering analysis software package is used extensively in the study of algorithms and engineering numerical analysis.

EGN 3321-Dynamics 3

Prerequisites: EGN 3311, MAC 2313, PHY 2049 and PHY 2049L. 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.

EGN 3331-Strength of Materials 3

Prerequisite: EGN 3311. Corequisite: EGN 3331L. 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.

EML 3015-Fluids I 3

Prerequisite: EGN 3311. Corequisite: EGN 3321. 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.

EML 3100-Thermodynamics I 3

Prerequisites: CHM 2045C, PHY 2049, PHY 2049L and MAP 2302. 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.

EML 3101-Thermodynamics II 3

Prerequisite: EML 3100. This course is a continuation of EML 3100, Thermodynamics I. In this course, students will develop the concepts of energy generation and the transformation of energy from one state to another. The production of useful energy and the possible flow of energy will be explored.

EML 3520C-Material Science I 4

Prerequisite: CHM 2045C. This course covers the fundamentals of materials science. The course has lecture and hands-on laboratory components. Topics covered include the structure of metals, ceramics and polymers, mechanical behaviors or materials and phase transformation in metals.

EML 3535C-Modern Engineering CAD 3

Prerequisite: Acceptance into an engineering program or permission of the instructor. This course covers foundation features of Auto CAD including entity manipulation and solid modeling. Industrial computer aided design systems used by professionals in industry will be introduced. Concepts will be covered through assignment of hands-on projects.

EML 3553-Project Engineering I 3

Prerequisite: Admissions to Mechanical Engineering program. This course provides an overview of project

organization, team formations and operations involving matrix teams and an overview of 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 will make oral and written presentations.

EML 4004L-Energy Systems Laboratory 1

Prerequisites: *EML 3015 and EML 4140.* The application of mechanical engineering concepts and devices will be performed in this laboratory to include incompressible flows, heat transfer concepts, and thermal systems.

EML 4016-Fluids II 3

Prerequisite: *EML 3015.* This course is the continuation of the material presented in EML 3015 Fluids I. The course takes the next step to describing fluid flows that include near real-world effects.

EML 4024-Advanced Solid Modeling 3

This course provides an introduction to real-life solid modeling, including parametric design, geometric constraints and assembly of components. Geometric interference checks of an assembly and part optimization are also covered.

EML 4048-Simulation of Production Systems 3

Prerequisite: *EML 4312.* This course covers the application of advanced simulation techniques for discrete-time simulation of production systems. Simulation concepts are introduced and methods for data collection and model building are covered. Simulation model output analysis, model verification, and production systems optimization is covered by means of simulation techniques. Current case studies from local industry are featured for simulation projects.

EML 4126-Transport Phenomena 3

Prerequisites: *EML 3015 and EML 4140.* 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.

EML 4140-Heat Transfer 3

Prerequisites: *EML 3100 and EML 3015.* 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, convection, and radiation will be covered, and analysis tools will be employed in the topics presented.

EML 4301L-Mechanical Systems Laboratory 1

Prerequisite: *EML 4312.* This course of study designs and conducts experiments in mechanical systems engineering. Hands-on experience and knowledge of instrumentation hardware and software is integrated into the experiments. Experimental procedures, measurement of physical parameters, data collection, and analysis and interpretation of data are emphasized in experiments involving dynamic mechanical systems with requisite understanding at the senior level of mechanical engineering.

EML 4304L-Fluid Mechanics Lab 1

Prerequisites: *EML 3100 and EML 3015. Corequisite: EML 4140.* This laboratory course is designed to provide insight and experience into the fundamental principles taught in core thermal science lecture courses. These principles include internal and external viscous flow, pump parameters and sizing, choked flow analysis, and heat exchanger analysis.

EML 4312-Model/Analysis Dynamic Systems 3

Prerequisites: *EGN 3203 and EGN 3321.* 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.

EML 4313-Control of Machinery 3

Prerequisite: *EML 4312.* 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.

EML 4320C-Integrated Design and Manufacturing 4

Prerequisites: *EGN 3321 and EGN 3331.* 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.

EML 4414-Heat Power Engineering 3

Prerequisites: *EML 3100, EML 3015 and EML 4140.* In this course an application of the principles of Thermodynamics and transport phenomena to the analysis of thermal power systems will be presented.

EML 4500-Finite Element Modeling and Analysis 3

Prerequisites: *EGN 3331 and EGN 3203.* 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.

EML 4501-Machine Design 3

Prerequisite: *EGN 3331.* 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.

EML 4544-Materials and Handling I 3

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.

EML 4551-Senior Capstone Design I 1

Prerequisites: *Senior standing and consent of department.* This course is the first part of a two-semester design project. Students select partners, select an advisor, define the problem statement of their design project, and develop a plan of implementation and solution. Finally, students submit a preliminary report and give an oral presentation about the projects.

EML 4552-Senior Capstone Design II 3

Prerequisite: *EML 4551.* This course is the second part of a two-semester design project. Students are to proceed with the design project according to the plan developed in EML 4551. 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 their final design.

EML 4554-Project Engineering II 3

Prerequisite: *EML 3553.* This course is the second of a two-course sequence in project engineering. The second course further develops project engineering methodologies including organizational structure, work breakdown structure, resource allocation and management, project costs, risk analysis, scheduling, life-cycle cost modeling and project control.

EML 4601-HVAC Systems 3

Prerequisites: *EML 3100, EML 3015 and EML 4140.* In this course the design and analysis of heating, ventilation, and air conditioning systems in a wide variety of applications will be studied.

EML 4622-Clean and Renewable Energy Technology 3

Prerequisite: *EML 3100. Corequisites: EML 3015 and EML 4140.* 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.

EML 4804-Mechatronics 3

Prerequisites: *EML 4312 and EEL 3003.* Computer integration of electro-mechanical systems is studied. Actuators, sensors, interfacing, computer hardware and software components are studied at the component level from which integrated design and control hands-on projects in mechatronics systems are implemented.

EML 4806-Robotics Engineering I 3

Prerequisite: *EML 3321.* Students will study robot manipulator kinematics, dynamics, and control. Topics are augmented using computer graphics tools and laboratory experiments with robot manipulators.

EML 4905-Directed Individual Study v. 1-3

Prerequisites: *Approval by sponsoring professor and director of engineering.* 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.

EML 4930-Special Topics in Mech Engineering v. 1-3

Prerequisites: *Senior standing and consent of instructor or department.* 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.

EML 4949-Co-Op Work Experience v. 0-1

Students will participate in practical co-op engineering work under industrial supervision. Students may repeat this course for credit, up to a total of three semester hours.

College of Education and Human Services

Larry G. Daniel, Dean & Professor
Marsha H. Lupi, Associate Dean & Associate Professor
(904) 620-2520

The College of Education and Human Services has long valued its role in the preparation of school and human services professionals. The ever-broadening, increasingly diverse needs of society, however, have created a continuing demand for educators and other professionals who are equipped to make an impact on the children and adults with whom they work. To help meet this demand, the college continues to expand its programs. Students may now choose from career paths in general or special education with teaching options in school settings from pre-Kindergarten through secondary. The college also has degree options for individuals interested in careers in sport management and sign language interpreting.

The college envisions its faculty and students as active leaders and responsive partners in the study and enhancement of teaching and learning within diverse learning communities. In the same vein, the college's mission is to prepare and renew professionals who are equipped to live in pluralistic societies, capable of creating learning communities that 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.

Consistent with its commitment to the accountability of program graduates, the college requires all students pursuing degrees leading to teacher certification to

complete a series of "critical performance tasks." These tasks, which are embedded within the coursework in each academic program, assure that program graduates possess the knowledge, skills and dispositions needed to be competent as an educator in the state of Florida. Records of student performance on critical tasks are maintained by the college and reviewed regularly by faculty, advisors and administrators when making important decisions about students' progression through their programs of study.

In accordance with the federal Higher Education Act (HEA), the College of Education and Human Services keeps annual records of the success of teacher education candidates on a series of state assessments known as the Florida Teacher Certification Examination (FTCE). HEA provisions require that these data, along with the institution's ranking among the other institutions with teacher education programs in the state, be made available in institutional catalogs. For the year 2006 reporting period, 100 percent of UNF students who completed the teacher education program obtained passing scores on the general knowledge portion of the FTCE. Pass rates on the professional knowledge and subject area portions of the FTCE were 100 percent and 100 percent, respectively.

Academic Advisement

The Office of Academic Advising provides individualized academic advisement to all students in the college. During the initial advising conference, the advisor will help the



student (1) select the major which will lead the student to achieving career goals, (2) evaluate the student's lower-division course work to determine whether prerequisites for the major have been met, (3) plan a tentative program of study for the student to follow which will lead to graduation in the desired major, and (4) provide the student with a written copy of this tentative program. The tentative program will be finalized when the student is fully admitted to the college.

Students are encouraged to visit the Office of Academic Advising to meet with an academic advisor as early as possible so that a program of study may be prepared. This will provide students with a well-defined set of program requirements and enable them to progress in an efficient manner toward the completion of a degree. The Office of Academic Advising is located in Frederick H. Schultz Hall, Bldg. 9/Room 2305, (904) 620-2530.*

* *Academic advisement is provided to all students in the college. Students' failure to seek advisement has historically resulted in scheduling problems, incomplete certification requirements, and delayed program completion. The college cannot be responsible for problems due to students' failure to consult with advisors.*

Office of Educational Field Experiences

All undergraduate programs in the College of Education and Human Services involve a field-based learning experience. The Office of Educational Field Experiences coordinates and administers the continuum of clinical experiences for undergraduate teacher education students in the College of Education and Human Services. The Office of Educational Field Experiences is housed in Frederick H. Schultz Hall, Bldg. 9/Room 2401, (904) 620-3934.

All students enrolled in College of Education and Human Services courses that require field or clinical contact credits or courses that are taught at a school site or require the student to complete work at a school are mandated by state law to be fingerprinted and cleared prior to being permitted on elementary and secondary school campuses. Students should be aware that noncompliance with fingerprinting requirements will result in the inability to complete course requirements. Contact the Office of Educational Field Experiences for information regarding fingerprinting procedures.

Students participating in teaching internships must submit an application for internship no later than the fourth Friday of the semester preceding the semester of internship (excluding summer terms). The college reviews each semester all internship applications to assure the student has met all requirements for interning, including:

1. current status as a student in good academic standing;
2. completion of all lower division general education and prerequisite courses with grades of "C" or higher;

3. completion of all college and program required courses with grades of "C" or higher;
4. successful completion of all specified critical tasks for the given major;
5. completion of mandatory criminal background checks and official fingerprinting in consonance with the policies of local school districts and state mandates.

All student-teaching internships are considered **full-time experiences**. Students must adhere to the professional work credits expected of all teachers in the schools in which internship experiences are held.

Applications for pre-internship field classes, namely, Field Laboratory I (EDF 3945) and Field Laboratory II (EDF 3946) are completed under the supervision of UNF faculty during the first day of those classes. Pre-interns must complete a mandatory criminal background check and official fingerprinting as required by the policies of local school districts and state mandates.

Probation/Suspension

An admitted undergraduate education major who fails to earn a cumulative or term average of 2.5 after completing a cumulative total of 15 or more credits will be placed on academic probation and referred to an academic advisor. Academic probation is a warning. If both the term and cumulative GPA fall below 2.5 during the next term of enrollment, the student will be eligible for suspension. If suspended, the student will be dropped from any courses for which he/she is currently registered and denied the opportunity to re-enroll. The student should contact the Office of Academic Advising located in Frederick H. Schultz Hall, Bldg. 9/Room 2305, (904) 620-2530.

Bachelor's Degree Programs

Teacher education programs leading to the bachelor of arts in education degree have as their primary objective the preparation of educators with broad foundations and observable, measurable competencies and practices that contribute to their personal and professional growth. These competencies and practices assist learners to realize their full potential in ways which are meaningful and satisfying and which lead to effective participation as members of society. Educators must:

1. Utilize a systems approach. This means they continually test and evaluate whether they are accomplishing their instructional goals. They base their educational activities on learning principles which can be supported by research, by feedback evidence from students, and by scholarly consensus. This consensus must be in harmony with the goals of the school and the needs of society.
2. Relate to students in a manner consistent with a democratic philosophy of life.
3. Make an effective, constructive, and reasoned

contribution to their profession and the society in which they live.

4. Adhere to the highest standards of academic integrity and professionalism. This includes following the University Academic Integrity Code and the professional code of conduct in the College. Under the Academic Integrity Code, when misconduct is uncovered, the instructor may take one or more actions including recommending dismissal from the program.

Undergraduate Core

Students enrolled in the College of Education and Human Services education degree programs must complete an undergraduate core curriculum, including two semester-long field laboratory courses. The undergraduate core for teacher preparation programs is designed to provide students with knowledge and skills and professional practices essential for all educational personnel and fulfill Florida Department of Education certification requirements. The undergraduate core builds teacher knowledge and skills in the following areas: learning theories, curriculum, methods, classroom management, communication, and assessment.

Core courses for teacher preparation programs:*

EDF 3151	Nature of the Learner	3 credits
EDG 3323	The Learning Process	3 credits
EDF 4327	Assessment of Learning & Behavior	3 credits
EDG 4410	Classroom Management & Communication	3 credits
EDF 3945	Field Laboratory Experience I**	2 credits
EDF 3946	Field Laboratory Experience II**	2 credits
EEX 3202	The Psychology and Sociology of the Exceptional Learner	3 credits

***Note:** Not all teacher preparation programs require all courses in this list; however, all core course objectives are addressed in all programs either via core course work or other components of the program of study.

** Field Laboratory Experience I must be successfully completed prior to enrolling in Field Laboratory Experience II. Field Laboratory Experience II is taken concurrently with specified methods courses. Field Laboratory Experience I and II have a 50-hour clinical component. **Fingerprinting and background checks are required prior to placement.**

Majors

The College of Education and Human Services offers majors in elementary education (K-6); pre-kindergarten through primary grades (age 3 through grade 3); K-12 physical education; middle school mathematics/science education; sport management; K-12 programs in art and music; secondary specializations in selected majors in collaboration with the College of Arts and Sciences; and

exceptional student education including deaf education and sign language interpreting.

Admission Requirements

Applicants must meet minimum requirements for admission to undergraduate programs as established by the state of Florida rule and the University of North Florida policy.

All programs presuppose that students have sufficient academic background to pursue the professional courses provided in the College of Education and Human Services. For specific requirements refer to programs of study for each major.

Special Requirements for Admission to Bachelor of Arts in Education Programs

The Florida State Board of Education requires that applicants for undergraduate teacher education programs meet one of the two admissions requirements stated below:

The following are the two categories of admission criteria by which students will be directly admitted into all undergraduate teacher education programs in the College of Education and Human Services:

- 1 Students who have earned a minimum of 60 credits or who earned an associate of arts. degree and have a cumulative GPA of 2.5 or better and have passing scores on all four parts of the CLAST exam or corresponding components of the General Knowledge Test or the Praxis I: Pre-Professional Skills Tests.*
- 2 Students who have completed a bachelor's degree from a regionally accredited institution with a minimum GPA of 2.5 and have passing scores on all four part of the CLAST exam or corresponding components of the General Knowledge Test or the Praxis I: Pre-Professional Skills Tests.*

* *All teacher education majors entering the College of Education and Human Services must have passing scores on all four parts of the College Level Academic Skills Test (CLAST) or a passing score on the corresponding components of the General Knowledge Test or Praxis*

1. *Having CLAST exemptions alone does not waive this entrance requirement to the College of Education and Human Services. Students with passing scores on the General Knowledge Test or the Praxis I must also pass or exempt the corresponding components of CLAST. Passing the General Knowledge Test is also a graduation requirement.*

Transferring students, students changing majors, or students who have not presented passing scores on all parts of the CLAST or General Knowledge (GK) exam will be permitted to earn up to 14 credits of upper level education course work during which time they must satisfy this requirement as a tentatively admitted student. Students who have earned 14 credits of upper level education course work and have not presented passing

scores on all parts of the CLAST or GK tests will be blocked from further registration until such scores are received.

Students not meeting the minimum GPA admissions requirements for the College of Education and Human Services may apply for admission under the college's Exceptions Policy.

Students not meeting the College of Education and Human Services' admissions criteria after being tentatively admitted will be changed to a non-degree seeking student status. This tentative admission exception is not applicable to students with fewer than 60 transferable credits of undergraduate credit.

An official copy of the appropriate scores must be sent to the Office of Admissions.

Additional information regarding admission and admission by exception is available from the Office of Academic Advising, (904) 620-2530.

Graduation Requirements

Requirements for the Bachelor of Arts in Education degree are as follows:

1. Completion of the minimum number of credits required by the particular program of study, of which at least 48 credits are earned at the upper-level.
2. Completion of the last 30 upper-level credits in the degree program in residence at UNF.
3. Completion of all field experience and internship requirements.
4. Successful completion of all critical task assignments for the given major.
5. Satisfactory completion of the General Knowledge, Professional Education, and Subject Area Components of the Florida Teacher Certification Exam (FTCE).^{*} It is strongly recommended that students arrange to take these exams in the semester prior to the semester in which they plan to enroll in their student teaching internship. Internship cannot be completed without successful completion of all parts of the FTCE.
6. Grades lower than "C" at either the lower division or upper division level will not be applied toward the completion of the degree requirements.
7. Students progressing toward a Bachelor of Arts in Education degree are required to maintain a minimum overall GPA of 2.5.
8. Students seeking a Bachelor of Arts in Education degree shall have attained an overall GPA of 2.5 or better.

^{*} *Not applicable for students in programs not leading to certification in teaching. A student in a teacher education program who fails to meet the FTCE requirement will not complete internship nor be eligible to graduate. In addition, successful completion of one or more courses within the program of study may be linked to receipt of passing scores on the three components of the FTCE.*

Teaching Certification

Students who complete undergraduate teacher education programs in the College of Education and Human Services

and who are eligible for certification endorsement meet academic, field/clinical experience, and professional testing requirements for a state of Florida teaching certificate in their specializations.

Directed Independent Studies

The intent of an independent study is to allow a student to pursue a selected topic in greater depth under the direction of a College of Education and Human Services faculty member. Regularly offered courses typically involve classroom interaction and for this reason are not offered as independent studies. Students who qualify for an independent study or need additional information should contact the individual professor. Independent study courses are not available for students enrolled in the pre-kindergarten/primary concentration of elementary education.

Field/Clinical Experiences

The College of Education and Human Services is committed to providing teacher education students with a wide variety of field-based, clinical experiences. Because of this commitment, all teacher education students will participate in at least one urban field experience in the Duval County Public Schools.

All students enrolled in College of Education and Human Services courses that require a field or clinical component are taught at a school site or require the student to complete work at a school are mandated by state law to be fingerprinted and cleared prior to being permitted on elementary and secondary school campuses. Students should be aware that noncompliance with fingerprinting requirements will result in the inability to complete course requirements. Contact the Office of Educational Field Experiences for information regarding fingerprinting procedures.

Pre-internship

Pre-internship field experiences are required as part of the College's core for all undergraduate teacher education students or certification students seeking to complete an internship experience. These pre-internship field experiences are organized into two semester-hour courses, Field I and Field II. Prerequisite and/or corequisite courses must be completed prior to or along with Field I and Field II in all programs of study. Students should consult with an advisor to assure that prerequisites are satisfied when enrolling in Field I or Field II. Field I must precede Field II, and the two field courses may not be taken in the same semester. Both pre-internship field courses must be successfully completed with a grade of "C" or better prior to internship. Each course is conducted as an inquiry-oriented seminar designed around common problems faced by beginning teachers, and all course experiences and assignments are linked to the Florida Educator

Accomplished Practices. The courses link theory and practice through the development of a teaching portfolio needed for internship. Each course requires the students to participate in a 50-hour field component. Students should meet with their advisor to plan the semester in which to enroll in each pre-internship field course.

It is the responsibility of students enrolling in these courses to apply for field experience placement during the first week of classes, in addition to the completion of formal course enrollment. Students will be assigned to a school site by the Director of Educational Field Experiences. **Placement assignments are final and may not be changed. All students must meet the fingerprinting and background check requirements.**

Internship

Teacher education students seeking a Bachelor of Arts in Education degree in the College of Education and Human Services must complete an internship as a college requirement. A 2.5 GPA, as well as completion of all prerequisites, program requirements, and critical tasks, is required to enroll in internship. The student should consult the Office of Academic Advising regarding clearance for internship. Interns are assigned to public schools in UNF's service region to make program supervision possible. Placing an intern requires advanced planning by the College of Education and Human Services and the public schools. For this reason, **it is the student's responsibility to see that application for internship is filed by the fourth Friday of the semester prior to the semester of enrollment for internship (excluding the summer terms).*** **Placement assignments are final and may not be changed.**

Because of the heavy responsibilities and commitment involved in internship, **a student is not permitted to enroll in any additional courses during the internship period.** Any exceptions to this rule must be initiated at the time of application through the director of educational field experiences and approved by the appropriate department chair and the dean.

Successful completion of internship requires fulfillment of all field-based experiences as specified in the College of Education and Human Services "Internship Handbook," including submission of a professional portfolio constructed according to the specified guidelines and in compliance with the Florida Educator Accomplished Practices for pre-professional educators. **An additional requirement of internship is the successful completion of all parts of the Florida Teacher Certification Exam.**

General Education and College Prerequisites:

The Florida Board of Education has established general education requirements applicable to all students enrolled in undergraduate programs leading to teacher certification. These requirements are more substantial than the University's general education requirement, and exact courses vary by program of study. Students should consult with an advisor to assure compliance with these requirements.**

All teacher education majors will also be required to complete the following college prerequisites prior to admission:

Introduction to Education (EDG 1005)***	3 credits
Teaching Diverse Populations (EDG 2701)***	3 credits
Intro to Educational Technologies (EME 2040)	3 credits

* *Internship is not offered in the summer term. Fall term applicants must apply for internship by the 4th week of the previous spring term.*

** *A grade of "C" or better must be obtained in all lower division and prerequisite courses required by the College of Education and Human Services.*

*** *Introduction to Education and Teaching Diverse Populations each require 18 credits of field experience. Fingerprinting clearance is required.*

Professional Education Minor

UNF students may select the Professional Education Minor offered by the College of Education and Human Services to satisfy the University minor requirements. The Professional Education Minor meets the minimum professional education requirements for alternative teacher certification in Florida. Students are not permitted any grade lower than a "C" and may not have a cumulative grade point average of less than 2.5 in their education coursework. A two-credit, 50-hour field experience in an approved school is included in the minor requirements. **Students must complete a background check and fingerprinting prior to beginning field experience course work.** Students should consult with an advisor in the College of Education and Human Services to obtain information about teacher certification in Florida.

Teacher-Certification-Only

Students who have completed a bachelor's degree in a non-education field of study may pursue teacher certification through "Teacher-Certification-Only" (TCO) studies. All TCO coursework must be taken at the graduate level (i.e., 5000 or 6000 level courses) unless graduate-level courses are not offered. TCO does not lead to the awarding of a degree or certificate. Students interested in TCO should contact the College's Office of Academic Advising.

Department of Childhood Education

Ronghua Ouyang, Ph.D, Chairperson & Professor

Wanda Hedrick, Professor

Janet E. Bosnick, Associate Professor

Jin-Suk Byun, Assistant Professor

Candice Carter, Associate Professor

Nile V. Stanley, Associate Professor

Jacqueline J. Batey, Assistant Professor, Program

Leader: Pre-K/Primary Education

Katrina Hall, Assistant Professor, Program Area

Leader: Elementary Education

Christine Weber, Assistant Professor

Lunetta M. Williams, Assistant Professor

Anne Jagnow, Instructor

Crystal Timmons, Instructor

Tumika Mondy, Clinical Instructor

Denise Cihlar, Clinical Instructor

Linda Dacks, Resident Clinical Faculty

Sharon Joca, Clinical Instructor

Christie Stevenson, Resident Clinical Faculty

Kathleen Witsell, Resident Clinical Faculty

(904) 620-2610

Purpose and Programs

The Department of Childhood Education's mission is to increase the pool of knowledgeable teachers and related professionals who are effective in creatively meeting the needs of pre-kindergarten through sixth-grade children in a range of school settings including a focus on working in urban schools. The department is committed to developing professional educators who are guided by rigorous standards-based curriculum, and who are innovative, technologically savvy, reflective, ethical, and culturally responsive. The department prides itself in working closely with its public school partners to provide pre-service teachers with supervised field experiences which offer opportunities for authentic learning, problem solving, research and service.

The Department of Childhood Education offers undergraduate programs in the following areas:

Elementary Education, with majors in:

Pre-Kindergarten - Primary Education (age 3 - grade 3)

Elementary (grades K - 6)

The department has as its objectives the development of specified competencies needed for effective classroom performance. Laboratory and field 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.

While the Department of Childhood Education has formulated specific lists of prerequisite courses, all students are expected to be able to demonstrate basic skills in communication throughout the program. In addition to this, elementary majors will be expected to demonstrate basic skills in mathematics, science, and social sciences within appropriate parts of the program. Further, students are expected to demonstrate behaviors and dispositions commensurate with established standards for professional educators, including the Florida Educator Accomplished Practices.

Persons seeking certification to teach in schools should follow the prescribed admission requirements for the College of Education and Human Services. A grade of "C" or better is required of all upper-and lower-level courses in order for those courses to be applicable to the program of study or used as prerequisites.

The State of Florida mandates certification requirements for teachers. **Students should see their advisors frequently to obtain appropriate advisement for current certification requirements.**

Major: Pre-Kindergarten/Primary Degree: Bachelor of Arts in Education

Prerequisites (9 credits)

Grade of "C" or higher required

EDF 1005	3	Introduction to Education
EDG 2701	3	Teaching Diverse Populations
EME 2040	3	Intro to Ed Technologies

(6 credits)

Select six semesters credits 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 60 credits.

Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123	(FC) Pol/Soc of Britain & Ireland
CPO 4034	Third World Politics
ECO 3703	International Trade
ECO 4504	Public Finance
ECO 4723	International Monetary System
FIN 4604	International Finance
GEO 2420	CD-Cultural Geography
HSC 4141	Etiology: Addiction
HSC 4160	Human Dev Health Beh Adc
HSC 4563	Dimens: Health Older Adult
MAR 4156	International Marketing
MUH 2018	Evolution of Jazz
MUH 3055	(FC) Afr Am Mus Heritage
PET 4640	Adapted Phys Educ
PHH 3100	Ancient Philosophy
PHH 3120	(FC) Greek Experience

- PHH 3400 Modern Philosophy
 - PHH 3500 19th Century Philosophy
 - PHH 3811 Philosophy/Zen Buddhism
 - PHH 4601 20th Century Cont Philosophy
 - PHH 3860 (FC) Japanese Mind
 - REL 2300 CD-Comparative Religion
 - REL 3145 Woman Relg Wst Exper
 - REL 3213 Hebrew Bible/Old Testament
 - REL 3310 Asian Religions
 - REL 3330 Religions of India
 - REL 3443 Liberation Theology
 - SOP 3742 CD-Pysch of Women
 - SYD 3700 CD-Race/Cult Minority
- or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH
3470, ARH 3930, ARH 4710, ARH 4724, ARH
4800 and INR 4334.

Core Requirements (25 credits)

- EDF 3151 3 Nature of The Learner
- EDF 4327 3 Assessment of Learn/Behavior
- EDG 4410 3 Classroom Management Communication
Clinical
- EDF 3945 2-4 Field Laboratory I
- EDF 3946 2-4 Field Laboratory II
- EDE 4943 12 Practicum II: Student Intern

Major Requirements (41 credits)

- EEC 3408 3 Family School Partnerships
- EEC 3731 2 Hea Nutr/Sfty For The Youg Chd
- EEC 4207 3 Meas/Ev/Plan Early Child Lit
- EEC 4209 6 Music Art Movement
- EEC 4210 6 Math Sci Soc Studies For Primary
- EEC 4213 6 Teaching Begin Read And Write
- EEC 4260 3 Dev Pre-Kinder Prm Tch
- EEX 4200 3 Pre-K/Prim Child Exceptional
- LAE 3210 3 Foundations Of Literacy
- TSL 3550 3 Principles And Issues In Tesol
- TSL 4340 3 Tesol Methods And Curriculum

**Major: Elementary Education
Concentration: Elementary Education (K-6)
Degree: Bachelor of Arts in Education**

Prerequisites (9 credits)

- Grade of "C" or higher required
- EDF 1005 3 Introduction to Education
 - EDG 2701 3 Teaching Diverse Populations
 - EME 2040 3 Introduction to Ed Technologies

(6 credits)

Select six semesters credits 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 60 credits. Foreign language courses may be used to meet this requirement.

- Select six credits from the following:
- CPO 3123 (FC) Pol/Soc of Britain & Ireland
 - CPO 4034 Third World Politics
 - ECO 3703 International Trade
 - ECO 4504 Public Finance
 - ECO 4723 International Monetary System
 - FIN 4604 International Finance
 - GEO 2420 CD-Cultural Geography
 - HSC 4141 Etiology: Addiction
 - HSC 4160 Human Dev Health Beh Adc
 - HSC 4563 Dimens: Health Older Adu
 - MAR 4156 International Marketing
 - MUH 2018 Evolution of Jazz
 - MUH 3055 (FC) Afr Am Mus Heritage
 - PET 4640 Adapted Phys Educ
 - PHH 3100 Ancient Philosophy
 - PHH 3120 (FC) Greek Experience
 - PHH 3400 Modern Philosophy
 - PHH 3500 19th Century Philosophy
 - PHH 3811 Philosophy/Zen Buddhism
 - PHH 4601 20th Century Cont Philosophy
 - PHH 3860 (FC) Japanese Mind
 - REL 2300 CD-Comparative Religion
 - REL 3145 Woman Relg Wst Exper
 - REL 3213 Hebrew Bible/Old Testament
 - REL 3310 Asian Religions
 - REL 3330 Religions of India
 - REL 3443 Liberation Theology
 - SOP 3742 CD-Pysch of Women
 - SYD 3700 CD-Race/Cult Minority
- or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH
3470, ARH 3930, ARH 4710, ARH 4724, ARH
4800 and INR 4334.

Core Requirements (25 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internship are due the fourth Friday of the previous fall term.

- EDF 3151 3 Nature Of The Learner
- EDF 4327 3 Assessment of Learn/Behavior
- EDG 4410 3 Classroom Management Commun
Clinical
- EDF 3945 2 -4 Field Laboratory I
- EDF 3946 2 -4 Field Laboratory II
- EDE 4943 12 Practicum II: Student Intern

Major Requirements (41 credits)

- ARE 4313 3 Art Methods: Elementary Teach
- EDG 3324 3 Methods of Conceptual Teaching
- HSC 3301 3 Health/Movmt Edu in Elem Sch
- LAE 3210 3 Foundations of Literacy
- LAE 3211 6 Methods/Resources Lit Develop
- LAE 4312 3 Meas, Eval And Plan Lit Develop
- MAE 3312 4 Math Methods For Elem Teachers
- MUE 4210 3 Music Meth For Elem Teachers

SCE 3310	3	Science Methods: Elem Teachers
SSE 3313	4	Social Study Methods: Elem Tchr
TSL 3550	3	Principles And Issues In Tesol
TSL 4340	3	Tesol Methods And Curriculum

K-12 Programs:
 Art Education
 Music Education
 Physical Education

Department of Foundations & Secondary Education

Jeffrey W Cornett, Chairperson & Professor
Marianne B. Barnes, Professor
Phillip S. Riner, Professor
Allan N. Sander, Professor
G. Pritchey Smith, Professor
Royal Van Horn, Professor
Richard H. Chant, Associate Professor & Program Leader Middle/Secondary
Otilia Salmon, Associate Professor
Michael Smith, Associate Professor & Program Leader Foundations
Cassandra Z. Etgeton, Assistant Professor
Wanda Lastrapes, Assistant Professor
Meiko Negishi, Assistant Professor
Frederick Nelson, Instructor
Jenifer Thorn, Instructor
 (904) 620-2610

Purpose and Programs

The purpose of the undergraduate programs in the Department of Foundations and Secondary Education is to carry out the goals of the College of Education and Human Services as they specifically relate to the preparation of teachers for K-12 and of professionals in other related fields.

Teacher education programs in the department prepare teachers who can respond creatively to the needs of students from diverse backgrounds in the process of promoting their learning. The programs enable pre-service teachers to demonstrate research-based pedagogical practices, to expand their content knowledge in order to help students meet the challenges of the 21st century, to use educational technologies thoughtfully, and to appreciate the role of critical thinking in education.

The Department of Foundations and Secondary Education offers undergraduate programs in the following areas:

Middle School Education, with a concentration in:
 Mathematics/Science (5-9)

Secondary Education, with majors in:

- Biology
- Chemistry
- English
- Mathematics
- Physics
- Social Studies

The department has as its objectives the development of specified competencies needed for effective classroom performance. Laboratory and field 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 division faculty will be those methods the students are expected to learn.

While the department has formulated specific lists of prerequisite courses, all students are expected to be able to demonstrate basic skills in communication throughout the program. Further, students are expected to demonstrate behaviors and attitudes commensurate with established standards for professional educators, including the Florida Educator Accomplished Practices.

Persons seeking certification to teach in schools should follow the prescribed admission requirements for the College of Education and Human Services. A grade of "C" or better is required of all upper- and lower-level courses in order for those courses to be applicable to the program of study or used as prerequisites.

The state of Florida mandates certification requirements for teachers. **Students should see their advisors frequently to obtain appropriate advisement for current certification requirements.**

Major: Art Education

Concentration: Art Education (K-12)

Degree: Bachelor of Arts in Education

Prerequisites (36 credits)

Education Prerequisites:

All education majors must complete the following three prerequisite courses:

- EDF 1005 Intro to Education
- EDG 2701 Teaching Diverse Populations
- EME 2040 Intro to Educational Technologies
- Acceptable substitutes: ARE 4931 or ART 3930 preferred

Art Prerequisites:

- ART 1300C Drawing I
- ART 1201C Two-Dimensional Design
- ART 2050 Art History Survey I
- ART 2301C Drawing II
- Acceptable substitutes: ARH 3001
- ART 2203C Three Dimensional Design
- Acceptable substitutes: ART X201
- ART 2500C Painting Fundamentals
- Acceptable substitute: ART X510, ART X400, ART

X4XX, ART X1XX, ART X110, ART X470
ARH 2051 Art History Survey II

Select two Studio Art courses with the ART subject code

(6 credits)

Select six semesters credits 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 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123 (FC)Pol/Soc of Britain & Ireland
CPO 4034 Third World Politics
ECO 3703 International Trade
ECO 4504 Public Finance
ECO 4723 International Monetary System
FIN 4604 International Finance
GEO 2420 CD-Cultural Geography
HSC 4141 Etiology: Addiction
HSC 4160 Human Dev Health Beh Adc
HSC 4563 Dimens: Hlth Older Adu
MAR 4156 International Marketing
MUH 2018 Evolution of Jazz
MUH 3055 (FC) Afr Am Mus Heritage
PET 4640 Adapted Phys Educ
PHH 3100 Ancient Philosophy
PHH 3120 (FC) Greek Experience
PHH 3400 Modern Philosophy
PHH 3500 19th Century Philosophy
PHH 3811 Philosophy/Zen Buddhism
PHH 4601 20th Century Cont Philosophy
PHH 3860 (FC) Japanese Mind
REL 2300 CD-Comparative Religion
REL 3145 Woman Relg Wst Exper
REL 3213 Hebrew Bible/Old Testament
REL 3310 Asian Religions
REL 3330 Religions of India
REL 3443 Liberation Theology
SOP 3742 CD-Pysch of Women
SYD 3700 CD-Race/Cult Minority

or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/EEX/
EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/JPN/LAS/
SPN/SPT/SPW

except ARH 3423, ARH 3470, ARH 3930, ARH 4710,
ARH 4724, ARH 4800 and INR 4334.

Core Requirements (28 credits)

EDF 3151 3 Nature Of The Learner
EDF 4327 3 Assessment of Learn/Behavior
EDG 4410 3 Classroom Management Commun
RED 3333 3 Reading Method Second Teachers
Clinical
EDF 3945 2-4 Field Laboratory I
EDF 3946 2-4 Field Laboratory II

Select one from the following list:

ESE 4943 Student Internship
EDE 4943 Practicum II: Student Internship

Major Requirements (25 credits)

ARE 4353 4 Art Methods K-12
ARH 4800 3 Aesthetics of Art
ART 2XXXC 1 Introduction to Printmaking
ART 3504C 3 Painting Studio
ART 3707C 3 Sculpture I
ART 3786C 3 Ceramics
ART 4965C 3 Fine Arts Portfolio
PGY 2401C 3 Black And White Photography

**Major: Middle School Education
Concentration: Math/Science Option
Degree: Bachelor of Arts in Education**

Prerequisites (31 credits)

EDF 1005 3 Introduction to Education
EDG 2701 3 Teaching Diverse Populations
EME 2040 3 Intro to Ed Technologies
MAC 1147 4 G(M) Precalculus
Completing a combination of MAC 1105
College Algebra and MAC 1114 Trigonometry
equals Precalculus.
MAC 2311 4 G(M) Calculus I
STA 2014 3 G(M)Elem Statistics-Health/SS
Other acceptable statistics courses may be approved
by your advisor including STA X023.
ESC 2000C 3 Earth Science
or any approved Geology course.
BSC 1010C 4 General Biology I
Select chemistry or physics
Select either:
CHM 2045C General Chemistry or
PHY 2053 Algebra Based Physics and
PHY 2053L Algebra Based Physics Lab
or other chemistry or physics course approved by an
advisor.

(6 credits)

Select six semesters credits 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 60 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123 (FC) Pol/Soc of Britain & Ireland
CPO 4034 Third World Politics
ECO 3703 International Trade
ECO 4504 Public Finance
ECO 4723 International Monetary System
FIN 4604 International Finance
GEO 2420 CD-Cultural Geography
HSC 4141 Etiology: Addiction
HSC 4160 Human Dev Health Beh Adc

HSC 4563 Dimens: Hlth Older Adu
 MAR 4156 International Marketing
 MUH 2018 Evolution of Jazz
 MUH 3055 (FC) Afr Am Mus Heritage
 PET 4640 Adapted Phys Educ
 PHH 3100 Ancient Philosophy
 PHH 3120 (FC) Greek Experience
 PHH 3400 Modern Philosophy
 PHH 3500 19th Century Philosophy
 PHH 3811 Philosophy/Zen Buddhism
 PHH 4601 20th Century Cont Philosophy
 PHH 3860 (FC) Japanese Mind
 REL 2300 CD-Comparative Religion
 REL 3145 Woman Relg Wst Exper
 REL 3213 Hebrew Bible/Old Testament
 REL 3310 Asian Religions
 REL 3330 Religions of India
 REL 3443 Liberation Theology
 SOP 3742 CD-Pysch of Women
 SYD 3700 CD-Race/Cult Minority
 or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
 EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
 JPN/LAS/SPN/SPT/SPW
 except ARH 3423, ARH 3470, ARH 3930, ARH
 4710, ARH 4724, ARH 4800 and INR 4334.

Core Requirements (28 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internship are due the fourth Friday of the previous fall term.

EDF 3151 3 Nature of The Learner
 EDF 4327 3 Assessment of Learn/Behavior
 EDG 3323 3 The Learning Process
 EDG 4410 3 Classroom Management Commun
 Clinical
 EDF 3945 2-4 Field Laboratory I
 EDF 3946 2-4 Field Laboratory II
 ESE 4943 0-12 Student Internship

Major Requirements (32 credits)

EDG 4205 3 Middle School Phil/Curr
 EEX 3251 3 Develop Skills/Math Problems
 MAE 4320 3 Spec Method: Middle Grade Math
 MTG 3203 3 G(M) Gtry Middle School Teacher
 PHI 4400 3 The Philosophy of Science
 RED 3333 3 Reading Method Second Teachers
 SCE 4320 3 Special Methods: Mid Science

Select one chemistry or physics w/lab
 Select additional math
 Select one P.E. class

Major: English Education

Concentration: English (6-12)

Degree: Bachelor of Arts in Education

Prerequisites (18 credits)

EDF 1005 3 Introduction to Education
 EDG 2701 3 Teaching Diverse Populations

EME 2040 3 Introduction to Ed Technologies
 SPC 2600 3 Public Speaking
 English Requirement:
 Select from the following prefixes:
 CRW/ENC
 Literature Requirement (one course)
 Select from the following prefixes:
 AML/CLT/ENL/LIT

(6 credits)

Select six semesters credits 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 60 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123 (FC) Pol/Soc of Britain & Ireland
 CPO 4034 Third World Politics
 ECO 3703 International Trade
 ECO 4504 Public Finance
 ECO 4723 International Monetary System
 FIN 4604 International Finance
 GEO 2420 CD-Cultural Geography
 HSC 4141 Etiology: Addiction
 HSC 4160 Human Dev Health Beh Adc
 HSC 4563 Dimens: Hlth Older Adu
 MAR 4156 International Marketing
 MUH 2018 Evolution of Jazz
 MUH 3055 (FC) Afr Am Mus Heritage
 PET 4640 Adapted Phys Educ
 PHH 3100 Ancient Philosophy
 PHH 3120 (FC) Greek Experience
 PHH 3400 Modern Philosophy
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 SOP 3742 CD-Pysch of Women
 SYD 3700 CD-Race/Cult Minority
 or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
 EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
 JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH
 3470, ARH 3930, ARH 4710, ARH 4724, ARH
 4800 and INR 4334.

Core Requirements (25 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internship are due the fourth Friday of the previous fall term.

EDF 3151 3 Nature of The Learner
 EDF 4327 3 Assessment of Learn/Behavior
 EDG 4410 3 Classroom Management Commun
 Clinical

EDF 3945 2-4 Field Laboratory I
 EDF 3946 2-4 Field Laboratory II
 ESE 4943 -12 Student Internship

Major Requirements (42 credits)

LAE 4335 3 Spec Method:Secondary English
 ENG 4013 3 Approach Lit Interpretate
 RED 3333 3 Reading Method Second Teachers
 AML 3621 3 G(W) Black American Literature
 LIT 3333 3 G(W) Adolescent Literature
 ENL 3333 3 Shakespeare
 ENC 3310 3 G(W) Writing Prose
 LIN 3010 3 Principles of Linguistics
 RED 3310 3 Reading Method Elem Teachers
 EEX 3250 3 Read Mthds:Learners Exception
 TSL 3550 3 Principles And Issues In Tesol
 TSL 4340 3 Tesol Methods & Curriculum
 TSL 4360 3 TESOL Meth & Curr for Sec Tchr

Select one from the following list:

AML 3102 G(W) American Fiction
 AML 3154 G(W) American Poetry
 ENG 4105 Film as Literature
 ENL 3112 G(W) British Novel I
 ENL 3132 G(W) British Novel II
 LIT 3043 G(W) Modern Contemporary Drama
 LIT 3331 G(W) Children's Literature
 LIT 4041 Study in Drama
 LIT 3045 Periods of Drama Literature

**Major: Math Education
 Concentration: Math (6-12)
 Degree: Bachelor of Arts in Education**

Prerequisites (24 credits)

A grade of "C" or better is required in all prerequisite coursework.

EDF 1005 3 Introduction to Education
 EDG 2701 3 Teaching Diverse Populations
 EME 2040 3 Intro to Ed Technologies

Math 12 credits of math required:

MAC 2311 Calculus I
 MAC 2312 Calculus II

Select four additional credits of math. Most students must take MAC1147 Precalculus before MAC2311 Calculus I. Precalculus can fulfill the four additional credits required.

(6 credits)

Select six semesters credits 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 60 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123 (FC) Pol/Soc of Britain & Ireland
 CPO 4034 Third World Politics
 ECO 3703 International Trade

ECO 4504 Public Finance
 ECO 4723 International Monetary System
 FIN 4604 International Finance
 GEO 2420 CD-Cultural Geography
 HSC 4141 Etiology: Addiction
 HSC 4160 Human Dev Health Beh Adc
 HSC 4563 Dimens: Hlth Older Adu
 MAR 4156 International Marketing
 MUH 2018 Evolution of Jazz
 MUH 3055 (FC) Afr Am Mus Heritage
 PET 4640 Adapted Phys Educ
 PHH 3100 Ancient Philosophy
 PHH 3120 (FC) Greek Experience
 PHH 3400 Modern Philosophy
 PHH 3500 19th Century Philosophy
 PHH 3811 Philosophy/Zen Buddhism
 PHH 4601 20th Century Cont Philosophy
 PHH 3860 (FC) Japanese Mind
 REL 2300 CD-Comparative Religion
 REL 3145 Woman Relg Wst Exper
 REL 3213 Hebrew Bible/Old Testament
 REL 3310 Asian Religions
 REL 3330 Religions of India
 REL 3443 Liberation Theology
 SOP 3742 CD-Pysch of Women
 SYD 3700 CD-Race/Cult Minority
 or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
 EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
 JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH
 3470, ARH 3930, ARH 4710, ARH 4724, ARH
 4800 and INR 4334.

Core Requirements (31 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internships are due the fourth Friday of the previous fall term.

EDF 3151 3 Nature of The Learner
 EDF 4327 3 Assessment of Learn/Behavior
 EDG 3323 3 The Learning Process
 EDG 4410 3 Classroom Management Commun
 RED 3333 3 Reading Method Second Teachers
 Clinical
 EDF 3945 2-4 Field Laboratory I
 EDF 3946 2-4 Field Laboratory II
 ESE 4943 1-12 Student Internship

Major Requirements (32 credits)

MAA 420 4 G(M) Mathematical Analysis
 MAC 2313 4 G(M) Calculus III
 MAE 4330 4 Spec Method: Secondary Math
 MAS 3105 4 G(M) Linear Algebra
 MAS 3203 3 G(M) Number Theory
 MHF 3202 3 G(M) Foundations of Mathematics
 MHF 3404 3 G(M) History of Mathematics
 MTG 3212 3 G(M) Modern Geometry
 STA 4321 4 G(M) Probability & Statistics

Major: Science Education**Concentration: Biology (6-12)****Degree: Bachelor of Arts in Education****Prerequisites (31 credits)**

EDF 1005	3	Introduction to Education
EDG 2701	3	Teaching Diverse Populations
EME 2040	3	Introduction to Ed Technologies
BSC 1010C	4	General Biology I
BSC 1011C	4	General Biology II

Select Chemistry or Physics

Select from the following Chemistry or Physics sequence:

CHM 2045C	4	General Chemistry I: and
CHM 2046C	4	General Chemistry II: or
PHY 2048	4	Calculus Physics I
PHY 2048L	1	Calculus Physics I Lab: and
PHY 2049	4	Calculus Physics II
PHY 2049	1	Calculus Physics II Lab

Additional Science Electives:

Take six credits of Science Electives from the following prefixes:

AST/BCH/BOT/BSC/CHM/CHS/ESC/MCB/PCB/PHY/
PHZ/PSC/ISC/ZOO

(6 credits)

Select six semesters credits 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 60 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123	(FC)	Pol/Soc of Britain & Ireland
CPO 4034		Third World Politics
ECO 3703		International Trade
ECO 4504		Public Finance
ECO 4723		International Monetary System
FIN 4604		International Finance
GEO 2420		CD-Cultural Geography
HSC 4141		Etiology: Addiction
HSC 4160		Human Dev Health Beh Adc
HSC 4563		Dimens: Hlth Older Adu
MAR 4156		International Marketing
MUH 2018		Evolution of Jazz
MUH 3055	(FC)	Afr Am Mus Heritage
PET 4640		Adapted Phys Educ
PHH 3100		Ancient Philosophy
PHH 3120	(FC)	Greek Experience
PHH 3400		Modern Philosophy
PHH 3500		19th Century Philosophy
PHH 3811		Philosophy/Zen Buddhism
PHH 4601		20th Century Cont Philosophy
PHH 3860	(FC)	Japanese Mind
REL 2300	CD-	Comparative Religion
REL 3145		Woman Relg Wst Exper

REL 3213		Hebrew Bible/Old Testament
REL 3310		Asian Religions
REL 3330		Religions of India
REL 3443		Liberation Theology
SOP 3742	CD-	Pysch of Women
SYD 3700	CD-	Race/Cult Minority
or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/ EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/ JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724, ARH 4800 and INR 4334.		

Core Requirements (28 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internship are due the fourth Friday of the previous fall term.

EDF 3151	3	Nature of The Learner
EDF 4327	3	Assessment of Learn/Behavior
EDG 3323	3	The Learning Process
EDG 4410	3	Classroom Management Commun Clinical
EDF 3945	2-4	Field Laboratory I
EDF 3946	2-4	Field Laboratory II
ESE 4943	1-12	Student Internship

Major Requirements (34 credits)

BSC 2020C	4	Human Biology
CHM 2210	3	Organic Chemistry I
CHM 2210L	1	Organic Chemistry I Laboratory
MCB 3020C	4	Microbial Biology
PCB 3023C	4	Molecular and Cell Biology
PCB 3043C	4	Principles of Ecology
PCB 3063C	4	Genetics
PHY 2053	3	Algebra-Based Physics I
PHY 2053L	1	Algebra-Based Physics I Lab
RED 3333	3	Reading Method Second Teachers
SCE 4330	3	Special Meth: Secondary Science

Major: Science Education**Concentration: Chemistry (6-12)****Degree: Bachelor of Arts in Education****Prerequisites (31 credits)**

EDF 1005	3	Introduction to Education
EDG 2701	3	Teaching Diverse Populations
EME 2040	3	Intro to Ed Technologies
CHM 2045C	4	General Chemistry I
CHM 2046C	4	General Chemistry II

Select eight credits of biology or physics with lab

BSC 1010C		General Biology I and
BSC 1011C		General Biology II or
PHY2048/2048L		Calculus Physics I w/Lab
and PHY 2049/2049L		Calculus Physics II w/Lab

Select six credits of science elective from:

AST/BCH/BOT/BSC/CHM/CHS/ESC/MCB/PCB/PHY/
PHZ/PSC/ISC/ZOO

(6 credits)

Select six semesters credits 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 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123	(FC) Pol/Soc of Britain & Ireland
CPO 4034	Third World Politics
ECO 3703	International Trade
ECO 4504	Public Finance
ECO 4723	International Monetary System
FIN 4604	International Finance
GEO 2420	CD-Cultural Geography
HSC 4141	Etiology: Addiction
HSC 4160	Human Dev Health Beh Adc
HSC 4563	Dimens: Hlth Older Adu
MAR 4156	International Marketing
MUH 2018	Evolution of Jazz
MUH 3055	(FC) Afr Am Mus Heritage
PET 4640	Adapted Phys Educ
PHH 3100	Ancient Philosophy
PHH 3120	(FC) Greek Experience
PHH 3400	Modern Philosophy
PHH 3500	19th Century Philosophy
PHH 3811	Philosophy/Zen Buddhism
PHH 4601	20th Century Cont Philosophy
PHH 3860	(FC) Japanese Mind
REL 2300	CD-Comparative Religion
REL 3145	Woman Relg Wst Exper
REL 3213	Hebrew Bible/Old Testament
REL 3310	Asian Religions
REL 3330	Religions of India
REL 3443	Liberation Theology
SOP 3742	CD-Pysch of Women
SYD 3700	CD-Race/Cult Minority

or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH
3470, ARH 3930, ARH 4710, ARH 4724, ARH
4800 and INR 4334.

Core Requirements (28 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internship are due the fourth Friday of the previous fall term.

EDF 3151	3	Nature Of The Learner
EDF 4327	3	Assessment of Learn/Behavior
EDG 3323	3	The Learning Process
EDG 4410	3	Classroom Management Commun Clinical
EDF 3945	2-4	Field Laboratory I
EDF 3946	2-4	Field Laboratory II
ESE 4943	1-12	Student Internship

Major Requirements (34 credits)

CHM 2210	3	Organic Chemistry I
CHM 2210L	1	Organic Chemistry I Laboratory

CHM 2211	3	Organic Chemistry II
CHM 2211L	1	Organic Chemistry II Lab
CHM 3120C	4	Quantitative Analytical Chemis
CHM 3610C	4	Inorganic Chemistry
CHM 4410C	4	Physical Chemistry I
RED 3333	3	Reading Method Second Teachers
SCE 4330	3	Special Meth: Secondary Science

Select one of the following chemistry

BCH 4033 and BCH 4033L	Biochemistry and lab or
CHM 4130C	Mod Analytical Chemistry or
CHS 4610 and CHS 4610L	Environmental Chemistry and lab

Select physics course consistent with earlier course taken:

PHY 2054 and 2054L	Algebra Physics II and lab
or PHY 2049 and 2049L	Calculus Physics II and lab

Major: Science Education**Concentration: Physics (6-12)****Degree: Bachelor of Arts in Education****Prerequisites (33 credits)**

EDF 1005	3	Introduction to Education
EDG 2701	3	Teaching Diverse Populations
EME 2040	3	Introduction to Education Technologies
PHY 2048	4	Calculus-Based Physics I
PHY 2048L	1	Calculus-Based Physics I Lab
PHY 2049	4	Calculus-Based Physics II
PHY 2049L	1	Calculus-Based Physics II Lab

Select Biology or Chemistry

BSC 1010C	General Biology I and
BSC 1011C	General Biology II or
CHM 2045C	General Chemistry I and
CHM 2046C	General Chemistry II

Select six credits of Science from the following prefixes:

AST/BCH/BOT/BSC/CHM/CHS/ESC/ISC/MCB/PCB/ PHY/PHZ/PSC/ZOO

(6 credits)

Select six credits 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 60 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123	(FC) Pol/Soc of Britain & Ireland
CPO 4034	Third World Politics
ECO 3703	International Trade
ECO 4504	Public Finance
ECO 4723	International Monetary System
FIN 4604	International Finance
GEO 2420	CD-Cultural Geography
HSC 4141	Etiology: Addiction
HSC 4160	Human Dev Health Beh Adc
HSC 4563	Dimens: Hlth Older Adu
MAR 4156	International Marketing
MUH 2018	Evolution of Jazz
MUH 3055	(FC) Afr Am Mus Heritage

PET 4640 Adapted Phys Educ
 PHH 3100 Ancient Philosophy
 PHH 3120 (FC) Greek Experience
 PHH 3400 Modern Philosophy
 PHH 3500 19th Century Philosophy
 PHH 3811 Philosophy/Zen Buddhism
 PHH 4601 20th Century Cont Philosophy
 PHH 3860 (FC) Japanese Mind
 REL 2300 CD-Comparative Religion
 REL 3145 Woman Relg Wst Exper
 REL 3213 Hebrew Bible/Old Testament
 REL 3310 Asian Religions
 REL 3330 Religions of India
 REL 3443 Liberation Theology
 SOP 3742 CD-Pysch of Women
 SYD 3700 CD-Race/Cult Minority:
 or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
 EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
 JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH
 3470, ARH 3930, ARH 4710, ARH 4724, ARH
 4800 and INR 4334.

Core Requirements (28 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internship are due the fourth Friday of the previous fall term.

EDF 3151 3 Nature of The Learner
 EDF 4327 3 Assessment of Learn/Behavior
 EDG 3323 3 The Learning Process
 EDG 4410 3 Classroom Management Commun
 Clinical
 EDF 3945 2-4 Field Laboratory I
 EDF 3946 2-4 Field Laboratory II
 ESE4943 1-12 Student Internship

Major Requirements (32 credits)

AST 2002 3 Basic Astronomy
 AST 2002L 1 Basic Astronomy Lab
 PHY 3101 3 Modern Physics
 PHY 3101L 1 Modern Physics Lab
 PHY 3220 4 Classical Mechanics
 PHY 3320 4 Electricity And Magnetism
 PHY 3424 3 Optics
 PHY 3722C 4 Electronics For Scientists
 PHY 4523 3 Thermodyn & Statistical Mech
 RED 3333 3 Reading Method Second Teachers
 SCE 4330 3 Special Meth: Secondary Science

Major: Social Studies Education

Concentration: Social Studies (6-12)

Degree: Bachelor of Arts in Education

Prerequisites (24 credits)

Grade of C or higher required

EDF 1005 3 Introduction to Education
 EDG 2701 3 Teaching Diverse Populations
 EME 2040 3 Intro to Ed Technologies
 POS 2041 3 Intro to American Government

Additional four additional Social Sciences:
 Select four courses from different disciplines. Choose from the following 6 disciplines:

Anthropology (ANT)
 Cultural Geography (GEO)
 Economics (ECO)
 History (AMH, ASH, EUH, HIS, LAH)
 Psychology (PSY)
 Sociology (SOC)

(6 credits)

Select six semesters credits 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 60 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123 (FC) Pol/Soc of Britain & Ireland
 CPO 4034 Third World Politics
 ECO 3703 International Trade
 ECO 4504 Public Finance
 ECO 4723 International Monetary System
 FIN 4604 International Finance
 GEO 2420 CD-Cultural Geography
 HSC 4141 Etiology: Addiction
 HSC 4160 Human Dev Health Beh Adc
 HSC 4563 Dimens: Hlth Older Adu
 MAR 4156 International Marketing
 MUH 2018 Evolution of Jazz
 MUH 3055 (FC) Afr Am Mus Heritage
 PET 4640 Adapted Phys Educ
 PHH 3100 Ancient Philosophy
 PHH 3120 (FC) Greek Experience
 PHH 3400 Modern Philosophy
 PHH 3500 19th Century Philosophy
 PHH 3811 Philosophy/Zen Buddhism
 PHH 4601 20th Century Cont Philosophy
 PHH 3860 (FC) Japanese Mind
 REL 2300 CD-Comparative Religion
 REL 3145 Woman Relg Wst Exper
 REL 3213 Hebrew Bible/Old Testament
 REL 3310 Asian Religions
 REL 3330 Religions of India
 REL 3443 Liberation Theology
 SOP 3742 CD-Pysch of Women
 SYD 3700 CD-Race/Cult Minority: or
 ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/EEX/
 EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/JPN/
 LAS/SPN/SPT/SPW except ARH 3423, ARH 3470,
 ARH 3930, ARH 4710, ARH 4724, ARH 4800
 and INR 4334.

Core Requirements (28 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internships are due the fourth Friday of the previous fall term.

EDF 3151	3	Nature of The Learner
EDF 4327	3	Assessment of Learn/Behavior
EDG 3323	3	The Learning Process
EDG 4410	3	Classroom Mgmt Commun Clinical
EDF 3945	2-4	Field Laboratory I
EDF 3946	2-4	Field Laboratory II
ESE 4943	1-12	Student Internship

(6 credits)

Select six credits 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 credits. Foreign language courses may be used to meet this requirement.

Major Requirements (31 credits)

AMH 3420	3	Florida History
ECO 3622	3	American Economic History
GEO 3370	3	Conservation of Natural Resour
HIS 3051	3	G(W)Craft of The Historian
INR 3016	3	Global Issues In Contemp Poli
RED 3333	3	Reading Method Second Teachers
SSE 4384	4	Special Method: Social Studies
ASH 3000		level course

Note: Select one History 3000 level course

Note: If AMH 2000 was not taken to meet prerequisites, this course must be any AMH 3000-level course other than AMH 3420

Prefixes are:

AFH/AMH/ASH/EUH/HIS/LAH/WOH
LAH 3300 OR ANY LAH 3000 LEVEL COURSE

Note: Select one

Major Electives (1 credits)

Select one credit from the following:

List of prefixes at the 3000-4000 level:

AMH/ECO/EUH/HIS/INR/LAH/POS/PSY/SOP/SYA/SYG/
SYO

Major: Physical Education

Concentration: Physical Education (K-12)

Degree: Bachelor of Arts in Education

Prerequisites (23 credits)

EDF 1005	3	Introduction to Education
EDG 2701	3	Teaching Diverse Populations
EME 2040	3	Intro to Ed Technologies
BSC 2085C	4	Human Anatomy and Physiology

Required A&P II or Care and Prevention

Select three credits from the following courses:

PEM 1104	Physical Conditioning
PEM 1131	Weight Training
PEM 1930	Aerobic Dance
PEN 2172	Fitness Swimming

Choose four to five credits of skill development courses in Physical Activities. They must be from different sports. Students who take Care & Prevention as an elective need five credits in this area. Students who take Anatomy/Physiology II only need four credits in this area.

Choose from:

PEL/PEN/PEM/PEO/PEP/PEQ

Select six credits from the following:

CPO 3123	(FC) Pol/Soc of Britain & Ireland
CPO 4034	Third World Politics
ECO 3703	International Trade
ECO 4504	Public Finance
ECO 4723	International Monetary System
FIN 4604	International Finance
GEO 2420	CD-Cultural Geography
HSC 4141	Etiology: Addiction
HSC 4160	Human Dev Health Beh Adc
HSC 4563	Dimens: Hlth Older Adu
MAR 4156	International Marketing
MUH 2018	Evolution of Jazz
MUH 3055	(FC) Afr Am Mus Heritage
PET 4640	Adapted Phys Educ
PHH 3100	Ancient Philosophy
PHH 3120	(FC) Greek Experience
PHH 3400	Modern Philosophy
PHH 3500	19th Century Philosophy
PHH 3811	Philosophy/Zen Buddhism
PHH 4601	20th Century Cont Philosophy
PHH 3860	(FC) Japanese Mind
REL 2300	CD-Comparative Religion
REL 3145	Woman Relg Wst Exper
REL 3213	Hebrew Bible/Old Testament
REL 3310	Asian Religions
REL 3330	Religions of India
REL 3443	Liberation Theology
SOP 3742	CD-Pysch of Women
SYD 3700	CD-Race/Cult Minority

or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH
3470, ARH 3930, ARH 4710, ARH 4724, ARH
4800 and INR 4334.

Foundation (3 credits)

PET 2XXX	Introduction of Physiology
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Core Requirements (28 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internship are due the fourth Friday of the previous fall term.

EDF 4327	3	Assessment of Learn/Behavior
EDG 3323	3	The Learning Process
EDG 4410	3	Classroom Management Commun

Select one from the following:

ED 3310	Reading Methods Elementary
RED 3333	Reading Methods Secondary Clinical
EDF 3945	2-4 Field Laboratory I
EDF 3946	2-4 Field Laboratory II
PET 4945L	12 Student Teaching

Major Requirements (31 credits)

PEO 3106	3	Fitness Education
PEO 4004	3	Theory/Practice In Coaching
PET 3311	3	Kinesiology And Motor Behavior
PET 3434	3	Teaching Movement
PET 3641	3	Cur Mth K12 and Adpt PE
PET 3820	3	Teaching Sport Skill
PET 4401	3	Admin Physical Education/Sport

Select one Physical Education elective from the following list of prefixes:

PEL, PEN, PEO, PEP, PEQ, PEM, PET, HSC

Select three health electives from the following:

HSC 2100	Personal Health Issues & Problems
HSC 3032	Foundations of Health Education
HSC 3555	Diseases: Prevention, Intervention, & Treatment
HSC 4133	Sexuality Education
HSC 4134	Mental/Emotional Health Education
HSC 4150	Substance Abuse & Violence Prevention
HUN 2201	Basic Principles of Nutrition
PEP 4135	Principles of Strength & Conditioning
PET 3080	Physical Activity & Health
PET 4550	Physical Fitness Assessment & Exercise Prescrip
PET 2622	Care/Prevention of Sport Injuries

Professional Education Minor

The courses listed below have been approved to satisfy the minimum professional education requirements for alternative teacher certification in the state of Florida.

Grades of "C" or better and a cumulative GPA of 2.5 are required in all Education course work.

Prerequisites for Minors

EDF 1005 Introduction to Education

Select one methods course that pertains to your major.

Choose one of the following:

ARE 4353	Methods: Art K-12
LAE 4335	Methods: Secondary English
MAE 4330	Methods: Secondary Math
SCE 4330	Methods: Secondary Science
SSE 4384	Methods: Secondary Social Studies
PET 3713	Methods: PHE K8/6-12
FLE 4333	Methods: Foreign Language
EEX 4255	Curriculum/Instrn: Learner Exceptional
HSC 3304	Instructional Methods: Health Ed
MUE 4330	Methods: Secondary Music

Note: Music majors should take both MUE 4311 and MUE 4330

Department of Exceptional Student and Deaf Education

Len Roberson, Chair & Associate Professor,
Program Leader, Deaf Education

Gerard R. Giordano, Professor

Donald F. Moores, Professor

Thomas S. Serwatka, Vice President & Professor

Clement J. Van Nagel, Professor

John J. Venn, Professor

Marsha H. Lupi, Associate Professor & Associate Dean

Sherry L. Shaw, Associate Professor, Director, ASL/English Interpreting Program

Kristine Webb, Associate Professor & Director of Disability Center

Sharian L. Deering, Assistant Professor

Karen Patterson, Assistant Professor, Program Leader, ESE

Susan Syverud, Assistant Professor

David B. Snow, Instructor, ASL

Michael Stultz, Instructor, ASL

Maria Ramdas, Resident Clinical Faculty
(904) 620-2930

The undergraduate program in Special Education prepares teachers with competencies necessary to produce achievement gains and desirable behavior changes in students with disabilities. Successful completion of the courses of study prepares the student for the certification exams in exceptional student education. Exceptional Student and Deaf Education also offers a concentration in deaf studies. Deaf studies is a five-year program in which students complete certification in deaf education at the master's degree level. Students may also prepare for a B.S.E. degree in ASL/English Interpreting.

All courses have field assignments. Students are expected to be proficient in the use of the computer for word processing and Internet access.

The program is blocked sequentially with some courses being offered once a year only; therefore, students are requested and encouraged to enter in the fall term. Before beginning course work, students must consult an advisor in the Office of Academic Advising, Bldg. 9/Room 2305, (904) 620-2530.

The state of Florida mandates certification requirements for teachers. **Students should see their advisors frequently to obtain appropriate advisement for current certification requirements. All students enrolled in College of Education and Human Services courses that require a field or clinical component are taught at a school site or require the student to complete work at a school are mandated by state law to be fingerprinted and cleared prior to being permitted on elementary and secondary school campuses. Students should be aware that noncompliance with fingerprinting requirements will result in the inability to complete**

course requirements. Contact the Office of Educational Field Experiences for information regarding fingerprinting procedures.

Major: Special Education

Concentration: Exceptional Student Education

Degree: Bachelor of Arts in Education

Prerequisites (9 credits)

Grade of "C" or higher required

EDF 1005	3	Introduction to Education
EDG 2701	3	Teaching Diverse Populations
EME 2040	3	Introduction to Ed Technologies

(6 credits)

Select six semesters credits 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 60 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123	(FC) Pol/Soc of Britain & Ireland
CPO 4034	Third World Politics
ECO 3703	International Trade
ECO 4504	Public Finance
ECO 4723	International Monetary System
FIN 4604	International Finance
GEO 2420	CD-Cultural Geography
HSC 4141	Etiology: Addiction
HSC 4160	Human Dev Health Beh Adc
HSC 4563	Dimens: Hlth Older Adu
MAR 4156	International Marketing
MUH 2018	Evolution of Jazz
MUH 3055	(FC) Afr Am Mus Heritage
PET 4640	Adapted Phys Educ
PHH 3100	Ancient Philosophy
PHH 3120	(FC) Greek Experience
PHH 3400	Modern Philosophy
PHH 3500	19th Century Philosophy
PHH 3811	Philosophy/Zen Buddhism
PHH 4601	20th Century Cont Philosophy
PHH 3860	(FC) Japanese Mind
REL 2300	CD-Comparative Religion
REL 3145	Woman Relg Wst Exper
REL 3213	Hebrew Bible/Old Testament
REL 3310	Asian Religions
REL 3330	Religions of India
REL 3443	Liberation Theology
SOP 3742	CD-Pysch of Women
SYD 3700	CD-Race/Cult Minority: or
ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/EEX/ EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/JPN/ LAS/SPN/SPT/SPW except ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724, ARH 4800 and INR 4334.	

Core Requirements (25 credits)

Applications for fall internships are due the fourth Friday of the previous spring term. Applications for spring internship are due the fourth Friday of the previous fall term.

EDF 3151	3	Nature of The Learner
EDF 4327	3	Assessment of Learn/Behavior
EEX 4616	3	Clsm Mgmt Exceptional Learner Clinical
EDF 3945	2-4	Field Laboratory I
EDF 3946	2-4	Field Laboratory II
EEX 4861	3-12	Internship

Major Requirements (41 credits)

EEX 3202	3	Psych/Soc Exceptional Learners
EEX 3250	3	Read Mthds: Learners Exception
EEX 3251	3	Develop Skills/Math Problems
EEX 3252	3	Lang Arts: Exceptional Learners
EEX 4067	3	Affect/Funct Living Skill: Ve
EEX 4101	2-3	Language Development/Disorders
EEX 4221	3	Ed Assessment/Learners Except
EEX 4253	3	Literacy/Academic Strategy: Ve
EEX 4255	3	Curr/Instr: Learners Except
EEX 4281	3	Soc,Pers,Car: Learners Except
EEX 4604	3	Ed Mgmt: Exceptional Student
RED 3310	3	Reading Method Elem Teachers
TSL 3550	3	Principles and Issues In Tesol
TSL 4340	3	Tesol Methods And Curriculum

Major: Special Education

Concentration: Deaf Studies

Degree: Bachelor of Arts in Education

Prerequisites (9 credits)

Grade of "C" or higher required

EDF 1005	3	Introduction to Education
EDG 2701	3	Teaching Diverse Populations
EME 2040	3	Introduction to Ed Technologies

(6 credits)

Select six semesters credits 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 60 credits. Foreign language courses may be used to meet this requirement.

Select six credits from the following:

CPO 3123	(FC) Pol/Soc of Britain & Ireland
CPO 4034	Third World Politics
ECO 3703	International Trade
ECO 4504	Public Finance
ECO 4723	International Monetary System
FIN 4604	International Finance
GEO 2420	CD-Cultural Geography
HSC 4141	Etiology: Addiction
HSC 4160	Human Dev Health Beh Adc
HSC 4563	Dimens: Hlth Older Adu
MAR 4156	International Marketing
MUH 2018	Evolution of Jazz

MUH 3055 (FC) Afr Am Mus Heritage
 PET 4640 Adapted Phys Educ
 PHH 3100 Ancient Philosophy
 PHH 3120 (FC) Greek Experience
 PHH 3400 Modern Philosophy
 PHH 3500 19th Century Philosophy
 PHH 3811 Philosophy/Zen Buddhism
 PHH 4601 20th Century Cont Philosophy
 PHH 3860 (FC) Japanese Mind
 REL 2300 CD-Comparative Religion
 REL 3145 Woman Relg Wst Exper
 REL 3213 Hebrew Bible/Old Testament
 REL 3310 Asian Religions
 REL 3330 Religions of India
 REL 3443 Liberation Theology
 SOP 3742 CD-Pysch of Women
 SYD 3700 CD-Race/Cult Minority
 or ANT/ASH/EUH/LAH/CLT/ENL/LIT/INR/CLP/EED/
 EEX/EHD/ELD/EMR/SPA/ARH/FOL/FRE/FRT/FRW/
 JPN/LAS/SPN/SPT/SPW except ARH 3423, ARH
 3470, ARH 3930, ARH 4710, ARH 4724, ARH
 4800 and INR 4334.

Core Requirements (13 credits)

EDF 3151 3 Nature of The Learner
 EDF 4327 3 Assessment of Learn/Behavior
 EEX 4616 3 Clsmr Mgmt Exceptional Learner
 Clinical
 EDF 3945 2-4 Field Laboratory I
 EHD 4940 2 Deaf Education Field Practicum

Major Requirements (52 credits)

EEX 3202 3 Psych/Soc Exceptional Learners
 EEX 3250 3 Read Mthds:Learners Exception
 EEX 3251 3 Develop Skills/Math Problems
 EEX 3252 3 Lang Arts: Exceptional Learners
 EEX 4101 2-3 Language Development/Disorders
 EEX 4221 3 Ed Assessment/Learners Except
 EEX 4255 3 Curr/Instr: Learners Except
 EEX 4281 3 Soc,Pers,Car: Learners Except
 EEX 4604 3 Ed Mgmt: Exceptional Student
 EHD 4245 3 Lang Develop Deaf/Hard Of Hear
 EHD 4261 3 Audiology Speech Science
 EHD 4311 3 Psychology & Education Deaf
 TSL 3550 3 Principles & Issues In Tesol
 SIGN I ASL 2140-Sign Language I
 SIGN II ASL 2150-Sign Language II
 SIGN III ASL 4131-Sign Language III
 SIGN IV ASL 4211-Sign Language IV

**Major: Sign Language Interpreting
 Degree: Bachelor of Science**

Major Requirements (48 credits)

ASL 3226 3 Advanced ASL Proficiency
 INT 3134 3 Ethical Dec Making
 INT 3205 3 Interp/Translit Process
 INT 3270 3 Interp Proc/Skill I

INT 3271 3 Interp Proc/Skill II
 INT 3280 3 Interpreting Skills Lab
 INT 3300 3 Assmnt Prep Performance
 INT 3950 2 Serv Lrng Deaf Children
 INT 3951 2 Serv Lrng Deaf Community
 INT 3952 2 Serv Lrng Interpreters
 INT 4272 3 Adv Interp Proc/Skill I
 INT 4273 3 Adv Interp Proc/Skill II
 INT 4456 3 Interpret in Diverse Settings
 INT 4910 3 Research in Interpreting
 INT 4945 3 Interpreting Practicum I
 INT 4947 6 Interpreting Practicum II

**Department of Leadership, Counseling
 & Instructional Technology**

Larry G. Daniel, Professor & Dean
Cheryl A. Fountain, Professor & Executive Director,
 Florida Institute of Education
Sandra L. Gupton, Professor
Katherine M. Kasten, Professor
Elinor A. Scheirer, Professor
Carolyn B. Stone, Professor
Warren A. Hodge, Associate Professor
Russell O. Mays, Associate Professor & Program
Jennifer Kane, Associate Professor
Kenneth T. Wilburn, Associate Professor
Shunda Brown, Assistant Professor
Sebastian Foti, Assistant Professor
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Marcia L. Lamkin, Assistant Professor
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The Department of Leadership, Counseling and
 Instructional Technology offers undergraduate programs
 in the following areas:
 Sport Management
 Community Sport

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. The Community Sport Con-
 centration is an appropriate concentration for candidates
 who seek leadership and/or instructional careers in set-
 tings offering sport, fitness, and recreation programming.
 Students interested in this degree program should contact
 Coordinator Dr. Jennifer Kane or an academic advisor in
 the College of Education and Human Services.

Major: Sport Management
Degree: Bachelor of Science

Prerequisites (6 credits)

ACG 2021	3	Prin of Financial Accounting
ECO 2013	3	Principles of Macroeconomics
MAR 3023	3	Principles of Marketing

Note: MAR3023 course is included in Business below

Major Requirements (30 credits)

EDA 4214	3	Rec. Dev. for NP Org.
PET 3473	3	Communication in Sport
PET 3493	3	Issues in Sport
PET 4401	3	Admin Physical Education/Sport
PET 4464	3	Sport Finance
PET 4476	3	Sport Law
SPM 2000	3	Intro to Spt Mgmt
SPM 3044	3	Sport Governance
SPM 3104	3	Sport Facility Management
SPM 3306	3	Sport Marketing

Business (15 credits)

Note: ACG 2071, CGS 1100, and FIN 3403 are highly recommended courses. The addition of these three courses could result in a student obtaining a minor in business.

ECO 2023	3	Principles of Microeconomics
MAN 3025	3	Administrative Management
MAN 3504	3	Prod/Operations/Logist Manage
MAR 3023	3	Principles of Marketing
STA 2023	3	G(M) Elem Statistics-Business

Clinical (15 credits)

SPM 3948C	3	Sport Management Practicum
SPM 4941	12	Sport Management Internship

Major: Sport Management
Concentration: Community Sport
Degree: Bachelor of Science

Prerequisites (13 credits)

ACG 2021	3	Prin of Financial Accounting
BSC 2085C	4	Human Anatomy & Physiology I
Acceptable substitute: PET X303C		
ECO 2013	3	Principles of Macroeconomics
PET 2622	3	Care/Prevention Sport Injuries

Major Requirements (60 credits)

EDA 4214	3	Rec. Dev. for NP Org.
PET 3473	3	Communication in Sport
PET 3493	3	Issues in Sport
PET 4401	3	Admin Physical Education/Sport
PET 4464	3	Sport Finance
PET 4476	3	Sport Law
SPM 2000	3	Intro to Spt Mgmt

SPM 3044	3	Sport Governance
SPM 3104	3	Sport Facility Management
SPM 3306	3	Sport Marketing
SPM 4941	12	Sport Management Internship

Select six courses or 18 credits from the following list:

PET 3713	3	Spec Methods K-8/6-12 PE
PET 3351C	3	Physiology of Exercise
PET 3311	3	Kinesiology/Motor Behavior
PEO 2011	3	Teaching Team Sports
PEO 2031	3	Teaching Individual/Dual Sports
PET 4640	3	Adapted Physical Education
DAE 3310	3	Dance in the Elem School
PEP 3205	3	Gym/Body Man in Elem
PEO 4004	3	Theory/Practice Coach
PEO 3007	3	Selected Coaching
PET 3474	3	Special Topics in Sports
SPM 3948C	3	Sport Management Practicum

or choose any 3000-4000 level course from any HSC/HUN/PEL/PEM/PEN Health/Fitness Sport Activity.

Sport Management Minor:

Students who choose this minor will be required to take SPM 2000 Introduction to Sport Management and then will be able to choose four additional sport specific courses from the Sport Management Core that will enhance their knowledge and understanding of the sport industry.

Cultural Diversity Addendum

Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 credits. If not satisfied, choose from the following courses:

CLP 4143	3	Psy. of Abnormal Behr
CPO 3132	3	(FC) Pol/Soc Brit & Irl
CPO 4034	3	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3	International Trade
ECO 4504	3	Public Finance
ECO 4723	3	Inter Monetary Sys
FIN 4604	3	International Finace
GEO 2420	3	CD-Cultural Geography
HSC 4141	3	Etiology: Addiction
HSC 4160	3	Hum Dev Hlth Beh Adc
HSC 4563	3	Dimens: Hlth Oldr Adu
INR 3016	3	Global Iss Cont Pol
LIT 2100	3	G(3) Mstrwks Wrld Lit
LIT 3184	3	(FC)(3)G Irish Lit/C
LIT 3193	3	(FC)(G)3 Lit of East
LIT 3304	3	(FC)(G)3 Lit/Pop.Am.Cult.
LIT 3408	3	Approach to Lit: Myth
LIT 4093	3	Contemporary Lit
LIT 4104	3	Studies: Medieval Lit
LIT 4186	3	Studies In Irish Lit
LIT 4650	3	Comparative Lit
MAR 4156	3	Interntnal Marketing
MUH 2018	3	Evolution of Jazz
MUH 3055	3	(FC) Afr Am Mus Hertg

PET 4640 2 Adapted Phys Educ
 PHH 3100 3 Ancient Philosophy
 PHH 3120 3 (FC) Greek Experience
 PHH 3400 3 Modern Philosophy
 PHH 3500 3 19th Cent Philosophy
 PHH 3811 3 Phlsphy/Zen Buddhism
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 REL 2300 3 CD-Comparative Relig
 REL 3145 3 Woman Relg Wst Exper
 REL 3213 3 Hbrew Bible/Old Test
 REL 3310 3 Asian Religions
 REL 3330 3 Religions of India
 REL 3443 3 Liberation Theologie
 SOP 3742 3 CD-Psych of Women
 SYD 3700 3 CD-Race/Cult Minority
 ANT/ASH/EUH/LAH/CLT/ENL/EED/EEX/EHD/ELD/
 EMR/SPA/ARH/FOL/FRE/FRT/FRW/JPN/LAS/SPN/
 SPT/SPW
 Any ARH history except: ARH 3423, ARH 3470, ARH
 3930, ARH 4710, ARH 4724 and ARH 4800
 Any INR except for INR 4334

College of Education & Human Services

Course Descriptions

CHILDHOOD EDUCATION

ARE 4313-Art Methods for Elementary Teachers 3

Prerequisites: EDG 3323 and EDF 4327. An examination of elementary school art programs and resources, grades K-6. The course, designed for pre-service elementary classroom teachers, focuses on planning, teaching and evaluating sequential learning experiences in the making of art, art criticism, art history and aesthetics at the elementary level.

EDE 4905-Individual Investigations and Study 1

Prerequisite: Consent of department chair. May be repeated up to 24 credits.

EDG 3324-Methods of Conceptual Teaching 3

This course is designed to familiarize students with key aspects of conceptual teaching and learning. Concepts from several areas of the elementary curriculum will be used as the contextual backdrop. Other courses in the Elementary Education Program will build on the methodology advocated in this course.

EDG 4905-Individual Investigations & Study 1

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.

EEC 3408-Forming Family, School & Community Partnerships 3

Prerequisites: EDF 1005, EDG 2701, EME 2040. This course focuses on ways to form partnerships with schools, families and communities. Family systems and their impact on the education of children will be discussed and students will identify practices for facilitating family involvement. The course discusses state and federal initiatives for serving children and families.

EEC 3731-Health, Nutrition & Safety for the Young Child 2

Strategies that recognize the relationships that exist between health status, safety, nutrition, social, and environmental factors. The course identifies current concepts in the fields of health, safety and nutrition and their relationship to the young child. It is designed to teach pre-service teachers ways to assist young children to develop good habits and attitudes, and to assume lifelong responsibility for their own well-being.

EEC 4203-Primary Education II 3

Strategies for planning the curriculum, utilizing appropriate practices and resources for developing effective programs for primary aged children.

EEC 4207-Measurement, Evaluation & Planning for Early Literacy Development 3

Prerequisites: LAE 3210 and EEC 4213. Students will learn formal and informal strategies related to planning literacy instruction. Students select and implement tools and procedures, interpret and apply findings.

EEC 4209-Integrated Music, Art & Movement for Primary Children 6

Prerequisite: EEC 4260. Students will explore the creative arts through an integrated methods course in music, art, and movement for primary children. The role of the teacher includes instructional strategies for integration, assessment and concept development.

EEC 4210-Integrated Math, Science & Social Studies for Primary Children 6

Prerequisite: EEC 4260. The course includes strategies for developing thinking skills and early mathematical and science thinking. Strategies for integrating math, science and social studies across the curriculum will be included.

EEC 4213-Teaching Beginning Reading & Writing 6

Prerequisite: LAE 3210. An integrated methods course for Language Arts, Reading and Literature for students in the Pre-K/Primary program. Includes strategies for designing integrated environments, and the relationships of language, literature and reading.

EEC 4260-Developmentally Appropriate Practices for Pre-Kindergarten/Primary Teachers 3

Prerequisites: EDF 1005, EDG 2701, EME 2040. The course focuses on historical theorists, theories, issues and trends that have influenced primary education. The course teaches pre-service teachers how to design and implement developmentally appropriate classrooms that promote physical, social, emotional and cognitive development.

HSC 3301-Health & Movement Education in the Elementary School 3

A study of elementary school health, safety, and movement education programs. For elementary education majors.

LAE 3210-Foundations of Literacy 3

This is the first of three literacy courses in the Elementary Education Program. It forms the basis for understanding language development, theories of language, and the issues and experience important to the development of literacy. This course must be taken prior to the second literacy course.

LAE 3211-Methods & Resources for Literacy Development 6

Prerequisite: Foundations of Literacy LAE 3210. This is the second of three literacy courses in the Elementary Education program. It expands upon the concepts learned in Foundations of Literacy and applies them for teaching applications.

LAE 4312-Measurement, Evaluation & Planning for Literacy Development 3

Prerequisite: LAE 3211. This is the third literacy course in the elementary program. It follows courses in the foundations of literacy development and methods and resources for

literacy teaching/learning. It will enable pre-service 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 implementation of an appropriate instructional program based on such an evaluation.

MAE 3312-Mathematical Methods for Elem Teachers 4

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.

MUE 4210-Music Methods for Elementary Teachers 3

Prerequisite: MUT 1011 or equivalent. Study and appraisal of teaching techniques, music literature, learning activities, curricular plans and materials essential to the sequential development of musical learning of elementary school children.

SCE 3310-Science Methods for Elementary Teachers 3

Prerequisite: MAE 3312. Methods and resources for teaching science in the elementary school.

SSE 3313-Social Studies Methods for Elem Teachers 4

This course examines standards, issues, and methods related to the teaching of social studies in the elementary school. It includes and emphasis on culture and the arts as ways of knowing and learning about social studies.

TSL 3550-Principles & Issues in TESOL 3

Prerequisite: As prescribed by program of study. This course covers issues basic to understanding legal and social imperatives in teaching English language learners in K-12 settings as well as theories and principles of second language acquisition.

TSL 4340-TESOL Methods & Curriculum 3

Prerequisites: RED 3310, and TSL 3550 or as prescribed by the program of study. 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.

TSL 4360-TESOL Methods & Curriculum for Secondary Teachers 3

Prerequisites: TSL 3550. This course is designed to prepare secondary teachers to accommodate ESOL (English for Speakers of Other Languages) students in the mainstream classroom. Florida law requires that all Education majors must complete coursework in TSL concepts and practices. This course will enhance our ESOL infusion program and will ensure that COEHS secondary graduates are prepared to teach secondary ESOL students.

EDUCATION & HUMAN SERVICES

EDE 4943-Practicum II: Student Internship 12

Prerequisite: Pre-Kindergarten/Primary students only, 60 volunteer service hours. Completion of requirements prescribed in Internship handbook, available in the Office of Field Experiences. 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.

EDF 3945-Field Laboratory I v. 2-4

Prerequisite or corequisite: EDG 3323. 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.

EDF 3946-Field Laboratory II v. 2-4

Prerequisites: EDF 3945, EDG 3323. Corequisites: Special Methods Courses. 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.

MUE 3944-Music Education Field Laboratory 2

Continuation of supervised, structured field experiences (5 hours per week for ten consecutive weeks) in selected schools designed to assist in the acquisition of generic teaching competencies required by Florida State Board of Education Rules. Weekly seminars (1 1/2 hours for 16 weeks) for music education majors only.

PET 4945L-Student Teaching 12

Prerequisite: Completion of all Core I and Core II requirements. Designed as a culminating experience which allows the student the opportunity to teach under the supervision of a master teacher.

EXCEPTIONAL STUDENT & DEAF EDUCATION

ASL 2140-American Sign Language I 4

This course stresses the development of communicative and functional use of American Sign Language at the beginning level. This course gives the student the opportunity to develop basic ability in both receptive and expressive sign language skills.

ASL 2150-American Sign Language II 4

Prerequisite: ASL 2140. This course is the second half of the beginning American Sign Language sequence. Students will continue to acquire the basic ability in both receptive and expressive sign language skills.

ASL 3226-Advanced ASL Proficiency 3

Prerequisite: ASL 4211 ASL IV. Advanced ASL Proficiency is designed to allow students of ASL and interpreting to use ASL as a natural, conversational language. Students will use ASL to communicate with the deaf and to refine grammatical

and linguistic structure of ASL. The focus is on enhancing the proficiency with which students use ASL.

ASL 3301-ASL Structure **3**

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.

ASL 3435-Fingerspelling & Number Systems in ASL **3**

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.

ASL 3514-Deaf Culture **3**

Prerequisites: *ASL 2140 ASL I with a grade of "C" or better.* 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.

ASL 4131-American Sign Language III **3**

Prerequisites: *ASL 2140, ASL 4620 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.

ASL 4211-American Sign Language IV **3**

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.

ASL 4324-Advanced ASL Discourse **3**

Prerequisites: *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.

EBD 3011-Nature & Needs of Emotionally Handicapped Learners **3**

A survey of the characteristics of emotionally handicapped learners and their educational needs, focusing upon etiology, prevention, intervention models, and utilization of community resources.

EBD 4212-Behavior Management Techniques for Use with Emotionally Handicapped Learners **3**

This course prepares teachers of the handicapped with behavior management techniques for use with emotionally handicapped students. The emphasis is on the application of theories, crisis intervention, prevention, legal considerations and counseling skills.

EBD 4231-Specialized Curriculum for Emotionally Handicapped Learners **2**

Prerequisites: *EEX 3202 and EBD 3011.* 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.

EBD 4243-Instructional Strategies for Students with Emotional Handicaps **2**

Prerequisite: *EBD 3011.* 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.

EDG 2000-Career Planning **3**

This course involves self-assessment activities - looking at students' skills, interests, values, and personality characteristics as they relate to career choice - career decision-making, career exploration, and learning the necessary employability skills, i.e. resume writing, networking, interviewing techniques, your career, and your future, to obtain and keep a job once a choice has been made. The basic purpose of the course is to provide an opportunity for students to develop the necessary skills in all areas of career development. (*A Career Assessment test and fee are required*).

EEX 3202-Psychology & Sociology of the Exceptional Learner **3**

Prerequisite: *EDG 2701.* Advanced study in the psychology and sociology of exceptional learners. The course examines exceptional learners in terms of their cognitive, affective and psycho motor characteristics and their functioning within families, schools and society.

EEX 3250-Reading Methods for Learners with Exceptionalities **3**

Prerequisite and corequisite: *EEX 3202, EEX 4101, EEX 3252 or its equivalent.* A methods course focusing on the reading process as related to students with atypical learning needs.

EEX 3251-Developmental Skills of Mathematics for Special Education Problems **3**

A methods course focusing on mathematical processes as related to pupils with atypical behavior and learning deficits.

EEX 3252-Language Arts for Exceptional Learners **3**

Introduction to the diagnosis and remediation of handwriting, spelling, and written language disabilities in exceptional learners. Using a holistic, developmental approach, strategies for integrating language arts into the total curriculum for mastery of content and the development of thinking skills, creativity, and personal/social development will be presented.

EEX 4067-Affective & Functional Living Skills for Students with Varying Exceptionalities **3**

Prerequisites: *EEX 3202, EEX 4255, and EEX 4221.* VE is a requirement in preparing to teach learners with mild disabilities, including specific learning disabilities, emotional

handicaps, and mental handicaps. This course focuses on understanding and applying proactive strategies in the areas of (a) communication, (b) functional living and academic growth, and (c) behavioral, social, and affective growth when teaching students with varying exceptionalities, including specific learning disabilities, emotional handicaps, and mental handicaps. A focus on approaches that meet the diverse learning needs of students with English as a second language is also included.

EEX 4101-Language Development & Disorders 2

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.

EEX 4201-Pre-Kindergarten & Primary Children with Exceptionalities 3

This course studies the developmental variations in young children that affect their cognition, mobility, social-emotional development, and speech and language development. This course includes procedures for screening, assessing, and placing children with special needs in appropriate educational settings, strategies for parental involvement, and development of appropriate curriculum, methods, and materials for teaching children in inclusive settings. Field experience required.

EEX 4221-Educational Assessment for Learners with Exceptionalities 3

Prerequisite: EEX 3202. **Corequisite:** EEX 3202 or its equivalent. An evaluation course related to the basic theories of evaluation and their relationship to specific disabilities.

EEX 4253-Literacy & Academic Strategies for Students with Varying Exceptionalities 3

Prerequisites: EEX 3202, EEX 4255, and EEX 4221. This course addresses instructional strategies for teaching students with varying exceptionalities, including, specific learning disabilities, emotional handicaps and mental handicaps. Throughout the course, specialized approaches to teaching basic literacy skills, metacognitive skills, and adaptation of curriculum and materials at the secondary level are explored. Field experience required.

EEX 4255-Curriculum & Instruction for Learners with Exceptionalities 3

Prerequisites: EEX 3202 and EEX 4221. **Corequisites:** EEX 3202. Examination of specific techniques, related media, and curricula appropriate to the individualization of instruction for various exceptionalities.

EEX 4281-Social, Personal & Career Skills for Learners with Exceptionalities 3

Prerequisite: EEX 3202. **Corequisite:** EEX 3202. This course covers methods of teaching social and personal skills for exceptional students. Emphasis is placed on employability skills, career awareness, and transition planning for adult living.

EEX 4604-Ed. Management of Exceptional Students 3

This course is designed to prepare teachers for the educational management of exceptional students with emphasis on classroom organization, behavior management and consultation skills.

EEX 4616-Classroom Management of Learners with Exceptionalities 3

Prerequisites: EEX 3202 and EEX 4604. This course focuses on the behavioral and classroom support needs of learners with exceptionalities. Upon completion of this course students will be able to (a) design, manage, and maintain safe school and classroom environments conducive to learning, (b) 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, (c) recognize and describe signs of various kinds of abuse and be able to refer, document, and implement appropriate interventions in a manner consistent with professional codes of conduct.

EEX 4794-Educating Urban Students with Diverse Learning Needs 3

In this course, the characteristics of urban students with diverse learning needs are described. Influences on cognitive and behavioral development are discussed. School-based solutions to preventing failure in out urban schools are detailed, including positive behavioral approaches to managing the school and classroom environment, processes for identifying urban students at risk for failure, and effective retention and intervention instructional practices and approaches that provide access to high levels of achievement for challenged learners. Additionally, successful models of community collaborations in urban settings are described. Field experience required.

EEX 4861-Internship 3

Prerequisite: Completion of requirements prescribed on student's program of study. Teaching competencies are demonstrated under the observation of a cooperating master teacher in the student's major field. May be repeated up to 24 credits.

EEX 4905-Individual Investigation & Study v. 1-3

Prerequisite: Permission required. A course which permits the student to investigate selected topics in a specialized area. May be repeated up to 15 credits.

EEX 4930-Seminar in Special Education v. 1-3

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.

EHD 4245-Language Development Deaf/Hard of Hearing 3

Prerequisites: EEX 4101 and EHD 4311. This course will provide an introduction to the development of language in children who are deaf or hard of hearing, and the effects of hearing loss on the development of English. Field experience is required.

EHD 4248-Foundation of Literacy Development Deaf/Hard of Hearing I 3

Prerequisites: EHD 4311, EEX 4101, EHD 4245. **Corequisite:** EHD 4249. This course is designed to continue the development of necessary knowledge and skills to understand the development of literacy, through writing, reading, and signing in learners who are deaf or hard of hearing. Issues presented in this course are designed to complement content of the corequisite course titled "Foundations of Literacy Development of Students who are Deaf or Hard of Hearing I".

**EHD 4249-Foundation of Literacy Development Deaf/
Hard of Hearing II** **3**

Prerequisites: EHD 4311, EEX 4101, EHD 4245.
Corequisite: EHD 4248. This course is designed to continue the development of necessary knowledge and skills to understand the development of literacy, through writing, reading, and signing in learners who are deaf or hard of hearing. Issues presented in this course are designed to complement content of the corequisite course titled "Foundations of Literacy Development of Students who are Deaf or Hard of Hearing I".

EHD 4261-Audiology & Speech Science **3**

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.

EHD 4311-Psychology & Education of the Deaf **3**

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.

EHD 4940-Deaf Education Field Practicum **2**

Prerequisites: EHD 4311, EHD 4245, SPA 4620.
Corequisites: SPA 4614. This course will provide deaf education majors an opportunity to observe deaf and hard of hearing students in classroom and/or dormitory 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 process the observation and field experiences. Course may be repeated for credit.

ELD 3011-Survey of Learning Disabilities **3**

A survey of factors related to the education of the learning disabled. This course will focus on historical developments, causation, related concepts, educational considerations, and professional aspects.

**ELD 4144-Instructional Strategies for Individuals with
Learning Disabilities** **2**

This course addresses instructional strategies for teaching students with specific learning disabilities to include specialized approaches to teaching basic skills, metacognitive skills, and adaptation of curriculum and materials. Field experience required.

**ELD 4230-Curriculum for Students with Learning
Disabilities** **2**

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.

EMR 3011-Survey of Mental Retardation **3**

A survey of factors related to the education of the mentally retarded. This course will focus on historical developments, causation, related concepts, educational considerations, and professional aspects.

**EMR 4222-Specialized Curriculum for Students Who Are
Mentally Handicapped** **2**

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.

**EMR 4362-Instructional Strategies for Learners Who
Are Mentally Handicapped** **v. 2-3**

Instructional strategies for teaching students who are mentally handicapped are examined including development, implementation, and evaluation of individualized educational plans; specialized approaches to teaching functional skills, developmental programming; and data based management. Field experience required.

INT 3134-Ethical Decision Making for Interpreters **3**

This course examines professional codes of ethics and professional codes of conduct that govern professions and how they contribute to the process of ethical decisions making. Students will examine the Rid Code of Professional Conduct and apply its tenets to real-world interpreting situations. Through case studies, cooperative learning, and role playing, students will enhance their ability to make ethical decisions as a sign language interpreter.

INT 3205-Interpreting & Transliterating Process **3**

This course examines the processes of interpretation and transliteration as components of the overall task of interpreting. The task of producing appropriate ASL-to-English and English-to-ASL interpretations and the task of improving transliterating skills are central to the course. Students will examine how the separate processes stem from overarching interpreting models. The course is a practice-oriented course focusing on the beginning development of both interpretation and transliteration.

INT 3270-Interpreting Process & Skill Development I **3**

This course uses a process-oriented approach for applying the essential cognitive strategies to interpretation. These strategies include organizing and manipulating visual images, analyzing messages for meaning, and self-monitoring for message accuracy. The course serves as a transition from language learning to beginning interpretation from American Sign Language to English.

INT 3271-Interpreting Process & Skill Development II **3**

Prerequisite: INT 3270 *Interpreting Process and Skill Development I*. This course is designed to develop a clear understanding of the process of interpreting and the development of competencies in interpretation and transliteration. The course utilizes interactive discussions, small group practice, and hands-on learning activities to introduce the study of the interpreting process.

INT 3280-Interpreting Skills Lab **3**

This course is a hands-on, interactive course that will provide opportunity for practice of interpreting with ongoing mentoring and feedback. Progress towards mastering the competencies outlined by the NCI will be monitored.

INT 3300-Interpreting Assessment Preparation: Performance 3

Prerequisite: INT 3301. This course is a practice-oriented skill enhancement course. Through hands-on practice and simulated interpreting situations, students will integrate the skills outlined in the National Interpreter Certification process. Students will practice the skills defined by the National Council on Interpreting. Focus will be on the application of the skills set to the process of interpreting and preparation for the NIC Performance test.

INT 3301-Interpreting Assessment Preparation: Knowledge 3

Through interactive discussions, cooperative learning, and application of critical thinking skills, students will explore the components of the National Interpreter Certification process. Students will examine the task, knowledge and skill statements as defined by the National Council on Interpreting. Focus will be on the application of the statements to the field of interpreting and preparation for the NIC Knowledge test.

INT 3950-Service Learning with Deaf Children 2

This course will make valuable connections between your academic preparation as an interpreter and your development of an awareness for those in the Deaf community who you will work with day-to-day. Through a specific service project developed in collaboration with program faculty, you will respond to needs of local Deaf students while connecting classroom learning, interpreting theory to community service.

INT 3951-Service Learning in the Deaf Community 2

This course will make valuable connections between your academic preparation as an interpreter and your development of an awareness for those in the Deaf community who you will work with day-to-day. Through a specific service project developed in collaboration with program faculty, you will engage in a significant service within the Deaf community while connecting classroom learning, interpreting theory and community service.

INT 3952-Service Learning & Interpreters 2

As the third service learning course in the program, this course will allow you the opportunity to use what has been learned in your program and make valuable connections between your academic preparation as an interpreter. Through a specific service project developed in collaboration with program faculty, you will engage in a significant service within the Deaf community while connecting classroom learning, theory to community service.

INT 4272-Advanced Interpreting Process & Skill Development I 3

Prerequisite: INT 3271. This course is designed to develop a clear understanding of the process of interpreting and the development of competencies in interpretation and transliteration. This course utilizes interactive discussions, small group practice, and hands-on learning activities to enhance students' ability to move from source language to target language interpretations and transliterations.

INT 4273-Advanced Interpreting Process & Skill Development II 3

Prerequisite: INT 4272. This course is designed to develop a clear understanding of the process of interpreting and

development of competencies in interpretation and transliteration. This course primarily uses hands-on learning activities to allow students the opportunity to deliver linguistically and culturally equivalent messages between source language messages and target language interpretations and transliterations.

INT 4455-Interpreting for Diverse Populations 3

This course will explore interpreting for diverse and special populations including, but not limited to, individuals who are deaf/blind, individuals with minimal language skills, and individuals with additional disabilities. Through current research, case studies, in-class discussions, role-playing, and observations, students will explore how the interpreter's role and function may differ depending on the individuals in the interpreting process.

INT 4456-Interpreting in Diverse Settings 3

This course will explore interpreting in a variety of special settings. Through current research, case studies, in-class discussions, role-playing, and observations, students will explore how setting impacts the delivery of interpreting services and the role of the interpreter. This course involves field observations.

INT 4910-Research in Interpreting 3

This course introduces students to both current research in the field of interpreting and conceptualizing research projects in topic areas of personal interest. Students are mentored through problem identification, research design, literature review, instrument construction, data collection, and analysis. The goal of the course is to demonstrate to students the benefit of active research in their pursuit of excellence as interpreters. Research projects may lead to manuscript preparation, publication, and presentation.

INT 4945-Interpreting Practicum I 3

This course is field-based and requires supervised, mentored experiences in the field as an interpreter. Through the practicum, students have ongoing opportunities to apply classroom learning and theory with real-world interpreting. This course requires 100 hours of field-based experiences.

INT 4947-Interpreting Practicum II 6

Prerequisite: INT 4945. This course is field-based and requires supervised, mentored experiences in the field as an interpreter. Through the practicum, students have ongoing opportunities to apply classroom learning and theory with real-world interpreting. This course requires 200 hours of field-based experiences.

RED 3310-Reading Methods for Elementary Teachers 3

Study of the reading process, approaches, skills, and materials used in elementary reading instruction. Course or equivalent before senior internship.

FOUNDATIONS & SECONDARY EDUCATION

ARE 4316-Art Education in Elementary Schools 3

Prerequisites: EDG 3323 and EDG 4327. An in-depth examination of art education programs and resources, grades K-6. This course, designed for art education majors, focuses

on skills development in planning, teaching and evaluating sequential learning experiences in the making of art, art criticism, art history and aesthetics at the elementary level.

ARE 4341-Art Education in Secondary Schools: An Inquiry 3

***Prerequisites:* EDG 3323, EDG 4327 and ARE 4316.**

An investigation of junior high/middle school and high school art education programs and resources, grades 6-12. The course emphasizes skills development in planning, teaching and evaluating learning experiences in art studio, art criticism, art history and aesthetics and the development of a personal philosophy of art education.

ARE 4353-Teaching Art with a Discipline-Based Focus in Grades K-12 4

***Prerequisites:* EDG 3323 and EDG 4327.** An investigation of elementary, junior high/middle school and high school art programs and resources, grades K-12. The course emphasizes skills development in planning for, teaching and evaluating learning experiences in art studio, art criticism, art history and aesthetics, and the development of a personal philosophy of art education.

DAE 3310-Dance in the Elementary School 3

***Prerequisite:* PET 3713.** A study of the research-based principles and methods used to teach developmentally appropriate rhythms and dance in the elementary school.

EDF 1005-Introduction to Education 3

A study of the relationship of teachers and schools to the philosophical, historical, legal, and social foundations of American education. Provides students with a basic understanding of classical and contemporary learning issues designed to orient them to careers in teaching and human services. Field experience required.

EDF 3151-Nature of the Learner 3

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.

EDF 4327-Assessment of Learning and Behavior 3

***Prerequisites:* Admission to teacher education program and EDG 3323.** Examination of teacher prepared and standardized measures of student achievement, behavioral construction and other factors influencing learning and teaching.

EDG 2701-Teaching Diverse Populations 3

A course designed to study multicultural education. Emphasis is on such dimensions of diversity as culture, ethnicity, race, language, social class, exceptionality, gender, age, and sexual orientation and their implications for educational policy, curriculum, and methodology. Field experience required. This is a prerequisite course for admission to teacher education programs.

EDG 2931-Special Topics v. 1-3

Variable title and hours.

EDG 3323-The Learning Process 3

***Corequisite:* EDF 3945.** 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.

EDG 4205-Middle School Philosophy/Curriculum 3

An introduction to current and emerging trends that are shaping curriculum development and instructional practices in today's middle schools. The course also examines the philosophical underpinnings of the middle school movement and its emphasis on the in-between-ager. Topics include: the development of young adolescents; the middle school movement; the curriculum for learners in the middle grades; effective instruction in the middle grades; classroom management and discipline; interdisciplinary team organizations; the advisory role; evaluation; and grouping. Includes observation/participation in appropriate settings.

EDG 4410-Classroom Management & Communication 3

This course provides pre-service teachers with the basic skills necessary for effective classroom management and clear communication. It specifically assists pre-service teachers in developing a set of behaviors designed to elicit and maintain student learning and on-task behaviors.

ESE 4905-Individual Study & Research v. 1-3

***Prerequisite:* Consent of division chairperson.** May be repeated up to 36 credits.

ESE 4943-Student Internship 1

***Prerequisite:* Completion of requirements prescribed in internship handbook.** 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.

FLE 4333-Special Methods in Foreign Languages 4

***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.

LAE 4323-Special Methods: Middle Grades English 3

***Prerequisites:* AML 2012, LIT 2000, LIT 3333, and EDG 3323.** Students will be prepared to teach emerging adolescents the oracular and literary skills needed in today's society using an integrated, multicultural research-based, whole language approach.

LAE 4335-Special Method: Secondary English 3

***Prerequisites:* ENC 3310, LIN 3010, and ENG 4014.** An examination of the instructional methods, materials, and curriculum for teaching secondary level English. Offered fall term only.

MAE 4320-Special Methods: Middle Grade Mathematics 3

***Prerequisites:* 12 semester hours college-level mathematics.** Offered fall term only. Introduction to the instructional methods, materials, and curriculum for teaching middle grades students mathematics.

MAE 4330-Special Methods: Secondary Mathematics <u>4</u>	PEM 1131-Weight Training <u>1</u>
<i>Prerequisites: Seven math courses with at least one course in calculus.</i> An examination of the instructional methods, materials, and curriculum for teaching secondary level mathematics. Offered fall term only.	Instruction in health-related fitness prescription and evaluation with performance and personal assessment in weight training involving Nautilus/universal machines.
MUE 4311-Music Education in Elementary Schools: The Organization & Teaching of General Music <u>3</u>	PEM 3930-Special Topics in Exercise Science <u>3</u>
<i>Prerequisites: EDG 3323, EDG 4327 and four content prerequisites.</i> See special methods course prerequisites for secondary majors. Designed to acquaint students with a balanced general music curriculum. Emphasis placed on understanding and planning a developmental sequence of musical experiences to assure the sound musical growth of students in grades K-6. Offered spring term in even numbered years.	<i>Prerequisite: PET 3351C.</i> 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.
MUE 4330-Music Education in Secondary Schools: The Organization & Teaching of General, Choral & Instrumental Music <u>3</u>	PEN 1121-Beginning Swimming <u>1</u>
<i>Prerequisites: MUE 4311, MUG 3104.</i> The role of music in junior and senior high school adolescents education; techniques for planning, teaching, and evaluating instruction; study of music appropriate to musical organizations; and general music instruction. Offered fall term in odd numbered years.	Basic swimming stroke and water safety instruction and performance.
PEL 1121-Golf <u>1</u>	PEN 1231-Basic Sailing <u>1</u>
Skill technique, club selection and match strategy instruction and performance in golf. (<i>A range fee is necessary for participation.</i>)	The course provides for instruction and practice to learn/improve basic skills in sailing small craft.
PEL 1211-Softball <u>1</u>	PEN 2114-Lifeguard Training <u>2</u>
Introduction to the basic skills, strategies and rules of softball.	Instruction and performance in the skills and knowledge necessary for lifeguarding competency. Students who successfully complete the course are eligible for American Red Cross Lifeguard Training Certification.
PEL 1321-Volleyball <u>1</u>	PEN 2122-Intermediate Swimming <u>2</u>
Skill technique and game strategy instruction with performance in volleyball.	Instruction and performance in improving techniques in a variety of swimming strokes and water emergency prevention and response. Students will work toward the American Red Cross Certification in Emergency Water Safety.
PEL 1341-Tennis <u>1</u>	PEN 2172-Fitness Swimming <u>1</u>
Skill technique and game strategy instruction with performance in tennis.	<i>Prerequisite: PEN 2122.</i> Instruction in health-related fitness prescription and evaluation with performance and personal assessment in swimming or aquatic exercise.
PEL 1441-Racquetball <u>1</u>	PEO 2011-Teaching Team Sports <u>3</u>
The course provides for instruction and practice to learn/improve basic racquetball skills as well as knowledge of the strategies and rules for racquetball.	<i>Prerequisite: PET 3713.</i> A study of research-based principles and methods used to teach team sport skills and activities in middle and high school physical education.
PEL 1511-Soccer <u>1</u>	PEO 2031-Teaching Individual & Dual Sports <u>3</u>
Skill technique and game strategy instruction with performance in soccer.	<i>Prerequisite: PET 3713.</i> A study of research-based principles and methods used to teach individual and dual sports skills and activities in middle and high school physical education.
PEL 1621-Basketball <u>1</u>	PEO 3007-Selected Coaching: Variable Titles <u>3</u>
The course provides for instruction and practice to learn/improve basic basketball skills as well as knowledge of the strategies and rules for basketball.	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 a selected team or individual/dual sport. May be repeated up to 16 credits.
PEL 2905-Selected Sports Activities: Variable Title v. 1-3	PEO 3106-Fitness Education for Children & Adolescents <u>3</u>
An introduction to the basic skills and strategies utilized in selected individual/dual and team sports. May be repeated up to 16 credits.	The course involves a study of developmentally appropriate content and methods used to teach fitness knowledge and develop/assess health-related physical fitness in schools and youth agencies.
PEM 1104-Physical Conditioning <u>1</u>	
Instruction in health-related fitness prescription and evaluation with performance and personal assessment in walking, jogging, rope jumping, or fitness trail exercise.	

PEO 3344-Tennis Coaching 3	PET 3713-Special Methods & Curriculum for K-8 & 6-12 Physical Education 3
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.	A study of the methods and procedures used to develop curricula and provide instruction in elementary, middle, and high school physical education programs.
PEO 4004-Theory & Practice in Coaching 3	PET 3820-Teaching Sport Skills to Adolescents 3
A study of research based principles and methods used to coach individual and team sports.	This course involves a study of developmentally appropriate content and methods used to teach skills, learning activities, and strategies for team, individual, and dual sports to adolescents in schools and youth agencies.
PEO 4041-Games in the Elementary School 3	PET 4401-Administration of Physical Education & Sport 3
Prerequisite: <i>PET 3713</i> . A study of the research-based principles and methods used to teach developmentally appropriate games in the elementary school.	A study of the principles and theories in organizing and managing programs in physical education and sport leadership.
PEP 3205-Gymnastics & Body Management in the Elementary School 3	PET 4640-Adapted Physical Education 2
Prerequisite: <i>PET 3713</i> . A study of the research-based principles and methods used to teach developmentally appropriate gymnastics and body management in the elementary school.	A study of the principles and techniques used to meet the unique motor and health related fitness needs of individuals with special limitations.
PEP 3304-Track & Field Coaching 3	PET 4910-Directed Individual Study v. 1-3
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.	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.
PET 2622-Care & Prevention of Sports Injuries 3	RED 3333-Reading Methods for Secondary Teachers 3
Prerequisite/Corequisite: <i>PET 3351C</i> . A study of the principles and methods used to prevent and care for injuries sustained during physical activity.	Exploration of content area reading problems and investigation of various solutions. The reading process, approaches, skills, and materials used in secondary reading instruction are studied.
PET 3311-Kinesiology & Motor Behavior 3	SCE 4320-Special Methods: Middle Grades Science 3
Prerequisite: <i>BSC 2085C</i> . An integrated study of three movement disciplines including: principles and assessment in motor development, skill acquisition theory/strategies in motor learning, and applied human movement focusing on musculoskeletal actions and mechanical principles/movement patterns related to sport skills.	Prerequisites: <i>EDG 3323 and EDF 3151 or equivalent</i> . Introduction to the instructional methods, materials, and curriculum for teaching middle grades science.
PET 3351C-Physiology of Exercise 3	SCE 4330-Special Methods: Secondary Science 3
Prerequisite: <i>BSC 2085C</i> . A study of the physiological bases of physical activity, with emphasis given to the specific effects of exercise on body function, health related fitness and sports performance.	Prerequisites: <i>Three related courses in biological science or three related courses in physical science, plus one advanced science course to include laboratory</i> . An examination of the instructional methods, materials, and curriculum for teaching secondary level science. For other content prerequisites, see special methods course prerequisites secondary majors. Offered fall term only.
PET 3434-Teaching Movement Skills to Children 3	SSE 4324-Special Methods: Middle Grades Social Science 3
The course involves a study of developmentally appropriate content and methods used to teach fundamental movement skills plus game, body management, and rhythm/dance activities to children in schools and youth agencies.	Prerequisite: <i>EDF 3945</i> . Corequisite: <i>EDF 3946</i> . The purpose of this course is to help pre-service and in-service social science teachers to articulate and apply a philosophy of middle level education that will enable them to plan and implement effective and appropriate educational experiences for emerging adolescents.
PET 3434C-Learning Through Movement 3	SSE 4384-Special Methods: Social Studies 4
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.	Prerequisites: <i>Specific content prerequisites which vary by major</i> . An examination of the instructional methods, materials, and curriculum for teaching secondary level social studies. For other content prerequisites, see special methods course prerequisites secondary majors. Offered fall term only.
PET 3641-Curriculum & Methods in K-12 & Adopted Physical Education 3	
The course involves a study of planning curriculum and providing instruction in K-12 physical education and adapted physical education programs.	

LEADERSHIP, COUNSELING & TECHNOLOGY

EDA 3052-Introduction to Leadership 3

This 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 in order to make connections between class work and their own leadership roles in their communities.

EDA 4214-Resource Development for Non-Profit Organizations 3

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 and 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.

EIA 4360-Special Methods in Technology Education 3

Instruction in teaching methods, devices, and techniques specific to the instructional area. Teaches lesson plans, curriculum frameworks, program standards; competency-based program organization, selecting and preparing instructional materials; organization and management of the technology education classroom and laboratory.

EME 2040-Introduction to Educational Technologies 3

An introduction to the classroom applications of educational technologies. The course includes a survey of educational hardware and software. Topics include multimedia, interactive media, ethics and legal issues, and the Internet.

PET 3473-Communication in Sport 3

This course provides students with 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.

PET 3474-Special Topics in Sport 3

Variable topics in the area of Sport Management.

PET 3493-Issues in Sport 3

This course provides 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, sociocultural, and technology issues are also a part of the learning agenda in the course.

PET 4464-Sport Finance 3

This course provides students with 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.

PET 4476-Sport Law 3

This course is designed to be an overview of the legal issues most often encountered in sport and physical activity. The course will emphasize 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.

SPM 2000-Introduction to Sport Management 3

This course will 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.

SPM 3044-Sport Governance 3

Students will learn the structure and function of the various sports organizations. They will learn the issues that sport organizations and their managers face and confront. 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.

SPM 3104-Sport Facility Management 3

This course will address 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.

SPM 3306-Sport Marketing 3

The course provides 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.

SPM 3948C-Sport Management Practicum 3

Prerequisite: Department permission. A supervised, structural field experience in an on-campus or community setting to assist in the acquisition of sport leadership organization and administration skills.

SPM 4941-Sport Management Internship 12

Designed as a culminating experience which allows the student to apply leadership skills in an on-campus or community setting in sport leadership. A valid First Aid/CPR card must be held by interns for the entire internship.

University Programs and Related Activities

Alumni Services

Opportunities for graduates to remain involved with their Alma mater are offered through the Office of Alumni Services, a part of the Division of Institutional Advancement. Alumni Services supports the **UNF Alumni Association** and serves as adviser to the Presidential Envoys Student Alumni Association, a volunteer group of students serving UNF as its official ambassadors.

The University of North Florida Alumni Association is a nonprofit organization. Its purpose is to foster, maintain and support a life-long relationship between alumni and the university. The Board of Directors, comprised of more than 30 UNF graduates, governs the Association by setting policy, providing guidance for the Association's programs and activities, and represents the interest of alumni to the university. Service on the Board of Directors is open to any interested alumni. The Association hosts many alumni activities throughout the year, including networking events, personal and professional development seminars, travel programs, social events and more. The organization also develops benefits, programs and services for alumni to enjoy. The Office of Alumni Services, is open Monday through Friday 8 a.m. to 5 p.m. For information, call (904) 620-4723 or (800) UNF-GRAD. The Web address is www.alumni.unf.edu.

The University of North Florida Foundation Inc.

The University of North Florida Foundation Inc. is a nonprofit, tax-exempt 501 (c) (3) organization established to provide financial support and counsel to the university. Governed by a volunteer board, its membership encompasses leaders from the civic, professional and business communities of Northeast Florida.

Major activities of the 50-member board include developing a program of advisement for the president of the university; creating a bridge between the university and the political, cultural, civic, military and economic communities of the area; assisting the university in securing private funds through programs of annual and planned giving; and holding fiduciary responsibility for management of \$120 million in assets, including an endowment valued at \$95 million.

Standing committees of the foundation are:

1. the Advancement Committee, with responsibilities for fund raising, donor relations, corporate relations and stewardship;

2. the Finance and Audit Committee, which makes recommendations on financial matters and reviews the annual operating budget and audit;
3. the Investment Committee, which oversees investment of the Foundation's endowed and non-endowed funds; and
4. the Committee on Directors, which reviews potential board members and conducts assessment of the current board.

UNF Osprey Club

The UNF Osprey Club functions to support UNF athletics by raising money for capital improvements, operational needs and athletic scholarships. A general organization of business and community leaders, the Osprey Club encourages support and attendance at UNF athletic events. The Osprey Club operates under the auspices of the UNF Foundation Inc. For information regarding Osprey Club membership, please contact the UNF Athletic Development Office at (904) 620-1068.

Naval Reserve Officers Training Corps: Division of Naval Science

The mission of the Naval Reserve Officers Training Corps 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 two phases (or "courses") of NROTC, a "basic course" taken during the freshman and sophomore years, and an "advanced course" taken in the junior and senior years.

There are five programs — three NROTC Scholarship Programs and two NROTC College Programs.

NROTC Scholarship Program

These students enter into a contract with the Secretary of the Navy in which they agree to take certain Naval Science courses and drills, attend university-taught courses, and complete three summer training periods. The Navy provides tuition, fees, textbooks, uniforms, and a \$200 per month subsistence allowance for a maximum of 40 months. Scholarship students are selected through national competition.

NROTC Two-Year Scholarship Program

The Two-Year Scholarship Program provides tuition, books, uniforms, and a \$200 per month subsistence allowance for the junior and senior years of college. To be selected, students must be in advanced college standing and qualify for enrollment in the NROTC program's advanced courses at colleges or universities where NROTC is offered. The Chief of Naval Education and Training requires successful completion of summer training immediately before beginning the two-year program. The summer course of instruction, referred to as the Naval Science Institute (NSI), provides the Naval Science courses and drill training equivalent of NROTC basic course. Two-Year Scholarship students are selected through national competition and through a system of direct appointments.

Upon graduation scholarship midshipmen are commissioned as Ensigns in the U.S. Naval Reserve or as Second Lieutenants in the U.S. Marine Corps, and serve on active duty for a minimum of four years.

NROTC Four-Year Scholarship Nurse Option Program

This program provides tuition, books, uniforms, and a \$200 per month subsistence allowance for those pursuing a nursing degree. Graduates from the NROTC Nurse Option Program are commissioned in the restricted line, Nurse Corps, and serve on active duty for a minimum of four years.

The nursing program is highly structured and allows few opportunities for electives or tailoring schedules. The NROTC has a liberal policy for waiving courses that are designed for commissioned officers entering fields other than nursing. These courses include Calculus, Physics, American Military History, National Security Policy, Naval Ship Systems I and II, Navigation and Naval Operations I and II, and Computer Science. The senior summer training period is normally served at a Navy Hospital. All other NROTC requirements apply to nurse corps midshipmen.

NROTC Four-Year College Program

These students enter into an agreement with the Secretary of the Navy in which they agree to take certain Naval Science courses, university-taught courses, drill periods, and to complete one summer training period. They enlist in the Naval Reserve upon commencement

of advanced standing. In return, the Navy provides uniforms and Naval Science textbooks, and pays students \$200 a month subsistence allowance during the junior and senior years for a maximum of 20 months.

NROTC Two-Year College Program

Students selected must be in advanced college standing and qualify for enrollment in the NROTC College Program's advanced courses at colleges or universities where NROTC is offered. The Chief of Naval Education and Training requires successful completion of summer training immediately before beginning the two-year program. The summer course of instruction, referred to as the Naval Science Institute (NSI), provides Naval Science courses and drill training equivalent to the NROTC basic course. Those enrolled in the Two-Year College Program will have the same privileges and obligations as advanced standing students in the Four-Year College Program.

Upon graduation college program students are commissioned as reserve officers in the U.S. Navy or U.S. Marine Corps and serve on active duty for three years.

College program students are eligible to compete for NROTC scholarships based on academic grades and military aptitude. Qualified individuals are nominated yearly by the Professor of Naval Science, and if selected, receive all the benefits of the scholarship program.

Students who do not qualify for enrollment in either the scholarship or college program may enroll in Naval Science courses for academic credit only. They will not be eligible for appointment as a commissioned officer.

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.
5. Must meet Department of the Navy requirements concerning prior use of narcotics and/or other related drugs.

Summer Training Requirements: Scholarship students go on summer training for about 30 days during each of their three college summers. The first summer training includes exposure to aviation, submarine, surface, and amphibious specialties both ashore and afloat. The second summer is at-sea training aboard operational U.S. Navy ships. During the third summer candidates train aboard operational ships, nurse midshipmen train at a Navy hospital, and Marine Corps candidates train at U.S. Marine Corps Base, Quantico, Virginia. The Navy provides transportation to and from sites, subsistence and living quarters, and training pay during the summer training periods.

College program 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 two hours each Thursday afternoon.

Professional Course Curriculum

Freshman Year

NSC 1110	Introduction to Naval Science 2 hours lecture, no laboratory	2 hours
NSC 1140	Seapower and Maritime Affairs 2 hours lecture, no laboratory	2 hours

Sophomore Year

NSC 2122	Naval Ships Systems II (Engineering) 3 hours lecture, no laboratory	3 hours
NSC 4231	Leadership and Management 3 hours lecture, no laboratory	3 hours

Junior Year

NSC 3214C	Navigation and Naval Operations I 3 hours lecture, 1 hour laboratory	4 hours
NSC 3215C	Navigation and Naval Operations II 3 hours lecture, 1 hour laboratory	4 hours

Senior Year

NSC 2121	Naval Ships Systems I (Weapons) 3 hours lecture, no laboratory	3 hours
NSC 4233	Leadership and Ethics 3 hours lecture, no laboratory	3 hours

Marine Corps Option Program

NSC 3221	Evolution of Warfare 3 hours lecture, no laboratory	3 hours
NSC 4224	Amphibious Warfare 3 hours lecture, no laboratory	3 hours

Combined Drill Laboratory

NSC 1101	Freshman Drill (Naval Science Lab) 2 hours of drill	0 hours
NSC 2102	Sophomore Drill (Naval Science Lab) 2 hours of drill	0 hours

NSC 3103	Junior Drill (Naval Science Lab) 2 hours of drill	0 hours
NSC 4104	Senior Drill (Naval Science Lab) 2 hours of drill	0 hours

Note: NSC 3221 and NSC 4224 are completed by Marine Corps option students during the sophomore and junior years in lieu of NSC 2121/2122 and NSC 3214C/3215C.

Details on eligibility and requirements for these and other programs may be obtained by contacting the NROTC unit at (904) 256-7480.

NAVAL SCIENCE COURSES

NSC 1101-Naval Science Lab **0**

Drill, basic commands, courtesies and honors; orientation and information period.

NSC 1110-Princ of Naval Organization **2**

A general introduction to seapower and the naval service. This instruction places emphasis on the mission, organization and warfare components of the Navy. Included is an overview of officer and enlisted rank and rating structures, career progression, naval traditions, customs and courtesies, discipline and naval leadership.

NSC 1140-Seapower & Maritime Affairs **2**

A study of the historical role of seapower from the mid-1700s to date and its impact as an instrument of national policy. Emphasis is placed on the role of the U.S. Navy in the nineteenth and twentieth centuries. The student is made cognizant of the current U.S. Maritime Strategy, "Forward... From the Sea," and the challenges facing today's Naval officers.

NSC 2102-Naval Science Lab **0**

Drill, basic commands, courtesies and honors; orientation and information period.

NSC 2121-Naval Ships Systems Weapons **3**

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.

NSC 2122-Naval Ships Systems Engineer **3**

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.

NSC 3103-Naval Science Lab **0**

Drill, basic commands, courtesies and honors; orientation and information period. Also, practical exercises dealing with the specifics of naval organizations and leadership.

340 University Programs and Related Activities

NSC 3214C-Navigation/Naval Operations I 4

A comprehensive study of the theory, concepts, principles, and procedures of ship navigation, movements and deployment. 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.

NSC 3215C-Navigation/Naval Operations II 4

A comprehensive study of the theory, concepts, principles and procedures of ship navigation, movements and deployment. 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.

NSC 3221-Evolution of Warfare 3

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.

NSC 4104-Naval Science Lab 0

Drill, basic commands, courtesies and honors; orientation and information period. Also, practical exercises dealing with the specifics of naval organizations and leadership.

NSC 4224-Amphibious Warfare 3

A historical survey of projection of combat power ashore. The course seeks to define the concept, explore its doctrinal origins, and trace its evolution as an element of naval policy during the twentieth century. The case study method is used alongside the theme of general historical continuity to develop an understanding of the relatively new and still maturing concepts of amphibious warfare.

NSC 4230-Leadership & Management 3

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; an introduction to individual and group behavior in organizations; and extensive study of motivation and leadership. Major behavioral theories are explored in detail. Other topics include decision making, communication, responsibility, authority, and accountability.

NSC 4233-Leadership & Ethics 3

A course designed to provide graduating midshipmen with the ethical foundation and basic leadership tools needed to be effective junior officers and successful leaders in the U.S. Navy and Marine Corps. Subjects covered include counseling, human resources management, military justice, administration, leadership styles, naval discipline, officer performance, and Division Officer management. A combination of case studies and seminars are used to enhance the midshipmen's understanding of actual practice.

Institute of Police Technology and Management

The Institute of Police Technology and Management (IPTM) was established in 1980 to provide management, traffic and specialized training to municipal, county, state and federal law enforcement officers. It has since become the largest police training center of its kind in the United States, annually training more than 12,000 officers from throughout the world.

Operating under the university's Training and Service Institute, IPTM is an integral part of UNF and offers most of its training programs in Jacksonville. The Institute also presents training programs under contractual arrangements with government agencies throughout North America and abroad. In 1997, IPTM acquired the Public Safety Institute located in Orlando, Florida. It is a division of IPTM and serves as an additional training facility.

The faculty consists of professionals who combine practical law enforcement skills with many years of police training experience and academic backgrounds necessary to effectively train in-service law enforcement officers. The full time staff is supplemented by a highly qualified adjunct faculty from government, private industry and the academic community.

IPTM training programs are specifically directed toward operational, supervisory and command law enforcement personnel. The courses are designed to improve the students' skills and abilities in performing law enforcement tasks while, at the same time, acquainting them with new developments in law enforcement areas. The combination of highly skilled instructors and practical "hands-on" training provide officers with a unique opportunity for meeting the needs of their agencies.

Developmental Disabilities On Campus Transition Program

The University of North Florida (UNF) and The Arc Jacksonville Academy have partnered to create the On Campus Transition (OCT) Program, a unique learning experience for students with developmental disabilities who have completed their high school coursework. The program will allow students from 18 to 21 years of age to attend college classes, work with peer mentors, develop job skills, gain confidence and independence, and be an integral part of college campus life. For more information contact: Developmental Disabilities-On Campus Transition Program; Monday-Friday 8:30 a.m. - 3:00 p.m.; (904) 620-3890, www.coeoct@unf.edu.

Intercollegiate Athletics

The University of North Florida athletic program is in its fourth year of the reclassification process to NCAA Division I. With this change, the program has become

an associate member of the Atlantic Sun Conference (D-I). The university fields 17 men's and women's sports. Women's sports include basketball, cross country, soccer, softball, swimming and diving, tennis, indoor and outdoor track, and volleyball. Men's sports include baseball, basketball, cross country, golf, soccer, tennis, and indoor and outdoor track.

The UNF athletic program boasts outstanding athletic facilities. The UNF arena, baseball stadium, softball field, aquatic center, and tennis complex are accessible to all UNF students free of charge. Construction continues on Hodges (soccer/track) Stadium, with major funding from the Hodges family and other donors, as well as the state, making it possible to add a number of enhancements — such as a scoreboard, seating, lights, etc.— that will take the facility to completion in 2008.

Students with questions concerning participation in any intercollegiate sport should contact the Athletic Department (located in the UNF Arena) or the specific head coach. Students are admitted free to all regular season intercollegiate athletic events and facilities by showing a valid UNF ID card.

The mascots of the university sports teams are Ozzie and Harriet, and the teams' nicknames are the "Ospreys" or "Lady Ospreys."

For more information concerning UNF's athletic program phone the Athletic Department, Monday through Friday, 8:30 a.m. to 5:00 p.m., (904) 620-2833 or write to UNF Athletics, 1 UNF Drive, Jacksonville, Florida 32224-2672, or go to www.unfospreys.com.



University Center

George Androuin, Director
(904) 620-4222

The University Center is a 95,000 square foot conference and academic support facility, one of the largest university-based centers in the country. The University Center offers the latest in technology and equipment; furnishings designed for maximum participant comfort; outstanding food and beverage services; and a friendly, service-oriented staff.

The mission of the University Center is to provide quality meeting facilities and services to UNF and the community while maintaining self-sufficiency. The center supports the teaching, scholarship, research and community service missions of the University by offering an outstanding conference and meeting environment, and by delivering quality meeting planning services and programs which meet or exceed the expectations of all clients of the center. The center enhances the University's overall outreach mission by extending academic resources of the University to promote lifelong learning. Among those academic resources are Continuing Education, Institute of Police Technology and Management, and Small Business Development Center.

The University Center is marked by technological sophistication and architectural elegance. It is equipped

with state-of-the-art telecommunications capability, computer labs, a case study room, and full audiovisual services. Downlink satellite transmission, video conferencing and simultaneous translation services are also available.

With easy access from J. Turner Butler Boulevard just off Kernan Boulevard, the University Center offers convenient accessibility to the Jacksonville International Airport, hotels, business centers, beaches, and downtown Jacksonville. Fully accessible, the University Center has ample parking and a convenient passenger drop-off at the main lobby entrance.

Approval for use of the University Center means only that the program appears to meet the criteria established for its use and does not imply endorsement of the views that may be expressed during the program.

The University Center reserves the right to ensure that all programs are conducted in a manner consistent with the purpose and policies established for the center. Any exceptions to the center's use policy must have prior approval of the director of the University Center. A program may require the sponsorship of a recognized University unit, or have appropriately authorized involvement or participation of members of the University faculty or staff.



Division of Continuing Education

Robert Wood, Dean
(904) 620-4280
<http://www.ce.unf.edu>

The University of North Florida knows how to bring out the best in every student, whether you are preparing for graduate school, seeking certification, looking for advancement, changing careers or just taking courses for the pure enjoyment of learning. You will find the same individualized attention in our Division of Continuing Education that students enrolled in any of UNF's five colleges do.

At the UNF Division of Continuing Education, you can keep pace with a changing world – and transform your business, your career or yourself tomorrow.

The non-credit program provides educational services which complement the academic program of the University. A variety of non-credit educational programs (conferences, seminars, workshops, institutes and short courses) are offered throughout the year. Registration is open to all persons who have a desire for knowledge and an interest in the subject matter. Programs offered through the Division of Continuing Education do not receive state appropriations; therefore, fees to support these programs are charged to participants.

The following subject areas are offered throughout the year in a variety of formats, from one-day to semester-length courses. Please call the Division of Continuing Education at (904) 620-4200 and we will send you specific program information and course dates, or visit our web site at www.ce.unf.edu.

Center for Professional Development

Many new programs are being developed for this year. Please visit our website at www.ce.unf.edu or call a member of our Customer Care Team at (904) 620-4200 for the most up-to-date program information.

Certificate Programs

- Effective Business Writing and Grammar
- Instructional Systems Design
- Essentials of Leadership
- Leveraging Success: Harvard Law School's Seven Elements of Successful Negotiation
- Essential Supervisory and Management Skills -Introduction

- Essential Supervisory and Management Skills-Advanced
- Web-based Training Certificate - From Concept to Execution
- Basic Mediations - Workplace Dispute Resolution
- Essentials of Human Resource Management

Project Management

- Project Management Fundamentals
- PMP Exam Preparation®
- Practical Microsoft Project Foundations
- Practical Microsoft Project Advanced Applications
- PMP Boot Camp
- Advanced Project Management Techniques

Management and Communication

- Assertive Communication for Professionals
- Effective Time Management and Organizational Skills
- Finance Non-financial Managers
- Giving Effective Performance Feedback
- How to Manage Problem Employees
- How to Value a Business
- Leading with Emotional Intelligence
- Managing Within the Law
- Microsoft® Office Suite – Tips and Timesavers
- Motivating and Retaining Key Employees
- Developing Productive & Committed Teams
- Savvy Business Etiquette
- Sharpening Your Presentation and Speaking Skills
- Resolving Employee Performance and Behavior Issues
- Successful Conflict Resolution
- Supervisor Boot Camp
- Talent Management

Test Preparation

- ACT Exam Preparation
- SAT Exam Preparation
- GRE Exam Preparation
- GMAT Exam Preparation
- PHR/SPHR Exam Preparation

Online Learning

- Healthcare
- Business
- Construction/ Automotive
- Internet/Graphic/Web Design
- Networking/CompTIA
- Video Game Design
- Personal Development
- Persona Enrichment
- Basic Computer Literacy

Occupational Spanish

The Division of Continuing Education is Northeast Florida's only licensed official registered provider of Command Spanish® programs. Programs are available for almost any industry from banking and mortgages to retail sales and real estate to manufacturing to law enforcement and healthcare. A few examples are:

- Doing Business in Latin America
- Community Spanish
- Spanish for Office Personnel
- Spanish for the Physician's Office
- Spanish for the Workplace
- Supervising Spanish-speaking Employees
- Spanish for Travelers

Customized Learning Solutions

Companies and organizations have begun to realize the money spent on training and developing their employees is better seen as an investment than a cost. Perhaps more importantly, they are aligning the training and development of their work force directly with business strategy to realize an even better return on that investment.

Employees are believers in lifelong learning, considering educational benefits and opportunities for improvement in productivity to be a key reason for joining and staying with an organization.

The Customized Learning Solutions department of the UNF Division of Continuing Education brings the up-to-date knowledge and techniques right to your place of work, shaped for the objectives and culture of your organization. While all of the courses are available on the UNF campus, most can be taught at your facility to maximize time, coordinate with shifts and schedules or to dovetail with your internal training and development resources.

In addition to these existing courses, the Division of Continuing Education will work with you to create training and development programs exclusively for you, your organization and the employees charged with carrying out your strategic plan. Call (904) 620-4280 for more information.

Center for Leadership

The Division of Continuing Education has created a comprehensive program to both motivate and empower those who have responsibility for the future direction of their organizations now – and for those who have acquired or significantly expanded their general management responsibilities.

The Center for Leadership is designed for three different types of leaders:

- C-level executive leaders who currently run their companies and organizations,

- Emerging leaders who could benefit from expert instruction and coaching that will take them to the next level of leadership, and
- Managers and supervisors responsible for day-to-day operations.

Whether you are looking to build your own leadership skills or prepare the talent you have designated for the future, you can count on UNF to offer world class programs that:

- Build highly effective organizations,
- Improve marketplace performance, and
- Return bottom line results.

Conferences

The Division of Continuing Education's Department of Conference Services and Special Events provides professional management services for businesses, organizations and professional associations. Programs can be held on the UNF campus, at business sites or at appropriate hotel or resort locations. Our services include, but are not limited to:

- Pre-conference planning
- Market/promotional planning
- Web site development
- Logistics Management
- Registration, fee collection and account management
- Site negotiations and arrangements
- On-site management
- Program evaluation and follow-up
- Continuing Education Units (CEUs)

With our assistance, sponsors retain total control of program content and delivery while being relieved of the administrative details. For more information, please call (904) 620-4270. The following are examples of some of the conferences we plan, promote and manage annually:

- Annual African American Professionals Conference
- Annual Excellence in Employee Development Awards
- Annual Administrative Professionals Conference & Expo
- Southeastern WorkKeys Conference

Center for Economic & Workforce Development

Sustained economic growth is the lifeline of Jacksonville and its surrounding counties. When new workforce skills are required by a relocating company, or an existing company desires to raise the skill level of its current workforce to compete in a broader market, they turn to the Division of Continuing Education. The Center for Economic & Workforce Development has experts who can provide skills assessment, customized training development and implementation. We have a proven track record of providing effective higher-level and vocational training to our customers. Let us help you design and deliver a workforce training program to meet your business needs.

Railroad Institute

- Individualized Certification programs
- Customized Training Solutions for the Transportation Industry

Workforce Skills Assessment

- WorkKeys specializing in the Florida Ready to Work Credential

Logistics Institute

- Individualized Certification programs
- Customized Training Solutions for Companies

Environmental & Safety Institute (Program in Development)

Legal Studies Institute

Embark on a career in the exciting and rewarding legal profession. The Legal Studies Institute offers you the opportunity to expand your knowledge of legal procedures and increase your chances for a promotion. A paralegal is a person who performs specifically delegated substantive legal work for which a lawyer is responsible. The Institute offers four types of certificates: Legal Secretary, Paralegal, Paralegal/Legal Secretary Dual, and Paralegal CLA Prep.

Osher Lifelong Learning Institute

The Osher Lifelong Learning Institute (OLLI) is a program for people aged 50 and above who wish to continue to grow in areas that they may not have had an opportunity to pursue while in active employment. OLLI offers a rich array of programs and events for adult learners. You can explore the liberal arts—humanities, social sciences, and natural sciences—in an atmosphere that is intellectually challenging but without the stress of tests and grades. Examine a good book or THE Good Book; discover a new talent such as mah jong or photography; or experience fine wine or fine music. Members thoroughly enjoy interacting with outstanding faculty and fellow adult learners. OLLI: For the time of your life!

Center for Quality

The primary programs offered are Lean Enterprise, Six Sigma, Lean Six Sigma, ISO 9001 and Kepner-Tregoe. In addition to the primary programs, the Center offers an array of shorter training classes and consulting in more than 30 specific productivity and quality improvement tools. All of the Center's programs are directed to helping organizations address three key areas that directly impact profitability – productivity, customer satisfaction and quality.

Six Sigma:

- Six Sigma Executive Briefing
- Six Sigma Leadership / Deployment Training
- Six Sigma Champion Training
- Six Sigma Overview

- Six Sigma Green Belt
- Six Sigma Green Belt for Service Organizations
- Six Sigma Black Belt
- Six Sigma Black Belt for Service Organizations
- Six Sigma Green Belt to Black Belt
- Six Sigma Green Belt to Black Belt for Service Organizations
- Six Sigma Black Belt Certification Review
- Lean Six Sigma Yellow Belt for Service Organizations
- Lean Six Sigma Green Belt for Service Organizations
- Lean Six Sigma Black Belt for Service Organizations

Quality Systems:

- ISO 9001:2000: an Executive Briefing
- Understanding ISO 9001:2000
- ISO 9001:2000 Internal Auditing
- Understanding ISO/TS 16949:2002
- ISO/TS 16949:2002 Internal Quality Auditing
- ISO 14001 EMS
- Malcolm Baldrige National Quality Award

Improvement Tools and Methods:

- Advanced Quality Planning (AQP)
- Design Failure Mode & Effects Analysis (Design FMEA)
- Geometric Dimensioning and Tolerancing (GD&T)
- Mistake Proofing
- Process Failure Mode & Effects Analysis with Control Plans and Reaction Plans (Process FMEA)
- Production Part Approval Process (PPAP)
- Project Management
- Quality Function Deployment (QFD)

Lean Enterprise:

- Lean Enterprise: An Executive Briefing
- The Lean Enterprise Executive Overview
- Lean Enterprise Basics
- Lean for the Office
- Introduction to the Kaizen Methodology
- The Kaizen Tools—Enterprise Continuous Improvement
- The Kaizen Pilot—Enterprise Continuous Improvement
- 5S Enterprise Housekeeping
- The 5S Pilot
- Workplace Diversity & Management of Change

Kepner-Tregoe:

- Kepner-Tregoe: An Executive Briefing
- Kepner-Tregoe: Problem Solving and Decision Making
- Kepner-Tregoe: Analytical Troubleshooting

Statistical Methods:

- Statistical Analysis for Process Improvement (SAPI)
- Design of Experiments I (DOE I)
- Design of Experiments II (DOE II)
- Measurement System Assessment I (MSA I)
- Measurement System Assessment II (MSA II)
- Statistical Process Control I (SPC I)
- Statistical Process Control II (SPC II)
- Short Run Statistical Process Control (Short Run SPC)

Appendix A

University Officers, Faculty & Staff

Executive Staff

John A. Delaney, J.D. (University of Florida) President

Mark E. Workman, Ph.D. (University of Pennsylvania) Provost and Vice President for Academic Affairs; Professor, Department of English

Thomas S. Serwatka, Ph.D. (Kent State University) Vice President and Chief of Staff; Professor, Department of Exceptional Student and Deaf Education (Deaf Education)

Pierre N. Allaire, Ph.D. (University of Louisville) Vice President for Institutional Advancement

Mauricio Gonzalez, Ph.D. (Florida State University) Vice President for Student and International Affairs; Professor (Affiliate Appointment), Department of Leadership, Counseling and Instructional Technology

Rachelle Gottlieb, M.A. (University of Texas, Austin) Vice President for Human Resources

Janet D. Owen, J.D. (Stetson University) Vice President for Governmental Relations

Shari A. Shuman, M.P.A. (University of North Florida) Vice President for Administration and Finance

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

Deans

Pamela S. Chally, Ph.D. (Georgia State University) **R.N.**, Dean, Brooks College of Health; Associate Vice President for Academic Affairs; Professor, School of Nursing

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

Larry G. Daniel, Ph.D. (University of New Orleans) Dean, College of Education and Human Services; Professor, Department of Counseling and Educational Leadership (Educational Leadership)

David E. W. Fenner, Ph.D. (University of Miami) Dean of the Graduate School; Associate Professor, Philosophy with collaborative appointment in the Department of Leadership, Counseling and Instructional Technology

Shirley Hallblade, Ph.D. (University of Iowa) Dean of the Thomas G. Carpenter Library

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

John P. McAllister, Ph.D. (Pennsylvania State University) CPA, Dean, Coggin College of Business; Professor, Department of Accounting and Finance (Accounting)

Robert Wood, M.P.A. (Indiana University) Dean, Division of Continuing Education

Faculty

Myrna “Trudy” Abadie-Fail, M.F.A. (Savannah College of Art and Design) Assistant Professor, Department of Art and Design

Bettie M. Adams, M.Acc (Florida State University) CPA, CIA, CFP, ChFC Assistant Professor, Department of Accounting and Finance

John Adams, Ph.D. (Texas Tech University) Assistant Professor, Department of Account and Finance (Finance)

Ronald J. Adams, Ph.D. (University of Georgia) Professor, Department of Marketing and Logistics (Marketing)

Ajayi O. Adewale, Ph.D. (University of Akron) PE, Associate Professor, School of Engineering (Mechanical Engineering)

Gregory A. Ahearn, Ph.D. (Arizona State University) Professor and Graduate Coordinator, Department of Biology

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

William D. Ahrens, M.S.N. (University of Alabama at Birmingham) R.N. Instructor, School of Nursing

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

Krista A. Albrecht, M.A. (Murray State University) Instructor, Department of Communication (Speech)

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

Faiz Al-Rubae, Ph.D. (New York University/Courant Institute) Associate Professor, Department of Mathematics and Statistics (Mathematics)

Gretchen E. Ames, Ph.D. (University of Florida) Department of Psychology (Clinical Psychology)

Laura L. Ammon, Ph.D. (Claremont Graduate University) Assistant Professor, Department of Philosophy (Religious Studies)

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

Irma B. Ancheta, Ph.D., R.N. (University of South Florida) Assistant Professor, School of Nursing

John E. Anderson, Ph.D. (Harvard University) Senior Research Lecturer, Department of Chemistry and Physics (Physics)

Seth C. Anderson, Ph.D. (University of North Carolina) CFA, Kathryn Magee Kip Professor of Financial Services, Professor of Finance

Mark Ari, M.F.A. (Brooklyn College - CUNY) Instructor, Department of English (English)

Lynne Arriale (Wisconsin Conservatory of Music) Assistant Professor, Department of Music

David Atherton (University of Florida) Laboratory Lecturer, Department of Chemistry and Physics (Chemistry)

Owiredu Baffour, M.F.A. (Auburn University) Assistant Professor, Department of Art and Design (Graphic Design)

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

Mina N. Balamoune-Lutz, Ph.D. (Northeastern University) Associate Professor, Department of Economics and Geography

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

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

Thomas L. Barton, Ph.D. (University of Florida) CPA, Kathryn and Richard Kip Professor of Accounting, Department of Accounting and Finance (Accounting)

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

Jacqueline J. Batey, Ph.D. (University of Florida) Assistant Professor, Department of Childhood Education (Primary Education)

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

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

Joel W. Beam, Ed.D. (University of North Florida) ATC, LAT, Associate Professor, Department of Athletic Training and Physical Therapy (Athletic Training)

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

Michele S. Bednarzyk, M.N. (University of South Carolina) ARNP, B.C., Instructor, School of Nursing

Tiffany Beechy, Ph.D. (University of Oregon) Assistant Professor, Department of English

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

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

Jeanette Berger, Ph.D. (Indiana University of Pennsylvania) Instructor, Department of English

Krzysztof Biernacki, D.M.A. (University of British Columbia) Department of Music (Music/Voice)

Rebecca Bliss, M.A. (University of North Florida) Department of Foundations and Secondary Education (English Education)

Kathaleen C. Bloom, Ph.D. (University of Florida) C.N.M. Professor and Prelicensure Coordinator, School of Nursing

Robert H. Bohle, Ph.D. (University of Tennessee) Professor, Department of Communication (Communications/Journalism)

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Linda A. Foley, Ph.D. (University of Florida) Professor, Department of Psychology; Distinguished Professor, 1982

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

Elizabeth L. Furdell, Ph.D. (Kent State University) Professor, Department of History; Distinguished Professor, 2002

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Gerard R. Giordano, Ph.D. (Ohio State University) Professor, Department of Exceptional Student and Deaf Education

Tayeb A. Giuma, Ph.D. (University of Miami) Associate Professor, School of Engineering (Electrical Engineering)

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

David Goff, Ph.D. (University of Massachusetts - Amherst) Professor and Chair, Department of Communication (Communication Studies)

Mauricio Gonzalez, Ph.D. (Florida State University) Vice President for Student and International Affairs; Professor (Affiliate Appointment), Department of Leadership, Counseling and Instructional Technology

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Vernice “Bunky” Green, M.M. (Northwestern University) Director of Jazz Studies, Professor, Department of Music (Music)

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

Gregory Gundlach, Ph.D. (University of Tennessee) Eminent Scholar, Department of Marketing and Logistics (Marketing)

Saurabh Gupta, Ph.D. (University of Georgia) Assistant Professor, Department of Management (Management Information Systems)

Sandra L. Gupton, Ed.D. (University of North Carolina/ Greensboro) Professor, Department of Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

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

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

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

Katrina W. Hall, Ph.D. (University of Florida) Assistant Professor, Department of Childhood Education (Pre-K and Primary Education)

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

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

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

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

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Michael J. Herkov, Ph.D. (Auburn University) Associate Professor, Department of Psychology

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

Stephen Heywood (Edinboro - University of Pennsylvania) Assistant Professor, Department of Art and Design (Ceramics)

Paul N. Higbee, M.A. (Central Michigan University) Instructor, School of Computing

Aaron Hilliard, Ph.D. (Meharry Medical College) Courtesy/ Clinical Professor, Brooks College of Health

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

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Anne H. Hopkins, Ph.D. (Syracuse University) Professor, Department of Political Science and Public Administration

Paula Horvath-Neimeyer, Ph.D. (University of Florida) Instructor, Department of Communication (Journalism)

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Ellen A. Housel, M.F.A. (Florida State University) Assistant Professor, Department of Art and Design (Photography)

Elissa Howard-Barr, Ph.D. (University of Florida) Assistant Professor, Department of Public Health

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Jay S. Huebner, Ph.D. (University of California-Riverside) Professor Emeritus and Visiting Research Professor, Department of Chemistry and Physics (Physics); Distinguished Professor, 1980

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Jerzy J. Karylowski, Ph.D. (University of Warsaw) Professor, Department of Psychology; Distinguished Professor, 1995

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A. Samuel Kimball, Ph.D. (University of Florida) Professor and Chair, Department of English

Pattanaporn "Aye" Kitsabunnarat, Ph.D. (University of Wisconsin-Milwaukee) Assistant Professor, Department of Accounting and Finance (Finance)

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William Klostermeyer, Ph.D. (University of Florida) Professor, School of Computing

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Michael Lentz, Ph.D. (University of Alabama at Birmingham) Associate Professor and Director of Pre-Med Program, Department of Biology

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Daniel C. Moon, Ph.D. (University of South Florida) Assistant Professor, Department of Biology

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W. Allen Moore, Jr., Ph.D. (Virginia Commonwealth University) **P.T.**, Assistant Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

Donald Moores, Ph.D. (University of Illinois), Professor, Department of Exceptional Students and Deaf Education (Deaf Education)

Paul M. Mosley, M.S.L.S. (Florida State University) Associate University Librarian

Debra L. Murphy, Ph.D. (Boston University) Associate Professor and Chair, Department of Art and Design (Art History)

Siho Nam, Ph.D. (Pennsylvania State University) Assistant Professor, Department of Communication (Mass Communication)

Dag Näslund, Ph.D. (Lund School of Business and Economics) Associate Professor, Department of Management (Management)

Meiko Negishi, Ph.D. (Mississippi State University) Department of Foundations and Secondary Education

Frederick Nelson, M.S. (Kansas State University) Instructor, Department of Foundations and Secondary Education

Betsy Nies, Ph.D. (University of Florida) Associate Professor, Department of English

Stephan Nix, Ph.D. (University of Florida) Director and Professor, School of Engineering (Environmental Engineering) College of Computing, Engineering and Construction

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

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Cynthia Nyquist-Battie, Ph.D. (University of California Los Angeles - Irvine) Professor, Department of Public Health

David Nyquist, Ph.D. (University of Northern Illinois) Laboratory Lecturer, Department of Chemistry and Physics (Chemistry)

Judith D. Ochrietor, Ph.D. (Ohio State University) Assistant Professor, Department of Biology

Reid Oetjen, Ph.D. (University of Central Florida) Assistant Professor, Department of Public Health (Health Administration)

Barbara J. Olinzock, Ed.D. (University of North Florida) **R.N.**, Assistant Professor, School of Nursing

Lauren O'Shields, M.L.I.S. (University of South Carolina) Assistant University Librarian

Ronghua Ouyang, Ed.D. (Indiana University of Pennsylvania) Chairperson, Department of Childhood Education, and Professor (Curriculum and Instruction)

Crystal L. Owen, Ph.D. (Ohio State University) Assistant Professor, Department of Management (Management)

Marcus Pactor, MFA (Texas State University) Instructor, Writing Program

John H. Parmelee, Ph.D. (University of Florida) Associate Professor, Department of Communication (Journalism)

Nirmal Patel, Ph.D. (Sardar Patel University) Laboratory Lecturer, Department of Chemistry and Physics (Physics)

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

Karen B. Patterson, Ph.D. (Kent State University) Assistant Professor and Program Leader, Exceptional Student Education, Department of Exceptional Student and Deaf Education

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

Antony Paulraj, D.B.A. (Cleveland State University) Assistant Professor, Department of Management (Management)

Krista E. Paulsen, Ph.D. (University of California-Santa Barbara) Associate Professor and Graduate Coordinator, Department of Sociology and Anthropology (Sociology)

Charles R. Paulson, Ph.D. (University of Iowa) Associate Professor, Biology, and Director, Honors Program

Steven K. Paulson, Ph.D. (Iowa State University) Blanche and Luther Coggin Professor of Management; Department of Management (Management); Distinguished Professor, 1989

Rujikorn Pavasuthipaisit, Ph.D. (Princeton University) Assistant Professor, Department of Economics and Geography (Economics)

John Pechonick, M.S. (University of Missouri, Rolla) Laboratory Lecturer, Department of Chemistry and Physics (Chemistry)

Thomas Pekarek, Ph.D. (Purdue University) Professor, Department of Chemistry and Physics (Physics)

Susan M. Perez, Ph.D. (University of California, Riverside) Assistant Professor, Department of Psychology (Developmental Psychology)

Judy E. Perkin, Dr.P.H. (University of Texas Health Science Center at Houston School of Public Health) **RD, CHES,** Professor and Chair, Department of Public Health

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

Sarah M. Philips, M.Ln. (Emory University) University Librarian

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

J. Patrick Plumlee, Ph.D. (Rice University) Associate Professor and Graduate Coordinator, Department of Political Science and Public Administration

Jyotsna Pradhan, Ph.D. (University of Saskatchewan) Assistant Professor, Department of Chemistry and Physics (Chemistry)

Frederick D. Pragasam, M.B.A. (Case Western Reserve University) Instructor, Department of Marketing and Logistics (Marketing)

Zornitza G. Prodanoff, Ph.D. (University of South Florida) Assistant Professor, School of Computing

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

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

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

Gordon Rakita, Ph.D. (University of New Mexico) Assistant Professor, Department of Sociology and Anthropology (Anthropology)

Maria Ramdas, M.A. (University of North Florida) Resident Clinical Faculty, Department of Special Education

Rama M. Rao, Ph.D. (Madurai University) Associate Professor, Department of Mathematics and Statistics (Mathematics)

Christine E. Rasche, Ph.D. (Washington University) Associate Professor, Department of Criminology and Criminal Justice

Robert Reifsneider, Jr., B.S. (University of North Florida) Laboratory Lecturer, Department of Chemistry and Physics (Chemistry)

F. Dan Richard, Ph.D. (Texas Christian University) Interim Director, Office of Faculty Enhancement, and Associate Professor, Department of Psychology

Rose Marie Rine, Ph.D. (Northeastern University) **P.T.,** Associate Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

Phillip S. Riner, Ed.D. (University of North Carolina-Greensboro) Professor, Department of Foundations and Secondary Education

Len Roberson, Ph.D. (Gallaudet University) Chair and Associate Professor, Department of Exceptional Student and Deaf Education; Director, Deaf Education Program

Barbara Roberts, M.A. (University of North Florida) Instructor, Department of English

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

Timothy H. Robinson, Ph.D. (University of Texas at Austin) Affiliated Professor of Applied Linguistics, Department of World Languages

Judith C. Rodriguez, Ph.D. (Rutgers University) Professor, Department of Public Health (Nutrition)

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

William Romanchick, Ph.D. (University of Pennsylvania) Department of Chemistry and Physics (Chemistry)

Sidney B. Rosenberg, Ph.D. (Georgia State University) Associate Professor, Department of Accounting and Finance (Real Estate), William F. Sheffield Professor of Real Estate

Cliff Ross (University of California, Santa Barbara) Assistant Professor, Department of Biology

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

N. Harry Rothschild, Ph.D. (Brown University) Assistant Professor, Department of History

Connie Roush, Ph.D. (University of Washington) **R.N.**, Assistant Professor, School of Nursing

Paul W. Rowe, MAT (Jacksonville University) Instructor, Department of Mathematics and Statistics (Mathematics)

Randall J. Russac, Ph.D. (Arizona State University) Associate Professor and Coordinator for the MAGP Program, Department of Psychology

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

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

A. Coskun Samli, Ph.D. (Michigan State University) Research Professor, Department of Marketing and Logistics (Marketing and International Business)

Arturo J. Sanchez-Ruiz, Ph.D. (Rensselaer Polytechnic Institute) Associate Professor, School of Computing

Allan N. Sander, Ph.D. (Florida State University) Professor, Department of Foundations and Secondary Education (Physical Education)

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

Dawn M. Saracino, M.H.S. (University of Florida) **P.T., NCS**, Instructor, Department of Athletic Training and Physical Therapy (Physical Therapy)

Judith J. Sayre, M.A. (University of Florida) Assistant Professor, Department of Communication (Advertising)

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

Elinor A. Scheirer, Ph.D. (Ohio State University) Acting Chair and Professor, Department of Leadership, Counseling and Instructional Technology (Curriculum Studies, Qualitative Research)

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

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

Robert W. Schupp, J.D. (University of Florida) Associate Professor, Department of Management (Business Law)

David Schwam-Baird, Ph.D. (Tulane University) Associate Professor, Department of Political Science and Public Administration

Shira Schwam-Baird, Ph.D. (Tulane University) Associate Professor and Coordinator, Department of World Languages (French)

Cynthia G. Scott, Ph.D. (Southern Illinois University) Professor, Department of Public Health (Rehabilitation Counseling)

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

Kyle A. Scott, Ph.D. (University of Houston) Assistant Professor, Department of Political Science and Public Administration

Renee S. Scott, Ph.D. (University of California-Berkeley) Professor, Department of World Languages (Spanish)

Pali Sen, Ph.D. (Ohio State University) Professor and Graduate Director, Department of Mathematics and Statistics (Statistics)

Thomas S. Serwatka, Ph.D. (Kent State University) Vice President and Chief of Staff; Professor, Department of Exceptional Student and Deaf Education (Deaf Education)

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

Jacqueline Shank, M.S. (Florida State University) **R.D.**, Instructor, Department of Public Health (Nutrition)

Adam Shapiro, Ph.D. (University of Texas at Austin) Chair and Associate Professor, Department of Sociology and Anthropology (Sociology)

Sherry Shaw, Ed.D. (University of Memphis) Department of Exceptional Student and Deaf Education, ASL/English Interpreting

Aaron Sheehan-Dean, Ph.D. (University of Virginia) Associate Professor, Department of History

David L. Sheffler, Ph.D. (University of Wisconsin-Madison) Assistant Professor, Department of History

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

David B. Show, M.A. (McDaniel College) Instructor of American Sign Language, Department of Exceptional Student and Deaf Education

Toazmin Siddiqui, M.S. (Georgia State University) Laboratory Lecturer, Department of Chemistry and Physics (Physics)

Suzanne Simon, Ph.D. (New School University) Assistant Professor, Department of Sociology and Anthropology (Anthropology)

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

A. Russell Smith, Jr., Ed.D. (University of North Florida) **P.T., OCS**, Chair and Associate Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

G. Pritchey Smith, Ed.D. (North Texas State University) Professor, Department of Foundations and Secondary Education (Multicultural Education; Sociological Foundations of Education)

Jillian Smith, Ph.D. (Pennsylvania State University) Assistant Professor, Department of English

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

Linda Smith, M.N. (University of South Carolina) Courtesy/ Assistant Professor, School of Nursing

Linda L. Smith, M.L.S. (University of North Carolina-Chapel Hill) University Librarian

Michael P. Smith, Ed.D. (Ball State University) Associate Professor, Department of Foundations and Secondary Education (Art Education)

David B. Snow, M.S. (McDaniel College) Instructor, Department of Exceptional Student and Deaf Education

Judith L. Solano, Ph.D. (Florida State University) Associate Professor and Director, School of Computing, College of Computing, Engineering and Construction

Nile V. Stanley, Ph.D. (University of Florida) Associate Professor, Department of Childhood Education (Primary and Elementary Education)

Victoria T. Stanton, M.S.L.S. (University of Kentucky) University Librarian

Jeffrey W. Steagall, Ph.D. (University of Wisconsin at Madison) Richard deRaimes Kip Professor of International Business; Professor, Department of Economics and Geography (Economics) Director, International Business Program and Center for International Business Studies

Robert V. Stern, Ph.D. (Florida State University) Laboratory Lecturer, Department of Chemistry and Physics (Chemistry)

Christie Stevenson, M.A. (University of North Florida) Resident Clinical Faculty, Department of Childhood Education

Gerald J. Stine, Ph.D. (University of Delaware) Professor, Department of Biology

Carolyn B. Stone, Ed.D. (University of Florida) Professor, Department of Leadership, Counseling and Instructional Technology (School Counselor Education)

Menia Stone, Ed.D. (University of Miami) Instructor, Department of Childhood Education (Elementary Education)

Harriet A. Stranahan, Ph.D. (University of Washington) Associate Professor, Department of Economics and Geography (Economics)

Brian J. Striar, Ph.D. (Claremont Graduate School) Associate Professor, Department of English

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

Michael Stultz, M.A. (McDaniel College) Instructor of American Sign Language, Department of Exceptional Student and Deaf Education

Stanley L. Swart, Ph.D. (Northwestern University) Associate Professor, Department of Criminology and Criminal Justice

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

Dean A. Swinford, Ph.D. (University of Florida) Instructor, Department of English (English)

Alissa Hurwitz Swota, Ph.D. (University at Albany, State University of New York) Assistant Professor, Department of Philosophy

Susan Syverud, Ph.D. (University of Wisconsin - Madison) Assistant Professor, Department of Exceptional Student and Deaf Education

Diane L. Tanner, M.Acc (University of North Florida) **CPA**, Senior Instructor, Department of Accounting and Finance (Accounting)

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

Marjory Templeton, M.B.A. (University of Rochester) Instructor, Department of Management (Management Information Systems)

Charles "Chuck" A. Thigpen, Ph.D. (University of North Carolina) **P.T.**, Assistant Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

Henry B. Thomas, D.P.A. (University of Southern California) Associate Professor, Department of Political Science and Public Administration

Jenifer Thorn, Ph.D. (Florida State University) Instructor, Department of Foundations and Secondary Education (Physical Education)

358 University Officers, Faculty & Staff

Brian Patrick Thornton, Ph.D. (University of Utah)
Associate Professor, Department of Communications

Robert L. Thunen, Ph.D. (Northwestern University)
Assistant Professor, Department of Sociology and Anthropology
(Anthropology)

Crystal Timmons, M.Ed. (University of North Florida)
Instructor, Office of Field Experiences, College of Education and
Human Services

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

Jingcheng Tong, Ph.D. (Wayne State University) Professor,
Department of Mathematics and Statistics (Mathematics)

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Lecturer, Department of Chemistry and Physics (Chemistry)

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Assistant Professor, School of Computing

Verna Urbanski, M.A. (University of Kansas) **M.L.S.** (State
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M. Reza Vaghefi, Ph.D. (Michigan State University)
Professor, Department of Management (Management)

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(International Management)

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(Educational Research)

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Professor, Department of Exceptional Student and Deaf
Education

Susan Vasana, Ph.D. (Queen's University) Assistant
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John J. Venn, Ph.D. (University of Florida) Professor,
Department of Exceptional Student and Deaf Education

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Professor, Department of Chemistry and Physics (Chemistry)

Jacob M. Vigil, Ph.D. (University of Missouri) Assistant
Professor, Department of Psychology

Rico L. Vitz (University of California at Riverside) Assistant
Professor, Department of Philosophy

William R. Voorhees, Ph.D. (Indiana University) Assistant
Professor, Department of Political Science and Public
Administration

Timothy M. Vowles, Ph.D. (University of Denver) Assistant
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Debra Wagner, M.S. (University of Utah) **A.R.N.P., C.N.M.**,
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Department of English (Literature)

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Accounting and Finance (Accounting)

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Associate Professor, School of Computing

Susan R. Wallace, Ph.D. (University of North Texas)
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Psychology)

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

Julia A. Watkins, Ph.D. (University of South Carolina)
Assistant Professor, Department of Public Health (Nutrition)

Kristine Webb, Ph.D. (University of New Mexico) Director,
Disability Resource Center and Associate Professor, Department
of Exceptional Student and Deaf Education

Christine Weber, Ph.D. (Texas A&M University) Assistant
Professor, Department of Childhood Education (Elementary and
Gifted Education)

Sally Weerts, Ph.D. (University of Minnesota) Assistant
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Bart Welling, Ph.D. (University of Virginia) Assistant
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Professor of Engineering and Executive Director of the
Advanced Weather Information Systems (AWIS) Laboratory

Jennifer K. Wesely, Ph.D. (Arizona State University)
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Department of Criminology and Criminal Justice

Darren A. Wheeler, Ph.D. (Miami University - Ohio) Assistant Professor, Department of Political Science and Public Administration (American Government and Politics)

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Kenneth T. Wilburn, Ph.D. (Florida State University) Associate Professor, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

Sharon T. Wilburn, Ph.D. (University of Florida) Associate Professor, Department of Public Health

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

Jeffrey Will, Ph.D. (University of Massachusetts) Professor, Department of Sociology and Anthropology (Sociology) and Director of Center for Community Initiatives

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

Lunetta M. Williams, Ph.D. (University of Florida) Assistant Professor, Department of Childhood Education (Literacy Education)

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

Kathleen Witsell, M.A. (University of North Florida) Resident Clinical Faculty, Department of Childhood Education

Peter Wludyka, Ph.D. (Clemson University) Associate Professor, Department of Mathematics and Statistics (Statistics)

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

John Wooschlager, Ph.D. (Northwestern University) Associate Professor, School of Engineering (Civil Engineering)

Mark E. Workman, Ph.D. (University of Pennsylvania) Provost and Vice President for Academic Affairs; Professor, Department of English

Gregory Wurtz, Ph.D. (University of Technology Troyes - France) Assistant Professor, Department of Chemistry and Physics (Physics)

Richmond D. Wynn, M.S. (University of North Florida) Instructor, Department of Public Health

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

Guy Yehuda, M.M. (Indiana University) Department of Music (Music)

Lynne-Marie Young, M.Ed. (University of Southwestern Louisiana) Instructor, Department of Athletic Training and Physical Therapy (Athletic Training)

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

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

Mei Zhao, Ph.D. (Virginia Commonwealth) Assistant Professor, Department of Public Health (Health Administration)

Ronald J. Zucker, M.S. (Troy State University in Montgomery) Instructor, School of Computing

Emeriti Faculty

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

Richard Bizot, Ph.D. (University of Virginia) Professor Emeritus of English; Distinguished Professor, 1999.

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

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

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

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

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

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

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

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

James B. Crooks, Ph.D. (Johns Hopkins University) Professor Emeritus of History; Distinguished Professor, 1992

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

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, 1991

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

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

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

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

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

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

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

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

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

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

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

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

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

Thomas M. Leonard, Ph.D. (American University) Professor, Emeritus of History; Distinguished Professor, 1985

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

Frank S. McLaughlin, Ph.D. (University of Florida) Professor Emeritus of Management and Quantitative Methods; Distinguished Professor, 1981

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

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

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

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

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

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

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

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

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

Daniel Schafer, Ph.D. (University of Minnesota) Professor Emeritus of History; Distinguished Professor, 1996

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

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, 1990

Bette J. Soldwedel, Ed.D. (New York University) Professor Emeritus of Education; Distinguished Professor, 1979 (deceased)

Ann H. Stoddard, Ed.D. (University of Georgia) Professor Emeritus of Education

E. Allen Tilley, Ph.D. (University of Iowa) Professor Emeritus of English; Distinguished Professor, 1997

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

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

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

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

William J. Wilson, Ph.D. (Texas A&M University) Professor Emeritus of Statistics; Distinguished Professor, 2004

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

Gerson Yessin, Mus.D. (Florida State University) Professor Emeritus and Founding Chair, Department of Music; Distinguished Professor, 1986

Naval Science (NROTC) Staff Officers

Lee A. Steele, M.S. (P. G. Monterey) Captain, U.S. Navy, Professor of Naval Science

D. Benton Howard, M.S. (P. G. Monterey) Commander, U.S. Navy, Asst. Professor of Naval Science

Ms. Diana L. Tanner, 1999
 Dr. Ellen M. Wagner, 1999
 Dr. B. Jay Coleman, 2000
 Dr. John A. Eisler, 2000
 Dr. Cheryl J. Frohlich, 2000
 Dr. William R. Holcomb, 2000
 Dr. Rebecca A. Marcon, 2000
 Dr. Debra L. Murphy, 2000
 Dr. Jeffrey W. Steagall, 2000
 Dr. David T. Courtwright, 2001
 Dr. J. Michael Francis, 2001
 Dr. Adel N. Boules, 2001
 Dr. Michael Lentz, 2001
 Dr. Kim B. Capriotti, 2001
 Dr. Lilla M. Loriz, 2001
 Dr. Yap S. Chua, 2001
 Dr. Sharon C. Cobb, 2002
 Dr. Daniel Dreibelbis, 2002
 Dr. Roger E. Eggen, 2002
 Dr. Edward A. Johnson, 2002
 Dr. Hans Herbert Kögler, 2002
 Dr. Kristine Webb, 2002
 Dr. Pamela A. Zeiser, 2002
 Dr. Sanjay P. Ahuja, 2003
 Dr. Homer L. Bates, 2003
 Dr. Peter Braza, 2003
 Dr. Cory R. Fine, 2003 (deceased)
 Dr. Len Roberson, 2003
 Dr. Behrooz Seyed-Abbasi, 2003
 Ms. Diane L. Tanner, 2003
 Dr. Berrin A. Beasley, 2004
 Dr. Kathaleen C. Bloom, 2004
 Dr. Ray D. Bowman, 2004
 Dr. Stuart J. Chalk, 2004
 Dr. Rebecca A. Marcon, 2004
 Dr. David M. Schwam-Baird, 2004
 Dr. M. Lynn Woolsey, 2004
 Dr. Faiz B. Al-Rubae, 2005
 Dr. Catherine Cavanaugh, 2005
 Dr. David T. Courtwright, 2005
 Dr. Jace Hargis, 2005
 Dr. Christopher J. Joyce, 2005
 Dr. Donna M. Keenan, 2005
 Dr. Anthony M. Rossi, 2005
 Mr. Mark Ari, 2006
 Dr. Yemisi A. Bolumole, 2006
 Dr. Nick W. Hudyma, 2006
 Dr. Krista E. Paulsen, 2006
 Dr. Gordon F. M. Rakita, 2006
 Dr. M. Alexandra Schonning, 2006
 Dr. Pamela A. Zeiser, 2006
 Dr. Sharon C. Cobb, 2007
 Dr. Daniel Dreibelbis, 2007
 Dr. Jennifer J. Kane, 2007
 Dr. Barbara J. Kruger, 2007
 Mr. Dominick Martorelli, 2007
 Dr. Daniel C. Moon, 2007
 Dr. Thomas M. Pekarek, 2007
 Dr. Frederick D. Pragasam, 2007
 Mr. Russell Turney, 2007

Outstanding Graduate Teaching Award

Dr. Elinor A. Scheirer, 2007

Outstanding Faculty Scholarship Award

Dr. Denis R. Bell, 1998
 Dr. Chudley E. Werch, 1998
 Dr. Christopher T. Leone, 1999
 Dr. Kunisi S. Venkatasubban, 1999
 Mr. Andrew Farkas, 2000
 Dr. Iver Iversen, 2000
 Dr. Jerzy J. Karylowski, 2001
 Dr. A. Coskun Samli, 2001
 Dr. Thomas L. Barton, 2002
 Dr. David T. Courtwright, 2002
 Dr. Linda A. Foley, 2002
 Dr. B. Jay Coleman, 2003
 Dr. Daniel L. Schafer, 2003
 Dr. Cynthia A. Nyquist-Battie, 2004
 Dr. Theophilus C. Prousis, 2004
 Ms. Louise F. Brown, 2005
 Dr. Thomas M. Pekarek, 2005
 Dr. Elizabeth L. Furdell, 2006
 Dr. A. Samuel Kimball, 2006
 Dr. Anthony M. Rossi, 2007

Outstanding Faculty Service Award

Dr. Judith L. Solano, 1998
 Dr. Stephen L. Shapiro, 1998
 Dr. Christine E. Rasche, 1999
 Dr. Elinor A. Scheirer, 1999
 Ms. Kathleen F. Cohen, 2000
 Ms. Diane L. Tanner, 2000
 Dr. Faiz Al-Rubae, 2001
 Dr. William H. Tomlinson, 2001
 Dr. Ray D. Bowman, 2002
 Dr. Paul M. Mason, 2002
 Dr. Lucy B. Trice, 2002
 Dr. B. Jay Coleman, 2003
 Dr. Leonard J. Lipkin, 2003
 Dr. Paula H. Horvath-Neimeyer, 2004
 Dr. Judith C. Rodriguez, 2004
 Dr. Kathaleen C. Bloom, 2005
 Dr. Pamela S. Chally, 2005
 Dr. Christopher T. Leone, 2006
 Dr. Jeffrey E. Michelman, 2006
 Dr. Jeffrey W. Steagall, 2007
 Dr. Kristine Webb, 2007

Outstanding Undergraduate Advisor Award

Valerie Brooks-Clark, 1990
 Paul N. Higbee, 1991
 Donald K. Graham, 1991
 Arva W. Leath-Sufi, 1992
 Josephine Fraizer, 1993
 Michele Clements, 1994
 Norma R. Stice, 1995
 Rachel Broderick, 1996
 Michele Clements, 1997
 Valerie Holsey-Esguerra, 1998
 Kellie G. Woodle, 1999
 Rachel Broderick, 2000
 Katharine Brown, 2001
 Lisa Jamba, 2002

Angela Garcia, 2003
Keith E. Martin, 2004
Sandie Loach, 2005
Michael Murillo, 2006
Bruce Turner, 2007

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Appendix B

General Education Requirements

Native or Transfer Students with 0-59 (Freshman/Sophomore) Credits ***

<p>English Composition: 9 Credits</p> <p>Required *ENC 1101 G(W) College Writing 3 **LIT 2000 G(W) Introduction to Literature 3 LIT 2932 G(W) Themes and Types in Literature 3</p> <p><i>G(W) Courses require evaluated college-level writing and must be completed with a grade of C or higher. * ENC 1101 is a prerequisite for LIT 2000 and LIT 2932. ** LIT 2000 is a prerequisite for LIT 2932.</i></p> <p>Mathematics: 6 Credits</p> <p>Pending Math Placement. Some majors require specific courses. Consult your advisor.</p> <p>Choose 2: MGF 1106 G(M) Finite Math 3 MGF 1107 G(M) Explorations in Mathematics 3 MGF 1113 G(M) Mathematics for Teachers I 3 MAC 1105 G(M) College Algebra 3 MAC 1990 Int. College Algebra 4 MAC 1147 G(M) Precalculus 4 STA 2014 G(M) Elem. Stat. for Health & Soc. Sci. 3 *MAC 2233 G(M) Calculus for Business 4 *STA 2023 G(M) Elemen. Statistics for Business 3 MAC 2311 G(M) Calculus I (Prereq. MAC 1147) 4 MAC 2312 G(M) Calculus II 4</p> <p><i>* Prerequisite MAC 1105 or 1147 At least one course must have a mathematical prefix. G(M) Courses must be completed with a grade of C or higher.</i></p> <p>Humanities: 9 Credits</p> <p>a) Choose 1: EUH 1000 G(W) Freshman Core I 3 EUH 1001 G(W) Freshman Core II 3</p> <p>b) Choose 1: PHI 2010 G(W) Introduction to Philosophy 3 PHI 2100 G(W) Reasoning and Critical Thinking 3 PHI 2630 G(W) Contemporary Ethical Issues 3</p> <p><i>G(3) Courses in Part A and B will have evaluated college-level writing and must be completed with a grade of C or higher.</i></p> <p>c) Choose 1: ARH 2000 Art Appreciation 3 MUH 2012 Enjoyment of Music 3 MUH 2017 The History and Appreciation of Rock 3 MUH 2018 The Evolution of Jazz 3 ARH 2050 Art History Survey I 3 ARH 2051 Art History Survey II 3 MUT 1111 Theory I (Music dept. permission required.) 3</p> <p>Additional ARH/HUM/MUH courses may be taken to fulfill the non-applied fine art requirement.</p>	<p>Social Sciences 6 Credits</p> <p>Part A: Introductory Social Science. Choose 1: AMH 2020 U.S. History Since 1877 3 CCJ 2002 Crime in America 3 ECO 2013 Principles of Macroeconomics 3 POS 2041 Introduction to American Government 3 PSY 2012 Introduction to Psychology 3 SYG 2000 Introduction to Sociology 3</p> <p>Part B: CD - Cultural Diversity. Subject different from Part A. Choose 1: *ANT 2000 CD-Introduction to Anthropology 3 *GEO 2420 CD-Cultural Geography 3 ANT 2423 CD-Kinship and Family 3 ASN 2003 CD-Introduction to Asia 3 MMC 2701 CD-Communicating Across Cultures 3 PUP 2312 CD-Race/Gender/Politics 3 REL 2300 CD-Comparative Religion 3 SYG 2013 CD-Sex, Race and Social Class 3</p> <p><i>* Can satisfy either Part A or Part B but NOT BOTH. A complete list of CD courses are listed with the online schedule each semester.</i></p> <p>Natural Sciences: 6 Credits</p> <p>Some majors require specific courses. Consult your advisor. Select (2) Sciences for a total of 6 credit hours. At least one must be a lab science (courses including a lab are designated with a "C" in the course number).</p> <p>AST 2002 Astronomy 3 AST 2002 L Astronomy Lab 1 BSC 1005 C Principles of Biology (Non-Science majors) 4 BSC 1010 C General Biology (Science majors) 4 BSC 1930 Current Application in Biology 2 CHM 1025 C Introduction to Chemistry 3 CHM 2045 C General Chemistry I 4 ESC 2000 C Earth Science 3 *HUN 1001 Introduction to Nutrition Science ISC 2074 Colonizing Space 2 PHY 1020 C Introduction to Physics 3 PHY 2053 Algebra Physics I 3 PHY 2053 L Algebra Physics I Lab 1 PHY 2048 Calculus Physics I 4 PHY 2048 L Calculus Physics I Lab 1</p> <p><i>* Prerequisite BSC 1005C/1010C</i></p> <p>Total: 36 Credits</p> <p>*** This program meets the requirements for the UNF associate in arts (AA) degree. The award of the AA requires 60 credit hours, 30 hours of which must be in residence at UNF.</p>
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Transfer Students with 60+ (Junior/Senior) Credits **

Refer to Appendix C for a list of courses that will satisfy the Gordon Rule Composition and Mathematics requirements.

<p>Composition: 9 Credits</p> <p>English Composition I plus any combination of two English Composition or Literature courses which must contain college-level written work. <i>Grades of C or higher are required.</i></p> <p>Mathematics: 6 Credits</p> <p>Two courses at the college algebra level or higher. Only one course may be selected from Elementary Statistics or Symbolic Logic. <i>Grades of C or higher are required.</i></p> <p>Social Sciences: 6 Credits</p> <p>a) Any semester-length course selected from the following: anthropology, economics, geography, history, political science, psychology, or sociology.</p> <p>b) A social science course from a different disciplinary area from that selected above and which has significant emphasis on cultural</p>	<p>diversity in anthropology, economics, geography, history, political science, psychology or sociology.</p> <p>Humanities: 9 Credits</p> <p>Two courses chosen from history, philosophy or other humanities disciplines. <i>Grades of C or higher are required.</i> Additional courses may come from art history, history, literature, non-applied music history, philosophy, religion, theatre, and other courses with HUM prefixes. No more than one course may be used from each discipline.</p> <p>Natural Sciences: 6 Credits</p> <p>Six credit hours of laboratory science in astronomy, biology, chemistry, geology or physics. This requirement may be fulfilled with two 3-hour lab-sciences or a 4-hour lab-science and a 2- or 3-hour lecture course.</p> <p>Total: 36 Credits</p> <p>**Approved upper division courses may be used to satisfy these requirements.</p>
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Florida and Community College associate in arts (AA) degree graduates.

An associate in arts (AA) degree from a Florida public university or community college satisfies the general education requirements at UNF.

Total: 36 Credits

Appendix C

College-Level Communication & Computation Skills (Gordon Rule)

College-Level Communications and Computation

Skills (Gordon Rule) College-Level Communications and Computation Skills (Gordon Rule) State Rule 6A-10.030, College-Level Communication and Computation Skills, known as the Gordon Rule, applies to students who enroll in a Florida post-secondary 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 will meet this requirement through the completion of nine credit hours of English course work, three credit hours of freshman core and three credit hours of philosophy in which the student is required to demonstrate college-level writing skills. 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 of 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

AML 3031	G(W)	Periods of Early American Literature
AML 3041	G(W)	Periods of Later American Literature
AML 3102	G(W)	American Fiction
AML 3154	G(W)	American Poetry
AML 3621	G(W)	Black American Literature
ENC 1101	G(W)	College Writing
ENC 1102	G(W)	The Informed Writer
ENC 3250	G(W)	Professional Communications
ENC 3310	G(W)	Writing Prose
ENL 3112	G(W)	British Novel I
ENL 3132	G(W)	British Novel II
ENL 3501	G(W)	Periods of Early British Literature
ENL 3503	G(W)	Periods of Later British Literature
EUH 1000	G(W)	Freshman Core I
EUH 1001	G(W)	Freshman Core II
FIL 3030	G(W)	Introduction to Film Studies
FIL 3826	G(W)	American Film
HIS 3051	G(W)	The Craft of the Historian
LIT 2000	G(W)	Introduction to Literature
LIT 3043	G(W)	Modern Drama

LIT 3184	G(W)	Introduction to Irish Literature and Culture
LIT 3193	G(W)	Literature of the East
LIT 3304	G(W)	Literature of Popular American Culture
LIT 3331	G(W)	Children’s Literature
LIT 3333	G(W)	Adolescent Literature
LIT 3930	G(W)	Art of Reading
PHI 2010	G(W)	Introduction to Philosophy
PHI 2100	G(W)	Reasoning and Critical Thinking
PHI 2630	G(W)	Contemporary Ethical Issues

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 - MAC, MAE, MGF.)

MAA 4200	G(M)	Mathematical Analysis
MAC 1105	G(M)	College Algebra
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 2411	G(M)	Calculus for Biology
MAP 2302	G(M)	Ordinary Differential Equations
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
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
MTC 3203	G(M)	Geometry for Middle School Teachers
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 4321	G(M)	Probability and Statistics
STA 4502	G(M)	Nonparametric Methods in Statistics
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.

***These courses fulfill the English portion of the Gordon Rule. All other courses fulfill the additional Gordon Rule writing requirement.**

Appendix D

Undergraduate Majors and Minors Listing

Majors The following undergraduate majors are available at UNF:

College of Arts and Sciences

Anthropology	BA
Art — Art History Concentration	BA
Art — Ceramics and Sculpture Concentration	BA
Art — Painting and Drawing Concentration	BA
Biology	BS
Chemistry	BS
Communications — Advertising Concentration	BS
Communications — Electronic Media Concentration	BS
Communications — Journalism Concentration	BS
Communications — Public Relations Concentration	BS
Criminal Justice	BA
Economics	BA
English	BA
English — Drama Concentration	BA
Fine Arts — Ceramics and Sculpture Concentration	BFA
Fine Arts — Graphic Design and Digital Media Concentration	BFA
Fine Arts — Painting and Drawing Concentration	BFA
Fine Arts — Photography Concentration	BFA
French Studies	BA
History	BA
International Studies	BA
Liberal Studies	BA
Mathematics	BA
Mathematics	BS
Music	BA
Music — Jazz Studies	BM
Music — Performance – Piano	BM
Music — Performance – Strings (including Harp)	BM
Music — Performance – Voice	BM
Music — Performance – Woodwinds, Brass, Percussion	BM
Philosophy — General	BA
Philosophy — Advanced Studies	BA
Philosophy — Applied Ethics	BA
Philosophy — Historical and Comparative	BA
Philosophy — Legal, Political and Social Studies	BA
Philosophy — Literary and Cultural	BA
Physics	BS
Physics — Civil Engineering Concentration	BS
Physics — Electrical Engineering Concentration	BS
Physics — Mechanical Engineering Concentration	BS
Physics — Computing Emphasis Concentration	BS
Political Science — American Studies	BA
Political Science — General	BA
Political Science — International Relations/Comparative Politics	BA
Political Science — Public Law	BA
Political Science — Fast Concentration to MPA	BA
Psychology	BA
Psychology	BS
Sociology	BA
Spanish	BA
Statistics	BA
Statistics	BS

Minors The following undergraduate minors are available at UNF:

College of Arts and Sciences

Africa/African-American	Drama	Philosophy — Applied Ethics
Diaspora	Economics	Philosophy — Culture & Philosophy
Anthropology	English	Philosophy — Law & Philosophy
Applied Statistics	Environmental Studies	Physics
Art — History	Film Studies	Political Science
Art — Photography	French	Psychology
Art — Studio	Gender Studies	Public Administration
Asian Studies	History	Religious Studies
Biology	International Studies	Social Welfare
Chemistry	Mass Communications	Sociology
Classical Civilization	Mathematics	Spanish
Communications Studies	Music — History	Statistics
Criminal Justice	Philosophy	Urban & Metropolitan Studies

Coggin College of Business

Accounting	BBA
Economics	BBA
Finance	BBA
Financial Services	BBA
International Business	BBA
Management	BBA
Marketing	BBA
Transportation and Logistics	BBA

College of Computing, Engineering and Construction

Computer and Information Science	BS
Computer Science	
Information Science	
Information Systems	
Information Technology	
Civil Engineering	BS
Electrical Engineering	BSEE
Computer Design	
System Design	
Mechanical Engineering	BS
Building Construction	BS

College of Education and Human Services

Art Education (K - 12)	BAE
Elementary Education — K - 6, Pre K - Primary	BAE
Middle School — Mathematics and Science	BAE
Mathematics Education (6 - 12)	BAE
Music Education (K - 12)	BAE
Physical Education — K - 12	BAE
Physical Education — Sport Management	BS
Science Education — Physics Education	BAE
Science Education — Biology Education	BAE
Science Education — Chemistry Education	BAE
Secondary Education — English Education	BAE
Secondary Education — Social Studies Education	BAE
Special Education — Deaf Studies	BAE
Special Education — Exceptional Student Education	BAE

Brooks College of Health

Athletic Training	BSAT
Health Administration	BHA
Health	BSH
Community Health	
Nutrition and Dietetics	BSH
Nursing (Traditional Prelicensure, Accelerated Prelicensure and RN-BSN)	BSN

Coggin College of Business

Business Administration	Finance
Economics	International Business
Entrepreneurship	

College of Computing, Engineering and Construction

Computer Science	Information Science
Computer Science for IS Majors	Electrical Engineering
Construction Management (in partnership with CCOB)	

College of Education and Human Services

Professional Education	Sports Management
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Brooks College of Health

Public Health

Appendix E

Cultural Diversity Requirement

Cultural Diversity Requirement

The following courses will meet the cultural diversity requirement in the UNF General Education Program.

- * ANT 2000 Introduction to Anthropology
- * ANT 2423 Kinship and Family in a Cross-Cultural Perspective
- * ASN 2003 Introduction to Asia
- * ECP 2140 Race and Gender in the American Economy
- * GEO 2420 Cultural Geography
- * MMC 2701 Communicating Across Cultures
- * POS 2932 Latin American Politics
- * POS 2932 Irish-American Politics and Culture
- * POS 2932 Politics of Mideast
- * POS 2932 Israel: Culture and Conflict
- * POS 2932 Israel-America Culture/Politics
- * PSY 2930 African-American Family
- * PUP 2312 Race/Gender/Politics
- * REL 2300 Comparative Religion
- * SYG 2013 Sex, Race and Social Class

- AMH 3444 Peoples of the American West
- AMH 3530 The Peopling of America
- AMH 3571 Introduction to African-American History
- ANT 3212 People and Cultures of the World
- ANT 3312 North American Indians
- ASH 3223 Middle East
- ASH 3400 20th Century Chinese Civilization
- ASH 3440 Japanese Civilization
- ASH 3448 Hiroshima
- CCJ 4938 Race/Cultural Minorities
- ECO 3701 Contemporary International Economic Issues
- EUH 3932 Russian Thought and Culture
- GEO 3553 Cultural Dimensions of Economic Geography
- HIS 3932 South Africa
- HIS 3932 Gender Wars
- INR 2271 Politics of Mideast and North Africa
- LAH 3300 Modern Latin America
- PSY 3941 Mentoring Youth in Urban Environment
- REL 3012 Myths and Rituals
- SOP 3742 Psychology of Women
- SYD 3700 Racial and Cultural Minorities
- SYD 3800 Gender and Society

- * Freshman and sophomore students are restricted to enrollment in 2000-level courses.

Appendix F

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: 1) the completion of two years of sequential foreign language or American Sign Language study in high school, or 2) the completion of 8-10 semester hours of sequential foreign language or American Sign Language at the post-secondary level, or 3) proficiency through a satisfactory score on the MAPS test for Latin or CLEP foreign language examination.

Transfer students are exempt from this requirement if they received an associate in arts degree before September 1, 1989, from a Florida public community college or university or were enrolled before August 1, 1989, in an associate in arts degree program at a Florida community college and maintained continuous

enrollment until admitted to the University. These students do not have to take a foreign language to be admitted to the University; neither do they have to take it prior to graduation unless the program major has a foreign language graduation requirement.

The University may admit applicants who do not meet the foreign language admissions requirement as exceptions. Students admitted as exceptions must complete 8-10 semester hours of foreign language study or 8-10 semester hours of American Sign language or prove proficiency in a foreign language prior to admission at the upper-level through a satisfactory score on the College Entry-Level Assessment (CELA), formerly (MAPS) test, or CLEP foreign language examination. To prove proficiency in a native tongue other than English, students must submit a valid high school academic transcript from their home country.

CHI 1120	Beginning Chinese I	4 hours	GER 2201	Intermediate German II	3 hours
CHI 1121	Beginning Chinese II	4 hours	JPN 1120	Beginning Japanese I	4 hours
CHI 2200	Intermediate Chinese I	3 hours	JPN 1121	Beginning Japanese II	4 hours
CHI 2201	Intermediate Chinese II	3 hours	LAT 1120	Beginning Latin I	4 hours
FOL 1950	Beginning Foreign Language Study Abroad	3-6 hours	LAT 1121	Beginning Latin II	4 hours
FOL 2930	Beginning Foreign Language I	4 hours	POR 1120	Beginning Portuguese I	4 hours
FOL 2931	Beginning Foreign Language II	4 hours	POR 1121	Beginning Portuguese II	4 hours
** FOL 2952	Intermediate Foreign Language Study Abroad	3-6 hours	POR 2200	Intermediate Portuguese I	3 hours
** FOL 3930	Special Topics in Foreign Language	2-4 hours	POR 2201	Intermediate Portuguese II	3 hours
** FOL 3953	Advanced Foreign Language Study Abroad	3-6 hours	RUS 1120	Beginning Russian I	4 hours
FRE 1120	Beginning French I	4 hours	RUS 1121	Beginning Russian II	4 hours
FRE 1121	Beginning French II	4 hours	RUS 2200	Intermediate Russian I	3 hours
FRE 2240	Intermediate French I	3 hours	RUS 2201	Intermediate Russian II	3 hours
FRE 2241	Intermediate French II	3 hours	SPA 2612	American Sign Language I	4 hours
GER 1120	Beginning German I	4 hours	SPA 2613	American Sign Language II	4 hours
GER 1121	Beginning German II	4 hours	SPN 1120	Beginning Spanish I	4 hours
GER 2200	Intermediate German I	3 hours	SPN 1121	Beginning Spanish II	4 hours
			SPN 1133	Accelerated Beginning Spanish	6 hours
			SPN 2200	Intermediate Spanish I	3 hours
			SPN 2201	Intermediate Spanish II	3 hours

**Excluding courses focused on literature or culture.

Note: Political Science majors **may not** take American Sign Language courses to satisfy the language requirement.

Appendix G

Florida's Statewide Course Numbering System

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 31 participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use the online Statewide Course Numbering System to obtain course descriptions and specific information about course transfer between participating Florida institutions. This information is at the SCNS website at <http://scns.fldoe.org>. 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 type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the Statewide Course Numbering System (SCNS). The list of course prefixes and numbers, along with their generic titles, is referred to as the "SCNS taxonomy." Descriptions of the content of courses are referred to as "statewide course profiles."

Example of Course Identifier

Prefix	Level Code (first digit)	Century Digit (second digit)	Decade Digit (third digit)	Unit Digit (fourth digit)	Lab Code
SYG	1	0	1	0	
Sociology, General	Freshman Level at this institution	Entry-level General Sociology	Survey Course	Social Problems	No Laboratory component in this course

General Rule for Course Equivalencies

Equivalent courses at different institutions are identified by the same prefixes and 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. (Exceptions are listed below.)

For example, a survey course in social problems is offered by 34 different postsecondary institutions. Each institution uses "SYG_010" to identify its social problems 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, "SYG" means "Sociology, General," the century digit "0" represents "Entry-level General Sociology," the decade digit "1" represents "Survey Course," and the unit digit "0" represents "Social Problems."

In the sciences and certain other areas, a "C" or "L" after the course number is known as a lab indicator. The "C" represents a combined lecture and laboratory course that meets in the same place at the same time. The "L" represents a laboratory course or the laboratory part of a

course, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one 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, SYG 1010 is offered at a community college. The same course is offered at a state university as SYG 2010. A student who has successfully complete SYG 1010 at the community college is guaranteed to receive transfer credit for SYG 2010 at the state university if the student transfers. The student cannot be required to take SYG 2010 again since SYG 1010 is equivalent to SYG 2010. 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.

The Course Prefix

The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or sub-category 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 non public 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

The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution.

- A. Courses not offered by the receiving institution
- B. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course in question
- C. Courses in the 900-999 series are not automatically transferable, and must be evaluated individually. These include such courses as Special Topics, Internships, Practical, Study Abroad, Thesis and Dissertations.
- D. College preparatory and vocational preparatory courses
- E. Graduate courses
- F. Internships, practical, clinical experiences and study abroad courses with numbers other than those ranging from 900-999
- G. Applied courses in the performing arts (Art, Dance, Interior Design, Music, and Theatre) and skills courses in Criminal Justice are not guaranteed as transferable

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to the Florida Department of Education, Office of Articulation, 1401 Turlington Building, 325 West Gaines Street, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling the Statewide Course Numbering System office at (850) 245-0427, SunCom 205-0427 or via the Internet at <http://scns.fldoe.org>.

Appendix H

Sexual Harassment Regulation

I. OBJECTIVE & PURPOSE

The University of North Florida is committed to providing all members of the University community, including students, faculty, staff, vendors, visitors or others, an environment where they can work, study and interact with each other free from any form of sexual harassment.

II. STATEMENT OF REGULATION

A. Definition of Sexual Harassment

For the purposes of this regulation, sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, or other verbal (including written and electronic communications) or physical conduct of a sexual nature from any person when:

1. Submission to such conduct or request is made either explicitly or implicitly a term or condition of a student's status in a course, program, or activity; or of academic achievement; or
2. Submission to such conduct or request is made either explicitly or implicitly a term or condition of an individual's employment, salary increase, position advancement, or other employment-related benefits; or
3. Submission to or rejection of such conduct or request by an individual is used as the basis for an academic decision or employment decision affecting such individuals; or;
4. Such conduct is sufficiently serious (i.e., severe, persistent or pervasive) to deny or limit a student's ability to participate in or benefit from the University's educational programs or activities or such conduct is sufficiently severe or pervasive so as to alter the conditions of, or have the purpose and effect of substantially interfering with, a faculty or staff member's employment by creating an intimidating, hostile or offensive working environment.

In determining whether alleged conduct constitutes sexual harassment 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. Accordingly,

consideration will be given to free speech and academic freedom within an academic context. 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.

B. Examples of Sexual Harassment

Sexual harassment can take many forms, but common examples of unwelcome conduct which can be found to be sexually harassing include:

- Inappropriate touching or brushing against the body of another including, but not limited to patting, fondling, massaging, caressing, pinching, attempted or actual kissing.
- Requesting sex or sexual acts in exchange for an occupational or educational benefit.
- Repetitive propositions, invitations, or pressure for sexual activity.
- Suggestive or inappropriate communications, notes, letters, e-mail, or other written materials.
- Displaying, transmitting or sending suggestive or inappropriate photographs, videos, computer images, slides, calendars, cartoons or drawings.
- Sexual innuendo, comments, or remarks about a person's clothing, body, or activities.
- Making suggestive or obscene gestures or making suggestive or insulting sounds.
- Whistling in a suggestive manner.
- Attempts at humor or the telling of jokes about sex that denigrate either gender.
- Actual or implied sexual threats.

C. Actions that do not Constitute Sexual Harassment

A postsecondary educational environment is unique in that there must be the freedom to express ideas and to foster communication on subjects that enhance the University's educational mission. Accordingly, while the University is committed to providing a learning environment that is free from sexual harassment, the purpose of this regulation is not intended to abridge academic freedom or to interfere with free speech as guaranteed by the First Amendment. As such, pursuant to this regulation sexual harassment does not include:

- The expression of ideas in an academic context to provoke thought or discussion on topics germane to the course and advancement of the University's educational mission.
- Engagement in debate or discourse over issues that society may find to be unpopular, offensive or disagreeable.
- Discussing, using or displaying views, words, symbols or thoughts in an academic setting which are germane to the course and which some persons may find to be offensive.

Faculty must, however, be mindful that the courts have placed restraints on academic freedom at public institutions, such as UNF, and that conduct in the classroom cannot deny or limit a student's ability to participate in or benefit from the University's educational programs or activities. Further, while there is no "bright line" test regarding the appropriateness of the content of expression in an academic setting, all students, faculty and staff have an obligation pursuant to this regulation to conduct himself or herself in a "reasonable" manner in their interactions with other members of the University community.

III. REGULATION REQUIREMENTS

A. Responsibility to Comply with the Sexual Harassment Regulation.

All members of the University community are responsible for ensuring that their conduct does not sexually harass any other member of the University community. This same responsibility extends to, vendors, contractors (including the employees of third parties), visitors or others on the University's campus or at any University sponsored or University related function or activity.

B. Responsibility to Report Perceived or Actual Violations of the Sexual Harassment Regulation.

1. **Required Reporting:** All supervisors (defined for purposes of this Regulation as supervising one or more employees) are required to promptly report to the Office of Equal Opportunity Programs (EOP) (either verbally or through written communications) allegations, reports or instances of alleged sexual harassment by or against any person covered by this regulation. Additionally, all faculty with instructional responsibilities are required to promptly report to the EOP or alternatively to their department chair, dean or applicable academic administrator allegations, reports or instances of alleged sexual harassment by or against a student in violation of the University's Sexual

Harassment Regulation. As supervisors, all academic administrators must then report the matter to the EOP (either verbally or through written communications).

2. Responsibility of Community

members: To maintain an environment free from sexual harassment, the responsibility for reporting incidents of sexual harassment rests with all members of the University community. Thus, any employee, staff or faculty member, or student who believes another community member is being subjected to sexual harassment in violation of this Regulation is strongly encouraged to report any incident of sexual harassment they believe to be in violation of University's Sexual Harassment Regulation to their supervisor or directly to the EOP (As discussed above, all supervisors must report alleged incidents of conduct in violation of the University's Sexual Harassment Regulation to the EOP).

C. Amorous and Sexual Relationships:

It is not uncommon for University community members who study, work or interact together to develop caring relationships. However, when persons in positions of unequal power engage in amorous or sexual relationships (e.g., between a supervisor and an employee, faculty member and student, or staff member and student) the person of greater power places himself or herself at risk of being accused of sexual harassment, either during the relationship or after the relationship ends. Accordingly, the University has adopted a policy prohibiting amorous or sexual relationships where one individual in the relationship is in a position to exercise authority such that it would impact the educational or work performance of the other individual. (see Amorous and Sexual Relationships Policy).

IV. REGULATION PROCEDURES

A. Seeking Guidance Regarding this Regulation.

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 harassment; 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 Equal Opportunity Programs, University of North Florida, J. J. Daniel Hall, Room 2400, 1 UNF Drive, Jacksonville, Florida 32224-7699, (904) 620-2507 Voice & TDD and (904) 620-1004 Fax.

B. Complaint Procedure.

Allegations of violation of this regulation including the actual filing of a complaint of sexual harassment will be addressed by the Director in accordance with the EOP Complaint and Investigation Procedures. A copy of the EOP Complaint and Investigation Procedures can be obtained at the EOP Office, on the EOP website or as posted with the comprehensive listing of the University's regulations and policies.

V. WHERE TO GET HELP

In addition to contacting the EOP office, any of the following offices at the University of North Florida may be contacted for information or assistance regarding matters involving sexual harassment:

UNF Counseling Center

Founders Hall (Bldg. 2), Room 2068
(904) 620-2602

UNF Women's Center

Andrew A. Robinson Student Life Center
(Bldg. 14), Room 2623
(904) 620-2528

Office of Human Resources

J.J. Daniel Hall (Bldg. 1), Room 1000
(904) 620-2903

Office of Student Affairs

Founders Hall (Bldg. 2) Room 2091
(904) 620-2600

Office of the General Counsel

J.J. Daniel Hall (Bldg. 1), Room 2100
(904) 620-2828

Employee Assistance Program

Corporate Care Works
8665 Baypine Road, Suite 100
Jacksonville, Florida 32256
(904) 296-9436 (800) 327-9757
www.corporatecareworks.com

If fear of physical safety, threats, or assault is involved contact:

University Police Department

Police Station (Bldg. 41)
(904) 620-2801

or

University's Office of the Victim Advocate

(located within the Women's Center)
Andrew A. Robinson Student Life Center
(Bldg. 14) Room 2623
(904) 620-2528

Appendix I

Security Policies and Crime Statistics



The Department of Police and Public Safety is located in the Martin P. Garris Police Building (41) on the campus of the University of North Florida. The Police Department provides continuous law enforcement services for the University community. Twenty-four hour patrol and dispatch services are provided with access to municipal emergency services. University police officers are sworn law enforcement officers of the state of Florida. Territorial jurisdiction consists of any property or facility which is under the guidance, supervision, regulation, or control of the University of North Florida.

General services provided by the Police Department include vehicle patrol, bicycle and foot patrol, investigation of all criminal offenses, traffic enforcement, traffic crash investigation, special events management and crime prevention programs.

The Police Department has an excellent working relationship with all local law enforcement agencies assuring the delivery of professional police services. The Florida Department of Law Enforcement and other state agencies are available to assist upon request. Communication and coordination with all area law enforcement agencies are maintained on a 24-hour basis via computer networks, such as the Florida Crime Information Center and the National Crime Information Center.

Procedures to Report Criminal Acts or Emergencies on Campus

Any emergency situation involving a threat to life or property should be immediately reported to the Police Department. The caller should stay on the line until the dispatcher terminates the call. Do not hang up. Emergency police, fire or medical assistance can be obtained by dialing "9-1-1" from any telephone on campus. **Note: 9-1-1 calls from cell phones are routed to the Jacksonville Sheriff's Office.** All non-emergency business can be conducted by dialing 620-2800.

Off-Campus Police Emergency Phone Number in Duval County Dial 9-1-1

Emergency Blue Light Phones: are located throughout campus and are equipped with automatic location indicators. To use, merely press the red button on the phone.

Security of Campus Facilities/Residence Halls

The University of North Florida is a public institution and, with the exception of residence halls, is open to the public during the day and evening hours when classes are in session. During the times that the University is officially closed, University buildings are generally locked and only faculty, staff, and some students with proper identification are admitted. Officers provide regular patrol of University buildings as well as parking lots. Individuals who interfere with the orderly functioning of University business may be escorted from campus grounds and subject to arrest.

The Department of Residence Life provides information for an effective residence hall security system program. Students are encouraged to adhere to this security program in order to enhance their personal safety and the safety of others. An effective residence hall security system program depends upon resident cooperation, staff supervision, and University Police assistance.

Although the campus-wide security system makes every effort to increase campus security, the best security system is one in which every member of the community takes personal responsibility for self-protection and the protection of their property. Officers patrol the areas around the residence halls and are readily available to assist on a 24-hour basis.

The Physical Facilities Division maintains University buildings and grounds with a concern for the safety and security of all persons and property. Regular inspections and prompt repairs ensure that appropriate safety and security levels are maintained. Police officers assist Physical Facilities personnel by reporting potential safety and security hazards, conducting campus lighting surveys and reporting outages.

Emergency Notification Service: UNF has established an Emergency Notification Service to inform all members of the University community of serious crimes, such as murder, rape/sexual assault, robbery and aggravated assault, which occur on campus. This service is activated by the Police Department through the media of the University as soon as these incidents are reported.

Crime Prevention Responsibilities/Programs

The Department of Police and Public Safety encourages all students, faculty, and staff to be involved in campus crime prevention. The University of North Florida's crime prevention programs range from crime prevention presentations to on-sight inspections.

University Police participate in more than 20 crime prevention presentations throughout the University community. Crime prevention brochures, posters, and handouts are utilized in an effort to make all members of the campus community aware of the potential for crime. The media is also used as a means for presenting information to the various constituents served by the Police Department. The student newspaper carries crime prevention tips and other noteworthy news items about crime.

The University Police are available to provide custom-tailored crime prevention programming as needed to address specific on-going problems.

UNF's Drug Free Schools and Community Program

UNF is committed to providing an orderly and safe environment for all students, faculty, and staff. The University advises all community members that it is unlawful to manufacture, distribute, dispense, possess and/or use illegal drugs on its premises. Any violation of the preceding may be cause for disciplinary action and referral for criminal prosecution. (Please refer to the UNF Drug and Alcohol Education Policy brochure or the UNF Student/Parent Handbook.)

The use of alcoholic beverages by members of the University community is subject to the Alcohol Beverage Laws of the State of Florida and UNF Alcohol Policy and Guidelines. Specifically, it is unlawful for any person to sell, give, serve, or permit to be served alcoholic beverages to a person under 21 years-of-age or to consume said beverages on licensed premises. It is also unlawful for any person to misrepresent or misstate his or her age or the age of any other person for the purpose of inducing any licensee or his agents or employees to sell, give, serve or deliver any alcoholic beverage to a person under 21 years-of-age. A violation of the preceding may be cause for UNF disciplinary action as well as criminal prosecution.

Weapons

Florida State Statutes 790.06(12) and 790.115 forbid any person from carrying a firearm on a university campus. Firearms are not permitted on the UNF campus.

The "Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act"

(Formerly known as the Campus Security Act of 1990) Requires all postsecondary institutions to prepare, publish and distribute certain information regarding campus crimes and policies relating to security. Campus crime or security policy information may be obtained by contacting the Department of Police and Public Safety.

Crime Statistics

The Police Department submits semi-annual Uniform Crime Report data to the Florida Department of Law Enforcement. They also regularly disseminate information concerning the incidence of crime through on-campus media. The data is ultimately published by the FBI in the Uniform Crime Report. The following chart reflects the number of crimes reported for selected offenses as required by federal law. Definitions of the selected offenses are available by contacting the Police Department. These definitions are also available on the Internet at: www.unf.edu/dept/upd.

Other information about crime may be obtained from the Department of Police and Public Safety.

Sexual Offender/Predator Information

A database of sexual offenders/predators is maintained by the Florida Department of Law Enforcement (FDLE). The address is: FDLE, Sexual Offender/Predator Unit, PO Box 1489, Tallahassee, FL 32302-1489, phone: (toll free) 1-888- FL-PREDATOR (357-7332). You can access the sexual offender/predator database at: www.flsexoffender.net

Crimes Reported to UNF Police Department

Reported in accordance with Uniform Crime Reporting Program
and the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act

Offense Type (includes attempts)	Total Crimes Reported UNF Campus Buildings or Property - Other Housing/Residence Hall - Res						Non-Campus Building or Property: Any building owned/controlled by the University or student organizations, in direct support of institution for educational purposes.			Public Property: All public property including thoroughfares, streets, sidewalks, and parking facilities adjacent to and accessible from the campus.			Total Uniform Crimes Reported		
	2005		2006		2007		2005	2006	2007	2005	2006	2007	2005	2006	2007
	Other	Res	Other	Res	Other	Res									
Murder/Homicide	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manslaughter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forcible Sex/Rape	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Forcible Sex/Rape	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Robbery	0	0	0	1	0	1	0	0	0	0	2	0	0	0	3
Aggravated Assault	0	0	0	3	0	1	0	0	0	0	0	0	0	0	1
Burglary	1	5	2	8	0	1	0	0	0	0	0	0	0	6	15
Arson	0	1	0	1	14	0	0	0	0	0	0	0	1	1	0
Motor Vehicle Theft	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1
Hate Crimes (by prejudices)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Religion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sexual Orientation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethnicity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disability	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Number of Arrests/Referrals - Selected Offenses

Liquor Law Violations:														
Arrest	4	51	0	96	0	72	0	0	0	0	0	55	96	72
Referral	2	103	0	156	0	175	0	0	0	0	105	156	175	175
Drug Law Violations:														
Arrest	16	49	0	48	0	28	0	0	0	0	65	48	28	28
Referral	0	21	0	12	0	25	0	0	0	0	21	12	25	25
Weapons Law Violations:														
Arrest	0	1	0	2	0	0	0	0	0	0	1	2	0	0
Referral	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix J

Advanced Placement Credit

Information subject to change

AP Course	Equivalency	Score Needed	UNF Credit Received
Art History	ARH 2000	3	3 hours Non-Applied Fine Art
Art History	ARH 2050 & ARH 2051	4, 5	3 hours Non-Applied Fine Art/prerequisite 3 hours Non-Applied Fine Art/prerequisite
Biology	BSC 1005C	3	4 hours Lab-Science
Biology	BSC 1010C	4	4 hours Lab-Science
Biology	BSC 1010C & BSC 1011C	5	8 hours Lab-Science
Calculus AB	MAC 2311	3, 4, 5	4 hours Gordon Rule Mathematics
Calculus BC	MAC 2311	3	4 hours Gordon Rule Mathematics
Calculus BC	MAC 2311 & MAC 2312	4, 5	8 hours Gordon Rule Mathematics
Chemistry	CHM 1020C	3	4 hours Lab-Science
Chemistry	CHM 2045C	4	4 hours Lab-Science
Chemistry	CHM 2045C & CHM 2046C	5	8 hours Lab-Science
**Chinese Language & Culture	CHI 2200	3	3 hours Foreign Language
**Chinese Language & Culture	CHI 2200 & 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
Economics: Macro	ECO 2013	3, 4, 5	3 hours Part A Social Science
Economics: Micro	ECO 2023	3, 4, 5	3 hours Elective/prerequisite
Environmental Science	ISC 1051	3, 4, 5	3 hours Non-Lab Science
European History	EUH 1009	3	3 hours Core GR Writing
European History	EUH 1000 & EUH 1001	4, 5	3 hours Core I GR Writing 3 hours Core II GR Writing
**French Language	FRE 2240	3	3 hours Foreign Language
**French Language	FRE 2240 & FRE 2241	4, 5	6 hours Foreign Language

**French Literature	FRW 3100	3	3 hours Elective
**French Literature	FRW 3100 & FRW 3101	4, 5	6 hours Elective
**German Language	GER 2200	3	3 hours Foreign Language
**German Language	GER 2200 & 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 Part A Social Science
Human Geography	GEO 2400	3, 4, 5	3 hours Cultural Diversity Social Science
**Italian Language & Culture	ITA 2200	3	3 hours Foreign Language
**Italian Language & Culture	ITA 2200 & ITA 2201	4, 5	6 hours Foreign Language
**Japanese Language & Culture	JPN 2200	3	3 hours Foreign Language
**Japanese Language & Culture	JPN 2200 & JPN 2201	4, 5	6 hours Foreign Language
*Language & Composition	ENC 1101	3	3 hours English GR Writing
*Language & Composition	ENC 1101 & ENC 1102	4, 5	3 hours English GR Writing
**Latin Literature	LNW 2700	3, 4, 5	3 hours Elective
**Latin: Virgil	LNW 2321	3, 4, 5	3 hours Elective
*Literature & Composition	ENC 1101	3	3 hours English GR Writing
*Literature & Composition	ENC 1101 & ENC 1102	4, 5	6 hours English GR Writing
Music Theory	MUT 1001	3 composite	3 hours Elective Music Theory
	MUT 1111 & MUT 1241	3, 4, 5 if both aural and non-aural sub-scores are 3 or higher	6 hours Non-Applied Fine Art/Prerequisite
Physics B	PHY 2053C	3	4 hours Lab-Science
Physics B	PHY 2053C & PHY 2054C	4, 5	8 hours Lab-Science
Physics C: Electricity/Magnetism	PHY 2054C	3	4 hours Lab-Science
Physics C: Electricity/Magnetism	PHY 2049C	4, 5	4 hours Lab-Science
Physics C:			
Mechanics	PHY 2053C	3	4 hours Lab-Science
Physics C: Mechanics	PHY 2048C	4, 5	4 hours Lab-Science
Psychology	PSY 2012	3, 4, 5	3 hours Part A Social Science
**Russian Language & Culture	RUS 2200	3	3 hours Foreign Language

**Russian Language & Culture	RUS 2200 & RUS 2201	4, 5	6 hours Foreign Language
**Spanish Language	SPN 2200	3	3 hours Foreign Language
**Spanish Language	SPN 2200 & SPN 2201	4, 5	6 hours Foreign Language
**Spanish Literature	SPW 3030	3	3 hours Elective
**Spanish Literature	SPW 3030 & SPW 3000	4, 5	6 hours Elective Statistics
	STA 2014	3, 4, 5	3 hours Gordon Rule Mathematics
Studio Art: Drawing Portfolio	ART 1300C	3, 4, 5	3 hours Prerequisite/elective
Studio Art: 2-Dimensional Design Portfolio	ART 1201C	3, 4, 5	3 hours Prerequisite/elective
Studio Art: 3-Dimensional Design Portfolio	ART 2203C	3, 4, 5	3 hours Prerequisite/elective
U. S. History	AMH 1000	3	3 hours Elective
U. S. History	AMH 2020 &	4, 5	3 hours Part A
Social Science	AMH 2010		3 hours Elective
World History	WOH 2022	3, 4, 5	3 hours Core II GR Writing

* Students will not receive English credit for both exams. If a student passes both exams, one will reflect 6 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.

Appendix K

International Baccalaureate

Information subject to change

International Baccalaureate Credit — Higher Level

IB Course UNF Course	Equivalent	IB Score*	UNF Credit Received
Biology	BSC 1005C	4	4 hours Lab-Science
Biology	BSC 1005C & BSC 1010C	5, 6, 7	4 hours Lab-Science 4 hours Lab-Science
Business and Management	GEB 1011	4	3 hours
Business and Management	GEB 1011 & MAN 2652	5, 6, 7	3 hours 3 hours
Chemistry	CHM 1020C	4	4 hours Lab-Science
Chemistry	CHM 1020C & CHM 2045C	5, 6, 7	4 hours Lab-Science 4 hours Lab-Science
Computer Science	CGS 1078	4	3 hours Free Elective
Computer Science	CGS 1078 & CGS 1570	5, 6, 7	3 hours Free Elective 3 hours Free Elective
Design Technology	ETI 1410	4	3 hours Free Elective
Design Technology	ETI 1410 & ETI 1000	5, 6, 7	3 hours Free Elective 3 hours Free Elective
Economics	ECO 1000	4	3 hours Free Elective
Economics	ECO 2013 & ECO 2023	5, 6, 7	3 hours Part A Social Science 3 hours Free Elective
English A1	ENC 1101	4	3 hours English GR Writing
English A1	ENC 1101 & ENC 1102	5, 6, 7	3 hours English GR Writing 3 hours Literature GR Writing
Environmental Systems	ISC 1050	4	3 hours Non-Lab Natural Science
Environmental Systems	ISC 1050 & 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 & FIL 1002	5, 6, 7	3 hours Elective 3 hours Elective
French	FRE 1121	4	4 hours Foreign Language
French	FRE 1121 & FRE 2240	5, 6, 7	4 hours Foreign Language 3 hours Foreign Language

Further Mathematics (Advanced Mathematics)	MHF 3202	4	3 hours GR Math
Further Mathematics (Advanced Mathematics)	MHF 3202 & MHF 2209	5, 6, 7	3 hours GR Math 3 hours GR Math
Geography	GEA 1000	4	3 hours Cultural Diversity Social Science
Geography	GEO 2200 & GEO 2400	5, 6, 7	3 hours Free Elective 3 hours Cultural Diversity Social Science
German	GER 1121	4	4 hours Foreign Language
German	GER 1121 & GER 2200	5, 6, 7	4 hours Foreign Language 3 hours Foreign Language
History	WOH 1030	4	3 hours GR Core
History	WOH 1030 & EUH 1000 or AMH 2020 (based on test title)	5, 6, 7	3 hours GR Core 3 hours GR Core or 3 hours Social Science Part A
Information & Technology for a Global Society	CGS 1078 CGS 1078 & CGS 1100	4 5, 6, 7	3 hours Elective 3 hours Elective 3 hours Elective
Islamic History	ASH 3223 ASH 3223 & ASH 1000	4 5, 6, 7	3 hours Cultural Diversity Social Science 3 hours Cultural Diversity Social Science 3 hours Elective
Latin	LAT 1120	4	4 hours Elective
Latin	LAT 1120 & LAT 1230	5, 6, 7	4 hours Elective 3 hours Elective
Math Methods	MAC 1105	4	3 hours GR Math
Math Methods	MAC 1105 & MAC 1140	5	3 hours GR Math 4 hours GR Math
Math Methods	MAC 1140 & MAC 2233	6, 7	4 hours GR Math 3 hours GR Math
Mathematics	MAC 1147	4	4 hours GR Math
Mathematics	MAC 1147 & MAC 2233	5	4 hours GR Math 3 hours GR Math
Mathematics	MAC 2233 & MAC 2311	6, 7	3 hours GR Math 4 hours GR Math
Math Studies	MAT 1033	4	3 hours Free Elective
Math Studies	MAT 1033 & MGF 1106	5, 6, 7	3 hours Free Elective 3 hours GR Math
Music	MUL 1010	4	3 hours Non-Applied Fine Art
Music	MUL 1010 & MUL 1000	5, 6, 7	3 hours Non-Applied Fine Art 3 hours Free Elective
Philosophy	PHI 2010	4	3 hours GR Philosophy

Philosophy	PHI 2010 & PHI 1000	5, 6, 7	3 hours GR Philosophy 3 hours Free Elective
Psychology	PSY 2012	4	3 hours Part A Social Science
Psychology	PSY 2012 & PSY 1000	5, 6, 7	3 hours Part A Social Science 3 hours Free Elective
Physics	PHY 1020C	4	4 hours Lab-Science
Physics	PHY 1020C & PHY 1009	5	4 hours Lab-Science 3 hours Non-Lab Science
Physics	PHY 2053C & PHY 2054C	6, 7	4 hours Lab-Science 4 hours Lab-Science
Social Anthropology	ANT 2410	4	3 hours Cultural Diversity Social Science
Social Anthropology	ANT 2410 & ANT 1000	5, 6, 7	3 hours Cultural Diversity Social Science 3 hours Free Elective
Spanish	SPN 1121	4	4 hours Foreign Language
Spanish	SPN 1121 & SPN 2200	5, 6, 7	4 hours Foreign Language 3 hours Foreign Language
Theatre Arts	THE 2000	4	3 hours Non-Applied Fine Art
Theatre Arts THE 2001	THE 2000 &	5, 6, 7	3 hours Non-Applied Fine Art 3 hours Free Elective
Visual Arts	ART 1012	4	3 hours Free Elective
Visual Arts	ART 1012 & ART 1201C	5, 6, 7	3 hours Elective 3 hours Prerequisite/Elective

*with or without diploma

University of North Florida

UNF recognizes the International Baccalaureate and may award up to a maximum of 30 semester hours of credit for scores of four or higher.

UNF recognizes the fact that 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.

Appendix L

College-Level Examination Program Credit

Information subject to change

CLEP Test Title	Equivalency	Score Needed	UNF Credit Received
American Government	POS 2041	50	3.0 hours Part A Social Science
American Literature	AML 2000	50	3.0 hours Elective
Calculus with Elementary Functions	MAC 2233	50	4.0 hours GR Mathematics
College Algebra	MAC 1105	50	3.0 hours GR Mathematics
College Mathematics	MGF 1107	50	3.0 hours GR Mathematics
English Composition with Essay	ENC 1101	50	3.0 hours GR English
English Literature	ENL 1000	50	3.0 hours Elective
French	FRE 1120	50	4.0 hours Foreign Language
French	FRE 1120 & FRE 1121	62	8.0 hours Foreign Language
General Biology	BSC 1005	50	3.0 hours Non-Lab Science
General Chemistry	CHM 1020 or CHM 1025	50	3.0 hours Non-Lab Science
German	GER 1120	50	4.0 hours Foreign Language
German	GER 1120 & GER 1121	63	8.0 hours Foreign Language
History of the United States I: Early Colonization to 1877	AMH 2010	50	3.0 hours Elective
History of the United States II: 1865 to Present	AMH 2020	50	3.0 hours Part A Social Science
Human Growth & Development	DEP 2004	50	3.0 hours Elective
Humanities	HUM 1000 & HUM 1001	50	6.0 hours Non-Applied Fine Art
Information Systems & Computer Applications	CGS 1077	50	3.0 hours Elective

Introductory Business Law	BUL 1241	50	3.0 hours Elective Introductory
Educational Psychology	EDP 1002	50	3.0 hours Elective
Introductory Psychology	PSY 2012	50	3.0 Part A Social Science
Introductory Sociology	SYG 2000	50	3.0 Part A Social Science
Pre-Calculus	MAC 1147	50	4.0 hours GR Mathematics
Financial Accounting	ACG 1001	50	3.0 hours Elective
Principles of Macroeconomics	ECO 2013	50	3.0 hours Part A Social Science
Principles of Management	MAN 2021	50	3.0 hours Elective
Principles of Marketing	MAR 2011	50	3.0 hours Elective
Principles of Microeconomics	ECO 2023	50	3.0 hours Elective
Social Sciences & History	SOC 1000 & HIS 1000	50	6.0 hours Elective
Spanish	SPN 1120	50	4.0 hours Foreign Language
Spanish	SPN 1120 & SPN 1121	66	8.0 hours Foreign Language
Western Civilization I: Ancient Near East to 1648	EUH 1000	50	3.0 hours Core I
Western Civilization II: 1648 to Present	EUH 1001	50	3.0 hours Core II

GR = Gordon Rule

Passing score are valid for computer CLEP tests only.

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PUP	4506	Evolution, Society and Politics	269	SOP	3214C	Experimental Social Psychology	271
PUP	4518	Information Technology and Politics	269	SOP	3515	Fundamentals of Conflict Transformation	271
PUP	4612	Politics of Social Programs	269	SOP	3723	Culture and Psychology	272
PUR	3000	Principles of Public Relations	233	SOP	3742	CDPsychology of Women	272
PUR	3100	Public Relations Writing	233	SOP	3751	Psychology and the Law	272
PUR	4400	Crisis Communications	233	SOW	3203	Social Welfare Institutions	274
PUR	4800	Public Relations Campaigns	233	SOW	4302	Social Work as a Profession	274
PUR	4801	Public Relations Cases	233	SOW	4322	Social Work Practice II	274
QMB	4600	Introduction to Management Science		SOW	4510	Practicum Seminar	274
RED	3310	Reading Methods I for Elementary Teachers	342	SOW	4511	Community Agency Practicum I	274
RED	3333	Reading Methods for Secondary Teachers	345	SOW	4930	Special Topics in Social Welfare	274
REE	4043	Real Estate Analysis	128	SPC	2060	Fundamentals of Speech	234
REE	4103	Real Estate Appraisal	128	SPC	2600	Public Speaking	234
REE	4204	Real Estate Finance	128	SPC	3540	Theories of Persuasion	234
REE	4303	Real Estate Finance and Investments	128	SPC	4064	Public Speaking for Professionals	234
REE	4900	Directed Individual Study	128	SPM	2000	Introduction to Sport Management	346
REL	2300	CDComparative Religion	263	SPM	3044	Sport Governance	346
REL	2930	Selected Topics	263	SPM	3104	Sport Facility Management	346
REL	3012	(CD) Myths and Rituals	263	SPM	3306	Sport Marketing	346
REL	3101	Religion and Popular Culture	264	SPM	3948C	Sport Management Practicum	346
REL	3102	(CD) Religion as Culture	264	SPM	4941	Sport Management Internship	346
REL	3120	Religion in America	264	SPN	1120	Beginning Spanish I	280
REL	3127	Religion and the Courts	264	SPN	1121	Beginning Spanish II	280
				SPN	1134	Accelerated Beginning Spanish	280
				SPN	2030	Medical Spanish	280
				SPN	2200	Intermediate Spanish I	280

SPN	2201	Intermediate Spanish II	280	SYO	4100	Sociology of the Family	276
SPN	3013	Spanish for Professions	280	SYO	4200	Sociology of Religion	276
SPN	3242	Spanish Conversation	280	SYO	4300	Political Sociology	276
SPN	3300	Spanish Grammar	280	SYO	4370	Sociology of Work	276
SPN	3350	Reading and Writing Spanish	280	SYO	4400	Health, Illness and Society	276
SPN	3500	(FC) Peoples and Cultures of Spain	280	SYP	3440	Social Change and International Development	276
SPN	3501	Hispanic Culture	280	SYP	3520	Criminology	276
SPN	4400	Advanced Spanish Grammar and Discussion	280	SYP	3570	Deviance and Social Control	276
SPN	4410	Advanced Spanish Conversation	280	SYP	4050	The Sociology of Human Interaction	276
SPN	4905	Directed Independent Study	280	SYP	4351	Social Movements and Social Change	276
SPN	4930	Seminar	281	SYP	4530	Juvenile Delinquency and Juvenile Justice	276
SPN	4970	Senior Thesis	281	SYP	4560	Child Abuse and Incest	276
SPW	3030	Hispanic Readings	281	SYP	4660	Sociology of Culture	276
SPW	3100	Survey of Spanish Literature	281	SYP	4730	The Sociology of Aging	276
SPW	3130	Survey of Latin American Literature	281	TAX	3001	Federal Income Tax	120
SPW	4193	Periods of Latin American Literature	281	TAX	3011	Income Tax for Corporations, Partnerships, and Estates	120
SPW	4223	Hispanic Genres	281	TAX	3721	Tax Planning in Financial Decisions	120
SPW	4394	Ibero-American Film	281	TAX	4901	Directed Independent Study in Taxation	120
SPW	4400	Periods of Spanish Literature	281	THE	4923	Play Production	240
SSE	3313	Social Studies Methods for Elementary Teachers	338	THE	4935	Special Topics-Theatre	240
SSE	4324	Special Methods: Middle Grades Social Science	345	TPP	2100	Acting Workshop	240
SSE	4384	Special Methods: Social Studies	345	TRA	3035	Foundations of Transportation	128
STA	2014	G(M) Elementary Statistics for Health and Social Sciences	248	TRA	4139	Seminar in Purchasing and Materials Management	128
STA	2023	G(M) Elementary Statistics for Business	248	TRA	4155	Supply Chain Management	128
STA	3032	G(M) Probability and Statistics for Engineers	248	TRA	4202	Logistics Systems Management	128
STA	3163	G(M) Statistical Methods I	248	TRA	4210	Logistics Subsystems Analysis	128
STA	3164	G(M) Statistical Methods II	248	TRA	4400	Applied Carrier Management	128
STA	4202	G(M) Design of Experiments	248	TRA	4721	International Logistics	128
STA	4222	G(M) Design of Sample Surveys	248	TRA	4910	Directed Individual Study	128
STA	4321	G(M) Probability and Statistics	248	TRA	4935	Special Topics in Logistics	128
STA	4322	G(M) Statistical Theory	248	TRA	4945	Logistics Internship	129
STA	4445	G(M) Applied Probability Models	248	TRA	4956	Study Abroad in Transportation and Logistics	129
STA	4502	G(M) Nonparametric Methods in Statistics	248	TSL	3550	Principles and Issues in TESOL	338
STA	4504	G(M) Categorical Data Analysis	249	TSL	4340	TESOL Methods and Curriculum	338
STA	4664	Statistical Quality Control	249	TSL	4360	TESOL Methods and Curriculum for Secondary Teachers	338
STA	4906	Directed Individual Studies	249	TTE	4004	Transportation Engineering	311
STA	4930	Special Topics in Statistics	249	TTE	4201	Advanced Transportation Engineering	311
STA	4935	Seminar in Statistics	249	ZOO	2203C	Invertebrate Zoology	227
STA	4945	Capstone Experience in Statistics	249	ZOO	3713C	Comparative Vertebrate Anatomy	227
SYA	3300	Logic of Inquiry	274	ZOO	4234C	Parasitology	227
SYA	3310	Qualitative Research Methods	274	ZOO	4454C	Ichthyology	227
SYA	3450C	Social Science Data Analysis	275	ZOO	4462C	Herpetology	227
SYA	3930	Junior Seminar	275	ZOO	4715C	Introduction to Canine Anatomy	227
SYA	3931	Special Topics in Sociology	275	ZOO	4753C	Histology	227
SYA	4010	Sociological Theory	275	ZOO	4823C	General Entomology	227
SYA	4905	Directed Individual Study	275				
SYA	4930	Special Topics in Sociology	275				
SYA	4935	Senior Seminar	275				
SYD	3020	Social Demography	275				
SYD	3410	Urban Sociology	275				
SYD	3700	CD-Racial and Cultural Minorities	275				
SYD	3800	CD-Gender and Society	275				
SYD	4510	Environment and Society	275				
SYD	4601	Community Organization, Change and Development	275				
SYG	2000	Introduction to Sociology	275				
SYG	2010	Social Problems	275				
SYG	2013	CD-Sex, Race and Social Class: A Sociological Examination of Culture and Diversity	275				
SYO	3110	Sexuality and Marriage	275				
SYO	3530	Social Stratification	275				

400 Alphabetical Course Listing

Important Telephone and Fax Numbers

Area Code for the University is (904) *TDD available

University Operator	620-1000	Institute of Police Technology and Management	620-4786
Office of the President	*620-2500	Fax	620-2453
Academic Affairs Vice President	*620-2700	Institutional Advancement Vice President	620-2100
Fax	620-2787	Fax	620-2109
Academic Center for Excellence	620-1012	Intercultural Center for PEACE	*620-2475
Fax	620-1015	Fax	620-3870
Academic Testing, Office of	620-2927	International Center	620-2657
Fax	620-1090	Fax	620-3925
ADA Compliance Office	620-2870	International Students	620-2657
Fax	620-2585	Fax	620-3925
Administration and Finance Vice President	620-2002	Interpreter, University	*620-2769
Fax	620-2010	Intramurals	620-2646
African American Student Union	620-2689	Fax	620-2763
Alumni Services	620-4723	LGBT Resource Center	620-2939
Fax	620-2139	Library Reference Department	620-2616
Aquatic Center	620-2854	Hours Open Message	620-2717
Arena	620-2999	Fax	620-2613
Assessment Room (Fitness)	620-1081	Marketing and Publications	620-2140
Athletics	620-2833	Fax	620-2149
Fax	620-2836	Media Relations and Events	620-2125
Athletic Ticketing	620-2473 (or BIRD)	Fax	620-2149
Auxiliary Services	620-2875	Medical Compliance	620-2175
Fax	620-1040	Fax	620-2901
Bette Soldwedel Gender Research Center	620-1270	Nature Trails	620-1810
Bookstore	620-2665	Navy ROTC	256-7480
Fax	620-2889	Ombudsman for Students	620-1577
Campus Ministry	620-2814 or 620-2837	Fax	620-1705
Fax	620-1057	Osprey Productions	620-2460
Campus Recreation	620-2998	Fax	620-2433
Career Services	*620-2955	One Stop Student Services	620-5555
Fax	620-2690	Fax	620-5525
Cashier's Office	*620-2472	Parent and Family Programs	620-1567
Fax	620-1049	Fax	620-2644
Center for Professional Development and Training	620-1707	Parking Services	620-2815
Fax	620-1711	Fax	620-1024
Child Development Research Center	620-2372	Police, Campus	
Fax	620-2375	Director's Office	620-1020
CLAST	620-2927	Emergency	*911
Fax	620-1090	Fax	620-2806
Club Alliance	620-1470	Detective Division	620-1021
Collections	620-1067	Non-emergency	620-2800
Conduct Office	620-3979	Radio Station (WOSP - Osprey Radio)	620-2908
Fax	620-3922	Fax	620-1560
Continuing Education	620-4200	Recycling	620-2938
Fax	620-4244	Reentry Program	620-1340
Dean's Office	620-4280	Research and Sponsored Programs	620-2455
Dean's Office Fax	620-4210	Fax	620-2457
Cooperative Education	*620-2955	Residence Life	*620-5433
Fax	620-2690	Fax	620-4670
Counseling Center	620-2602	Robinson Center Information Desk	620-1084
Fax	620-1085	Spinnaker (Campus Newspaper)	620-2727
Dining Services	620-2543	Fax	620-3924
Dining Services Fax	620-2547	Sports Clubs	620-2998
Catering Phone	620-3888	Student Activities	*620-2525
Catering Fax	620-1675	Fax	620-1705
Disability Resource Center	*620-2769	Student Affairs Vice President	*620-2600
Fax	620-3874	Fax	620-2644
Dottie Dorion Fitness Center	620-2853	Student Conduct Office	*620-3979
English Language Program	620-4281	Fax	620-3922
Enrollment Services	620-2881	Student Game Room	620-1084
Fax	620-2421	Student Government	*620-2750
Equal Opportunity Programs	*620-2507	Fax	620-1005
Fax	620-1004	Student Medical Services	*620-2900
Facilities Planning	620-2016	Fax	620-2902
Fax	620-2020	Student Life	*620-2525
Florida/West Africa Institute (FLAWI)	620-1950	Fax	620-1705
Fax	620-1790	Student Organizations	620-2569
Graduate School	620-1360	Study Abroad	620-2657
Fax	620-1362	Fax	620-3925
GRE, PRAXIS & TOEFL Testing	620-1973	Television (OspreyTV)	620-2260
Greek Life	620-2526	Testing, Office of Academic	620-2927
Fax	620-1705	Fax	620-1090
Hayt Golf Learning Center	620-2050	Ticket Box Office	620-2878
Health Promotion	620-1570	Fax	620-2629
Fax	620-1578	TSI/Foundation Accounting	620-2790
Honors Program	620-2649	Fax	620-2791
Fax	620-3896	Undergraduate Academic Enrichment Program	620-1095
Housing Office	*620-4663	Fax	620-1096
Fax	620-4670	University Center	620-4222
Human Resources	*620-2903	Fax	620-4223
Fax	620-2742	Victim Advocate	620-1010 (24-hr crisis helpline)
ID Osprey 1Card	620-4000	Fax	620-2527
Fax	620-1040	Volunteer Center	620-2755
Information Technology Services	620-2820	Fax	620-1005
Fax	620-2895	Women's Center	*620-2528
Student Computer Lab	620-2826	Fax	620-2527
Help Desk	620-4357		