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# Undergraduate Catalog

## 2007 - 2008

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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.

#### Professional Accreditations/Approvals:

AACSB International — The Association to Advance Collegiate Schools of Business (Undergraduate and Graduate — Business, Accounting)  
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 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)  
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 Council for Accreditation of Teacher Education (Undergraduate and Graduate)  
National League for Nursing Accrediting Commission (Undergraduate)

This catalog is intended to be a description of the policies, academic programs, degree requirements, and course offerings in effect for the 2007-2008 academic year. It should not be construed as an irrevocable contract between the student and the university. The University of North Florida reserves the right to change policies, academic programs, procedures, or fees described in this catalog and to apply these changes to any or all of its students as required by university, Florida Board of Education, or Florida legislative mandate.

Mailing Address  
 University of North Florida  
 4567 St. Johns Bluff Road S.  
 Jacksonville, Florida 32224-2645

Area Code for the University (904) • University Operator 620-1000 • \* TDD available  
 UNF Web Site: [www.unf.edu](http://www.unf.edu)  
 Office of Admissions e-mail: [admissions@unf.edu](mailto:admissions@unf.edu)

In 2007, the University of North Florida celebrates its 35th anniversary, a milestone marking strong growth and academic excellence. The University was chartered by the state in 1965 and began recruitment of faculty and staff in 1970. The doors opened to a 2,000-member junior and senior student body in 1972. In 1984, UNF admitted its first freshman class, followed by sophomores in 1985. By the fall of 2006, the student body had grown to more than 16,000 students, enrolled in 52 undergraduate, 24 graduate, and one doctoral degree programs. Forty-six percent of the students come from Duval County. Students also have come from all 50 states and the District of Columbia, and from 56 foreign countries.

The University's excellent academic reputation has been recognized nationally. UNF's faculty has grown from 117 in 1972 to more than 500 full-time faculty members today teaching in five colleges.

The physical plant also has expanded dramatically since 1972 when the campus consisted of a core of a half dozen buildings. Today the campus encompasses 28 major buildings with more than 3 million square feet of space.

UNF emphasizes quality undergraduate and graduate education while playing a vital role in the cultural, economic and civic fabric of the Jacksonville community.

<b>COLLEGE OF ARTS &amp; SCIENCES..... 620-2560</b>	<b>Career Management Center ..... 620-2067</b>	<b>COLLEGE OF EDUCATION &amp;</b>
Fax (Dean's Office)..... 620-2929	<b>Center for Economic Education ..... 620-2470</b>	<b>HUMAN SERVICES..... 620-2520</b>
<b>Academic Advising ..... *620-2797</b>	<b>Economics and Geography ..... 620-2640</b>	Fax..... 620-2522
Fax..... 620-2799	Fax..... 620-1300	<b>Academic Advising ..... *620-2530</b>
<b>Art and Design ..... 620-4037</b>	<b>Eminent Scholar — Transportation/ ..... 620-2585</b>	Fax..... 620-1135
Fax..... 620-4038	<b>Center for Competitive Excellence..... 620-2585</b>	<b>Leadership, Counseling and Instructional</b>
<b>Biology ..... 620-2830</b>	Fax..... 620-2586	<b>Technology ..... 620-2990</b>
Fax..... 620-3885	<b>International Business Program..... 620-2590</b>	Fax..... 620-2982
<b>Chemistry &amp; Physics ..... 620-2729</b>	<b>Center for International Business</b>	<b>Doctor of Education Program..... 620-2990</b>
Fax..... 620-1989	<b>Studies ..... 620-1290</b>	<b>Educational Leadership Master Program..... 620-2990</b>
<b>Communications ..... 620-2650</b>	Fax..... 620-2594	<b>Mental Health Counseling Program..... 620-2838</b>
Fax..... 620-2652	<b>Management..... 620-2780</b>	<b>School Counseling Program ..... 620-2838</b>
<b>Criminology and Criminal Justice ..... 620-2758</b>	Fax..... 620-2782	<b>Department of Childhood Education..... 620-2610</b>
Fax..... 620-1718	<b>Marketing and Logistics ..... 620-2780</b>	Fax..... 620-1025
<b>English ..... 620-2273</b>	Fax..... 620-2782	<b>Foundations and Secondary Education... 620-2610</b>
Fax..... 620-3940	<b>Professional Education..... 620-1515</b>	Fax..... 620-1025
<b>History ..... 620-2886</b>	Fax (Dean's Office)..... 620-2594	<b>Dean's Office ..... 620-2520</b>
Fax..... 620-1018	<b>Small Business Development Center..... 620-2476</b>	Fax..... 620-2522
<b>Mathematics and Statistics ..... 620-2653</b>	Fax..... 620-2567	<b>Educational Field Experiences ..... 620-3934</b>
Fax..... 620-2818	<b>Student Services..... *620-2575</b>	Fax..... 620-3936
<b>Music..... 620-2961</b>	Fax..... 620-2832	<b>Exceptional Student and Deaf Education *620-2930</b>
Fax..... 620-2568	<b>COLLEGE OF COMPUTING, ENGINEERING</b>	Fax..... 620-2982
<b>Philosophy ..... 620-1330</b>	<b>&amp; CONSTRUCTION</b>	<b>Deaf Education Program..... 620-2185</b>
Fax..... 620-1840	<b>Dean's Office..... 620-1350</b>	<b>Technology Center ..... 620-2991</b>
<b>Political Science &amp; Public Administration..... 620-2977</b>	Fax..... 620-2385	<b>BROOKS COLLEGE OF HEALTH ..... 620-2810</b>
Fax..... 620-2979	<b>Building Construction Management..... 620-2683</b>	Fax (Dean's Office)..... 620-1030
<b>Psychology ..... 620-2807</b>	Fax..... 620-2573	<b>Athletic Training &amp; Physical Therapy... *620-2841</b>
Fax..... 620-3814	<b>Computing..... *620-2985</b>	Academic Advising..... 620-2812
<b>Sociology and Anthropology ..... 620-2850</b>	Fax..... 620-2988	<b>Public Health Department..... *620-2840</b>
Fax..... 620-2540	<b>Civil &amp; Mechanical Engineering ..... 620-1390</b>	<b>Academic Advising..... 620-2812</b>
<b>University Gallery ..... 620-2534</b>	Fax..... 620-1391	Fax..... 620-2848
<b>World Languages..... 620-2282</b>	<b>Electrical Engineering..... 620-2970</b>	<b>School of Nursing..... 620-2684</b>
Fax..... 620-2288	Fax..... 620-2975	<b>Academic Advising..... 620-2812</b>
<b>COGGIN COLLEGE OF BUSINESS ..... 620-2590</b>	<b>Florida Engineering Education Delivery System</b>	Fax..... 620-2848
<b>Accounting and Finance..... 620-2630</b>	<b>(FEEDS)..... 620-2695</b>	
Fax..... 620-3861	Fax..... 620-2694	

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:** Individuals who require reasonable accommodation in order to participate must notify the appropriate department, University of North Florida, 4567 St. Johns Bluff Road South, Jacksonville, FL 32224-2645, at this address and at the phone number indicated at least five working days in advance. Upon request, for individuals with documented print related disabilities, this publication is available in alternate format. Contact the Vice President for Academic Affairs 620-2700 for more information. For persons with hearing or speech impairments, when contacting an office on campus that does not list a TDD number, use the Florida Relay Service at 1-800-955-8771 (TDD).



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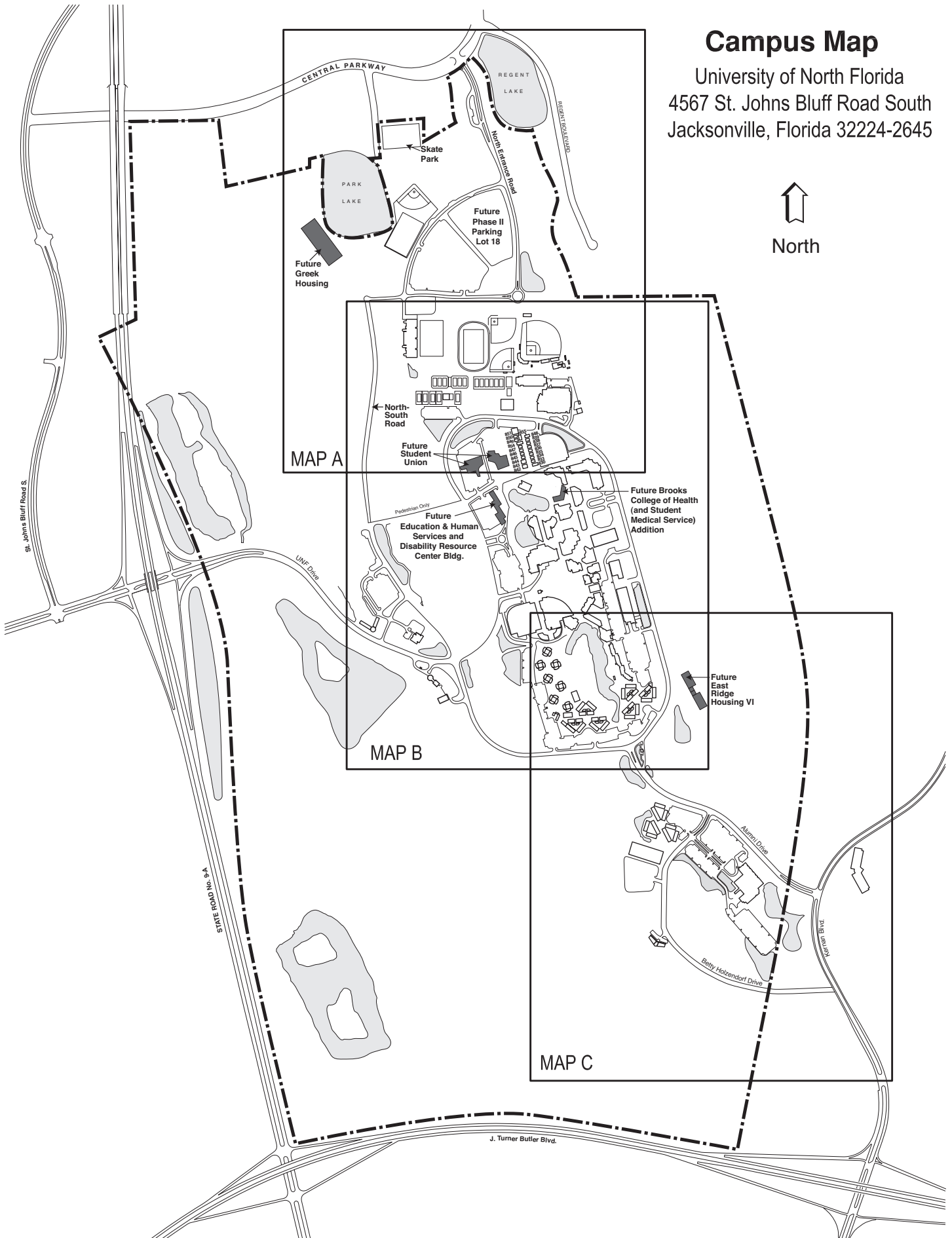
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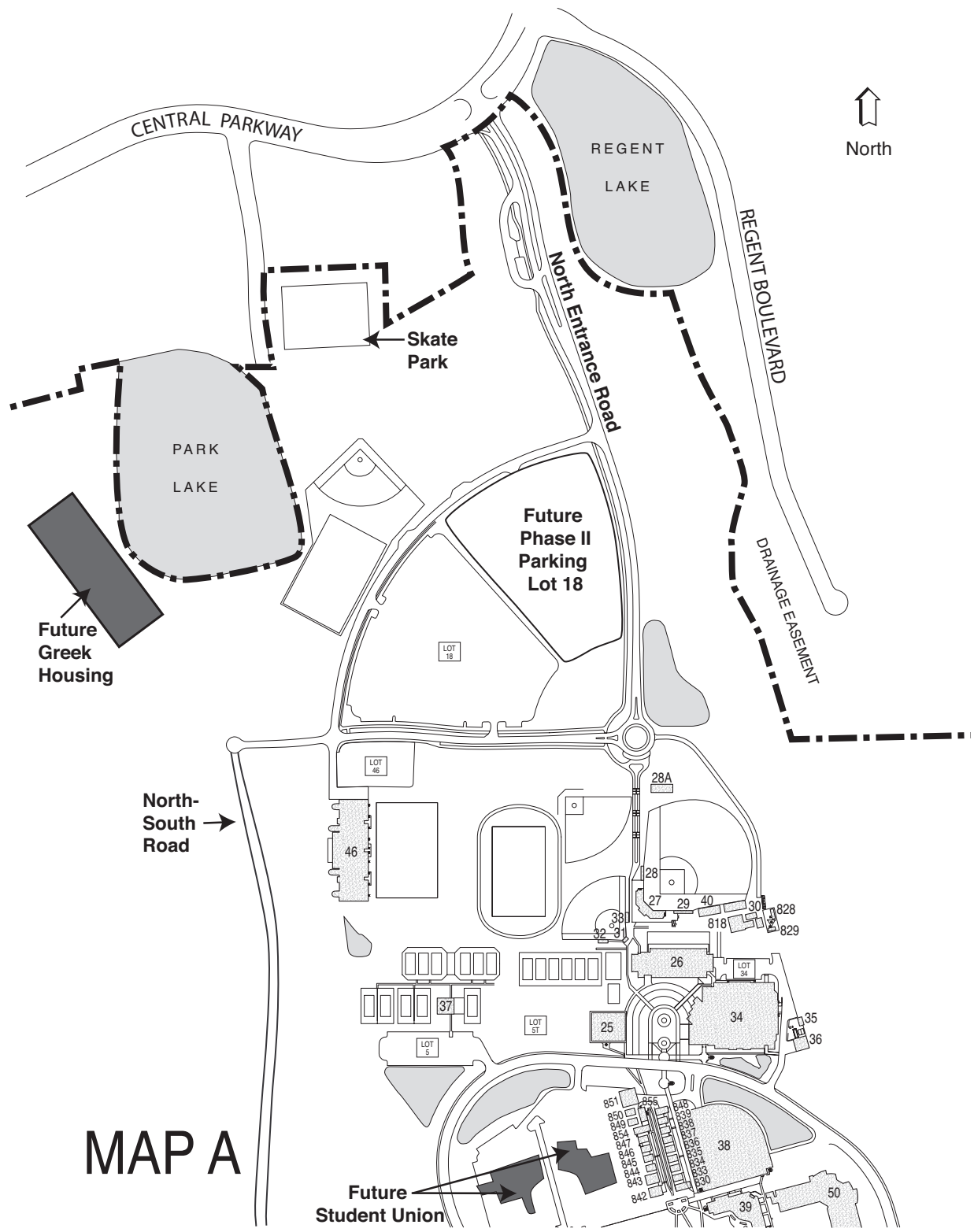
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# Campus Map

University of North Florida  
4567 St. Johns Bluff Road South  
Jacksonville, Florida 32224-2645



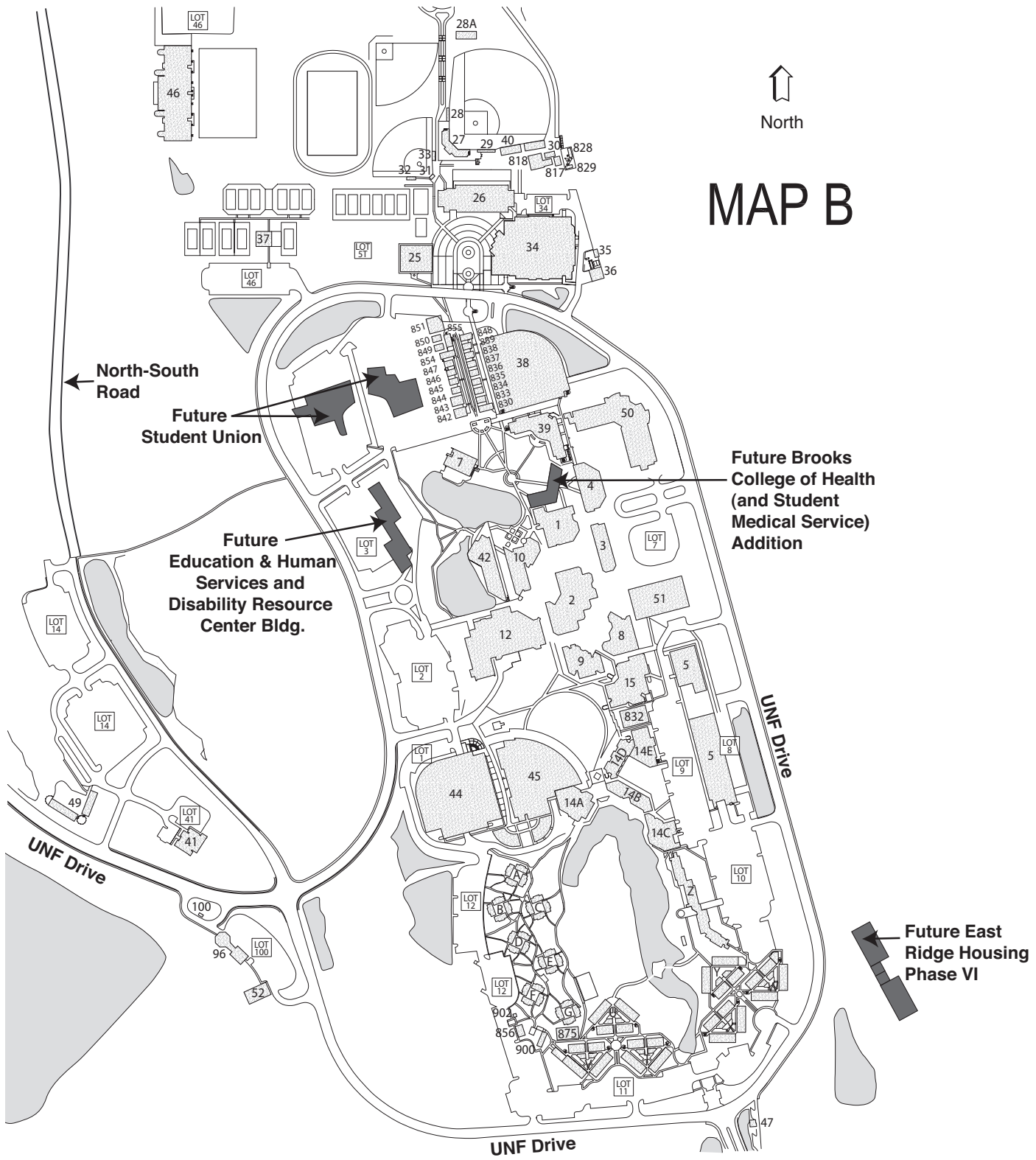


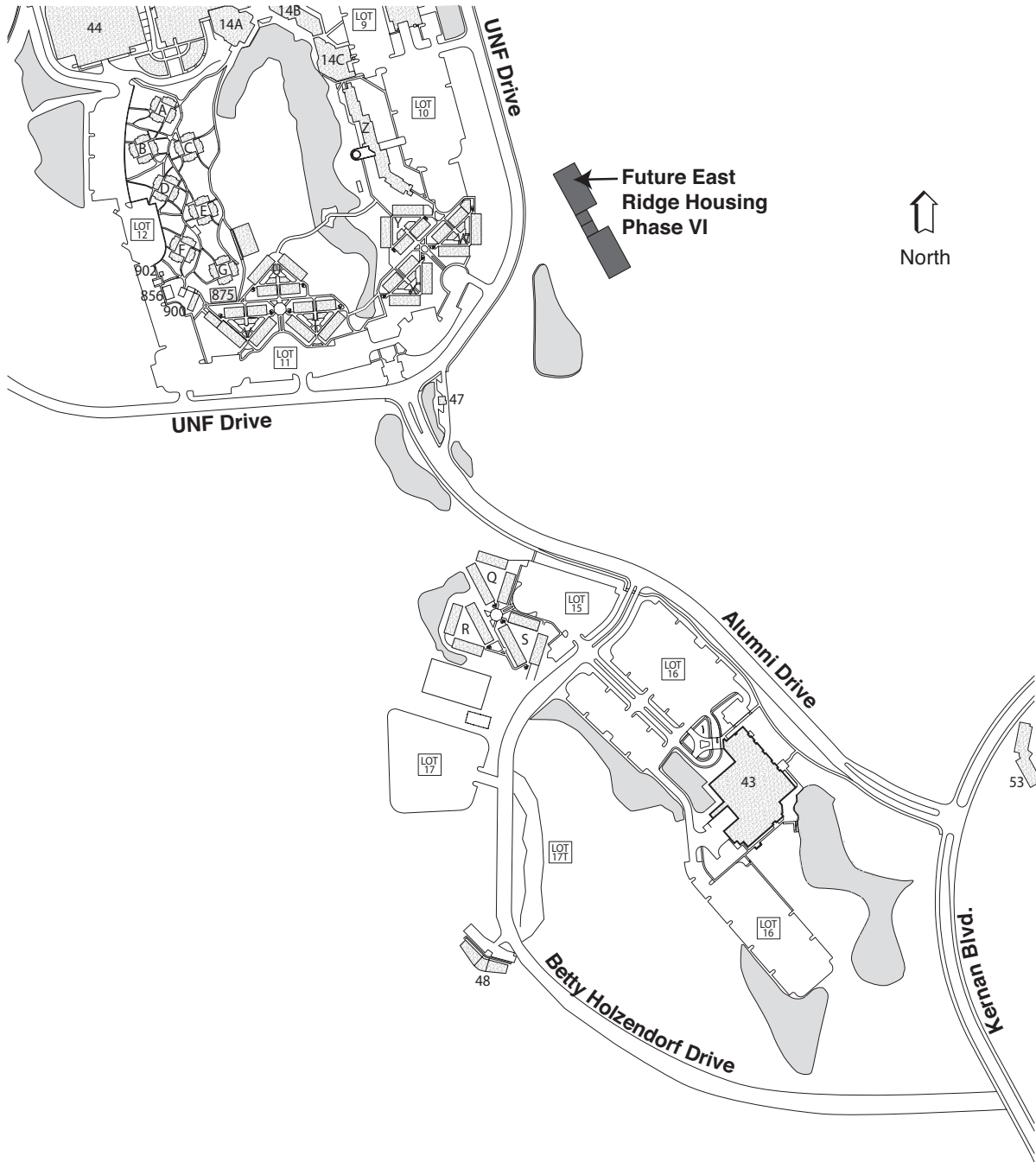
**MAP A**





# MAP B





# MAP C

<b>Bldg. #</b>	<b>Bldg. Name</b>	
1	J. J. Daniel Hall	Academic Advising, Office of COEHS (Bldg. 9)
2	Founders Hall	Academic Affairs, Vice President (Bldg. 1)
3	Building 3	Academic Center for Excellence (Bldg. 2)
4	Biology	Academic Testing, Office of (Bldg. 2)
5	Physical Facilities	Accounting & Finance, Department (Bldg. 42)
6	Building Services / Purchasing	ADA Compliance Office (Bldg. 832B)
7	Wackadoo's @ the Boathouse / Sub Generation (food service facility)	Administration & Finance, Vice President (Bldg. 1)
8	Arts & Sciences	Admissions (Bldg. 2)
9	Frederick H. Schultz Hall	Affirmative Action Office (Bldg. 1)
10	Honors Hall	African American Student Union (Bldg. 14)
12	Thomas G. Carpenter Library	Alumni Cafe (Bldg. 9)
14	Andrew A. Robinson Jr., Student Life Center	Alumni Services (Bldg. 855)
15	John E. Mathews Jr., Computer Science Building	Aquatic Center (Bldg. 26)
25	Dorothy S. "Dottie" Dorion Fitness Center	Arena (Bldg. 34)
26	Aquatic Center	Art & Design, Department (Bldg. 45)
27	Harmon Stadium	Art Studios (ceramics, drawing, painting, printmaking) (Bldg. 45)
28A	Batting/Pitching Facility (Indoor)	Arts and Sciences Advising Office (Bldg. 51)
31	Softball Complex	Assessment Room (Bldg. 25)
34	UNF Arena	Athletics (Bldg. 34)
35	Electrical Substation	Athletic Training & Physical Therapy, Department (Bldg. 39)
36	Central Plant (Baseball)	Atomic Physics Laboratory (Bldg. 50)
37	Tennis Clubhouse	Auxiliary Services (Bldg. 1)
38	Parking Garage	Banquet Room/Meeting Rooms (Bldg. 14)
39	J. Brooks Brown Hall	Baseball Stadium (Bldg. 27)
40	Osprey Nest (Baseball)	Biology, Department (Bldg. 3)
41	Martin P. Garriss Police Building	Biology Laboratories (Bldg. 4)
42	Coggin College of Business	Bookstore (Bldg. 8)
43	University Center	Brooks College of Health, Dean (Bldg. 39)
44	Parking Garage	Budget Office (Bldg. 1)
45	Fine Arts Center	Building Construction Management (Bldg. 50)
45 D	Photo Lab	Campus Alcohol and Drug Information Center (CADIC) (Bldg. 34)
46	Hodges Soccer / Track Stadium	Campus Housing (Bldgs. A-G and Q-Z)
47	Information Booth (Alumni Drive)	Campus Housing Office (Bldg. 875)
48	Hayt Golf Learning Center	Campus Ministry Department (Bldg. 14)
49	Child Development Research Center	Career Services (Bldg. 2)
50	Science & Engineering Building	Cashier's Windows (Bldg. 1)
51	Social Science Building	Center for Competitive Excellence (Bldg. 10)
52	Parking Services Building	Center for Economic Education (Bldg. 42)
53	UNF Hall	Center for Instruction and Research Technology (Bldg. 10)
96	John M. Golden Environmental Education Pavilion	Center for International Business Studies (Bldg. 42)
100	Information Booth (UNF Drive)	Center for Student Media, Adviser (Bldg. 14)
818	Duplicating Services	Central Receiving (Bldg. 6)
830	Marketing & Publications	Chartwells Catering (Bldg. 43)
832	Administrative Offices	Chemistry and Physics, Department (Bldg. 50)
833-838	ELP - English Language Program (833 Office)	Chemistry Laboratories (Bldg. 50)
839	Drumline and On-Campus Transition Program	Child Development Research Center (Bldg. 49)
847	ELP - English Language Program	Childhood Education, Department (Bldg. 9)
848	Faculty Offices	Civil Engineering (Bldg. 50)
849	Faculty Association	CLAST: Office of Academic Testing (Bldg. 2)
851	ERP Office	Club Alliance (Bldg. 14)
854A	Lesbian, Gay, Bisexual Transgender Resource Center	Coggin College of Business, Dean (Bldg. 42)
854	Pride and Writing Center	Coggin College of Business, Student Service Center (Bldg. 42)
855	Alumni Services	College of Arts & Sciences, Dean (Bldg. 51)
856	Student Conduct Office	College of Computing, Engineering and Construction, Dean (Bldg. 50)
857	Athletics Portable	College of Education & Human Services, Scheduling Office (Bldg. 9)
875	Housing Office	College of Education & Human Services, Dean (Bldg. 9)
900	Residence Laundry	Communication, Department (Bldg. 45)
903	Housing Mailboxes	Computing, School of (Bldg. 15)
910	Housing Postal Facility	Computer Laboratories (Bldgs. 14 & 15)
A-G	Osprey Village	Continuing Education (Bldg. 43)
Q-S	The Crossings	Controller's Office (Bldg. 1)
T-V	Osprey Cove	Cooperative Education (Bldg. 2)
W-Y	Osprey Landing	Counseling Center (Bldg. 2)
Z	Osprey Hall	Counselor Education Program (Bldg. 9)
		Courtyard Cafe (Bldg. 9)
		Criminology and Criminal Justice, Department (Bldg. 51)
		Crossings, The (Bldgs. Q, R, S)
		Disability Resource Center (Bldg. 10)
		Duplicating/Quick-Copy (Bldg. 818)
		Economics and Geography, Department (Bldg. 42)
		Educational Field Experiences, Office of (Bldg. 9)
		Educational Technology Center (Bldg. 9)
		Electrical Engineering (Bldg. 50)
		Engineering, School of (Bldg. 50)

English, Department (Bldg. 8)  
 English Language Program (Bldg. 833)  
 Enrollment Services Office (Bldg. 2)  
 Entrepreneurial Center (Bldg. 43)  
 Environmental Health & Safety (Bldg. 832B)  
 Equal Opportunity Programs Office (Bldg. 1)  
 Ethics, Public Policy, and the Professions, Center for (Bldg. 10)  
 Exceptional Student and Deaf Education, Department of (Bldg. 9)  
 Facilities Planning (Bldg. 832B)  
 Faculty Association Office (Bldg. 849)  
 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 and 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)  
 Foundations and 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. 10)  
 Graphic Design Laboratory (Bldg. 3)  
 Greek 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. 34)  
 History, Department (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 OspreyCard Office (Bldg. 1)  
 Indoor Batting/Pitching Facility (Bldg. 28A)  
 Information Technology Services (Bldg. 15)  
 ITS Support Center (Bldg. 15)  
 Inspector General (Bldg. 10)  
 Institute of Police Technology and Management (Bldg. 43)  
 Institutional Advancement, Vice President (Bldg. 1)  
 Institutional Research (Bldg. 1)  
 Intercultural Center for PEACE (Bldg. 10)  
 International Business Program (Bldg. 42)  
 International Center (Bldg. 10)  
 International Students (Bldg. 10)  
 Internships (Bldg. 2)  
 Kinesiology Laboratory (Bldg. 39)  
 Lazzara Performance Hall (Bldg. 45)  
 Leadership, Counseling and Instructional Technology, Dept. of (Bldg. 9)  
 Lecture Auditorium (Bldgs. 9, 15 and 39)  
 Lesbian, Gay, Bisexual and Transgender - LGBT (Bldg. 854C)  
 Library (Bldg. 12)  
 Locksmith/Keys (Bldg. 6)  
 Macintosh PC Laboratory (CVA) (Bldg. 45)  
 Management, Department (Bldg. 42)  
 Marketing and Logistics, Department (Bldg. 42)  
 Marketing and Publications (Bldgs. 3 and 830)  
 Mathematics and Statistics, Department (Bldg. 14)  
 Mechanical Engineering (Bldg. 50)  
 Media Relations & Events (Bldg. 1)  
 Medical Compliance, Office of (Bldg. 14)  
 Music, Department (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)  
 Ombudsman for Students (Bldg. 9)  
 One Stop Student Services (Bldg. 2)  
 Osprey Café, (Dining Hall) (Bldg. 14)  
 OspreyCard Office (Bldg. 1)  
 Osprey Cove (Bldgs. T, U, V)  
 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 and Family Programs (Bldg. 2)  
 Parking Services (Bldg. 41)  
 Philosophy, Department (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 (Bldg. 51)  
 Postal Services (Bldgs. 6 and 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 (Bldg. 51)  
 Public Health, Department (Bldg. 39)  
 Purchasing (Bldg. 6)  
 Radio Station (Osprey Radio) (Bldg. 2)  
 Receiving (Bldg. 6)  
 Recreation Department (Bldg. 34)  
 Recreational Equipment checkout (Bldg. 34)  
 Reentry Program (Bldg. 14)  
 Registrar's Office (see One Stop Student Services)  
 Research and Sponsored Programs, Office of ( Bldg. 3, Room 2501)  
 Robinson Little Auditorium (Bldg. 14, Room 1700)  
 Sbarro's (Bldg. 8)  
 Showers/Lockers (Bldgs. 25 and 26)  
 Small Business Development Center (Bldg. 43)  
 Sociology and Anthropology, Department (Bldg. 51)  
 Softball Complex (Bldg. 31)  
 Southern Technologies Application Center (Bldg. 43)  
 Starbucks (Bldg. 12)  
 Student and 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 Subdivision (Bldg. 14)  
 Student Lounge/Recreation Areas (Bldg. 14)  
 Student Medical Services (Bldg. 14)  
 Student Newspaper Office (Spinnaker) (Bldg. 14)  
 Student Services, Office of, Education (Bldg. 9)  
 Student Union (Bldg. 14)  
 Study Abroad (Bldg. 10)  
 Sub Generation @ the Boathouse (Bldg. 7)  
 Swimming Pool (Bldg. 26)  
 Telephone: Campus Operator (Bldg. 15)  
 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 Program (Bldg. 51)  
 University Center (Bldg. 43)  
 Veterans Affairs (see One Stop Student Services)  
 Victim Advocate (Bldg. 14)  
 Volunteer Center (Bldg. 14)  
 Wackadoo's @ the Boathouse (Bldg. 7)  
 Women's Center (Bldg. 14)  
 World Languages, Department (Bldg. 10)  
 Writing Program (Bldg. 8)

# Emergency Telephone Locations



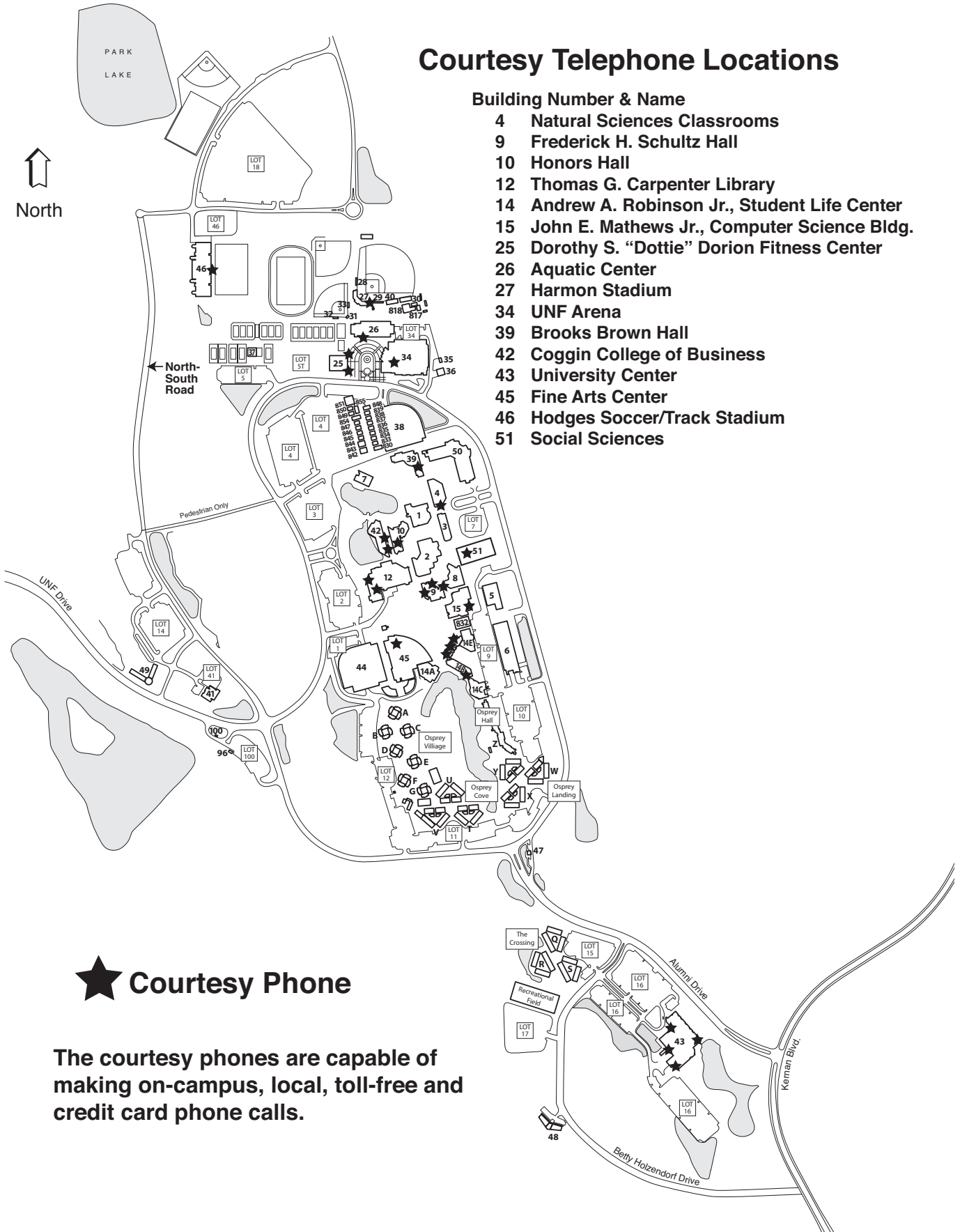
- Code Blue Emergency Telephone System Locations
- ★ Emergency Telephone Locations



# Courtesy Telephone Locations

## Building Number & Name

- 4 Natural Sciences Classrooms
- 9 Frederick H. Schultz 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 Brooks Brown Hall
- 42 Coggin College of Business
- 43 University Center
- 45 Fine Arts Center
- 46 Hodges Soccer/Track Stadium
- 51 Social Sciences



## ★ Courtesy Phone

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



# Jacksonville Area Map





# Academic Calendar 2007-2008

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

	Fall 2007	Spring 2008	Summer A 2008	Summer B 2008	Cross-term 2008	10 Week Term 2008	Fall 2008
Application deadline for admission for term*	June 30	Nov 4	March 3	March 3	March 3	March 3	June 30
Application deadline for admission by international students*	May 1	Oct 1	Feb 1	Feb 1	Feb 1	Feb 1	May 1
Deadline for former students on academic suspension or probation to reapply for term	June 2	Oct 21	Feb 17	Feb 17	Feb 17	Feb 17	June 2
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 Master of Arts in Practical Philosophy and Applied Ethics	March 1						March 1
Application deadline to Master's Counseling Psychology Program (MACP)	March 1						March 1
Application deadline to Master's General Psychology Program (MAGP)	June 1						June 1
Application deadline 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 27	Jan 7	May 12	June 25	May 12	May 12	Aug 25
Application for Graduation	Sept 14	Jan 25	June 6	June 6	June 6	June 6	Sept 12
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 7	April 25	June 23	Aug 5	Aug 5	July 11	Dec 5
Final examinations	Dec 8-14	April 26-May 2					Dec 6-11
Term ends	Dec 14	May 2	June 23	Aug 5	Aug 5	July 11	Dec 12

\*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 2007-2008

The official University calendar will appear on the web site.

	Fall 2007	Spring 2008	Summer A 2008	Summer B 2008	Cross-term 2008	10 Week Term 2008
Labor Day Holiday	Sept 3					
Veterans Day Holiday	Nov 11					
Thanksgiving Holiday	Nov 22-25					
Winter Break Holiday	Dec 16-Jan 7					
Martin Luther King, Jr. Holiday		Jan 16				
Spring Break Holiday		March 17-22				
Memorial Day Holiday			May 29		May 29	May 29
Independence Day Holiday				July 4	July 4	July 4

Religious Holidays commonly observed by UNF students/staff.

#### Christian Holidays:

December 25, 2007	Christmas
April 16, 2008	Easter

#### Hindu Holidays:

September 4, 2007	Janmashtami - Krishna's Birthday
September 15, 2007	Vinayaka Chaturthi
October 21, 2007	Vijaya Sashami
November 9, 2007	Deepavali - Festival of Lights
January 14, 2008	Sankaranthi - Harvest Festival
March 6, 2008	Maha Shiva Ratri
March 21, 2008	Holi - Spring Festival coincides with Hindu New Year
April 14, 2008	Sri Rama Navami

#### Islamic Holidays:

September 13, 2007	Ramadan begins
October 13, 2007	Eid-al-Fitr - three day holiday at the end of Ramadan
December 20, 2007	Eid-al-Adha - three day holiday which corresponds to the visit to Mecca
January 9 (Sundown), 2008	Hijra - Islamic New Year
March 19 (Sundown), 2008	Mawlid al-Nabi - Muhammed's Birthday

#### Jewish Holidays:

April 2 (Sundown) - April 4, 2007	Passover
September 12 (Sundown) - September 14, 2007	Rosh Hashanah
September 21 (Sundown) - September 23, 2007	Yom Kippur
December 4 (Sundown) - December 12, 2007	Chanukah
April 19 (Sundown) - April 21, 2008	Passover

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

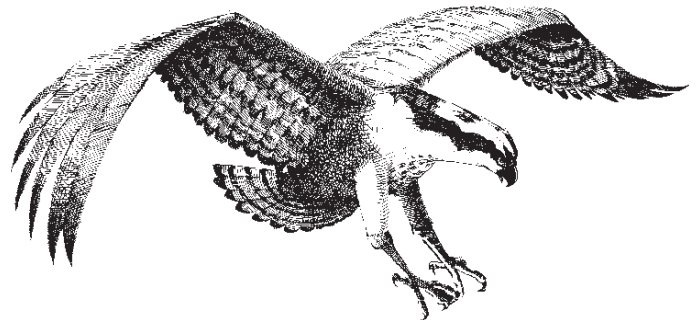


# Seal, Logo and Mascot

**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 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.



**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 <http://www.unf.edu/development/news/visualid/index.html>

Ospreys can often be seen gliding majestically over the campus. The osprey — a member of the hawk family with a wingspan of up to six 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 door-mats are many 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.

## 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.





## General Information

**The University of North Florida (UNF)** is one of eleven public colleges and universities in Florida. It is a comprehensive, urban 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 and in 1990 the University opened a doctoral program in educational leadership.

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 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,



**John A. Delaney, J.D., *University President***

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 2006, approximately 1 out of every 4 freshman applicants enrolled in the fall class. With a mean SAT score of 1166 and grade point average of 3.6, UNF's 2006 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 nearly more than 16,000 students enrolled at UNF for the 2006 fall term, about 59 percent were women, nearly 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 in several professional areas, 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 52 undergraduate degree programs with 132 areas of concentration and 25 master's degree programs with 80 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 and the School of Nursing partnered with the University of Florida School of Nursing in 2002 to jointly offer a doctorate (Ph.D.) in nursing. Students complete nursing courses on the Jacksonville campus of the University of Florida, along with requirements for a minor in education from the COEHS at UNF.

Since its founding, UNF has demonstrated its continuing commitment to excellence in teaching, research, and public 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 contributes to the life of the academic community, the First Coast region, and Florida.

UNF enrolls more than 16,000 students. It has more than 500 faculty and over 1000 full-time and part-time staff members. The total UNF budget exceeds \$180.5 million annually.

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 28 endowed faculty positions.

**Statement of Mission** The University of North Florida's primary focus is on instruction, informed by scholarly activity

and a commitment to community involvement. The University provides a comprehensive array of degree programs, with a targeted emphasis on select programs where the University can be a national leader.

In fulfilling this mission, the University of North Florida has pledged to follow four guiding principles. These principles are an overarching commitment to excellence, as well as a commitment to focus, to relevance, and to accountability. The first of these principles, a commitment to excellence, is founded on a clear understanding of the University's responsibility to its students, who deserve nothing less. It also acknowledges that the social, cultural, economic, and civic development of Northeast Florida and the state are linked to the development of this institution.

The University's focus on student instruction requires students to engage in learning experiences that a) foster critical thinking, thoughtful decision making, and effective communication; b) build strong general and disciplinary/professional knowledge bases; and c) engender integrity, ethical development, a global perspective, and a sense of civic responsibility. The University's focus on building strong academic programs reflects the fact that the value of a student's experience at the University of North Florida must be greater than the sum of the individual courses that the student completes, and that academic programs must prepare students who are well-grounded in their academic specialty, capable of meeting the demands of their professional and societal responsibilities, and able to adapt to the changing global environment. In their academic programs, students are introduced to the central theoretical concerns of their discipline, as well as to practical skills suitable to the work force. The acquisition of these skills and aforementioned bodies of knowledge serve as indicators in measuring the quality of the graduates who earn degrees at UNF and the strength of the institution's programs.

As a guiding principle, UNF's commitment to relevance requires that each decision made or action taken by the University supports its mission and focus, while furthering the attainment of excellence. Relevance must be evidenced in the institution's contribution to the lives of UNF's students and alumni, the region, and the world, as well as in its research and community involvement.

Through accountability, the University is committing to improve the quality of its operations in a measurable way. UNF's students, the taxpayers who support the institution, and its employees deserve an understanding of the University's progress in comparison to its definition of excellence, commitments to focus and relevance, and the goals set for the institution.

**Statement of Purpose** The University of North Florida is one of eleven publicly assisted institutions in Florida. Located in Jacksonville, this comprehensive urban university primarily serves Florida residents, especially those of the state's northeastern region. At the same time, UNF serves an increasing number of students from across and beyond the nation.

In fulfilling the University's commitment to excellence, the institution seeks to recruit and admit high quality students.

## 2 General Information

Students entering UNF must have demonstrated competence in basic skills, as well as the intellectual capacity to succeed in college. These students should also demonstrate good character, commitment to learning, and a predisposition toward hard work. Significant numbers of these students should have meritorious academic records and exhibit special talents.

The academic programs at the University are coordinated through five colleges: Arts and Sciences; Coggin College of Business; Computing, Engineering, and Construction; Education and Human Services; and Brooks College of Health. Credit and non-credit learning opportunities are also provided through the Division of Continuing Education. These academic enterprises are supported by strong units providing library resources, student services, physical facilities, health and safety, and institutional advancement.

Undergraduate and graduate programs offer students opportunities for general education and specialization within the University's five colleges and reflect UNF's commitment to the highest intellectual and scholarly standards. Instructional quality is maintained by striving for relatively small classes and low student/faculty ratios. Students at UNF receive personal attention and caring service within the University community.

The University's academic programs, those that are long-standing and those that are newly developed, respond to and support regional needs and priorities in accordance with the institution's guiding principle of relevance. In the institution's commitments to excellence and focus, UNF also acknowledges its capacity for national prominence. Seeking the institutional and student benefits that come from such prominence, an important part of the University's strategic plan is the selection and development of a set of flagship programs.

Research and other forms of scholarship are critical to UNF's commitments to excellence and to relevance, and serve to inform and energize faculty's teaching. Through their scholarship, faculty members engage with the larger academic community. Student involvement in research and other forms of scholarship adds depth to their educational experiences, helping them to understand the nature of scholarly inquiry. The University's scholarship efforts also address the critical concerns of the community, the region, and the world-at-large.

Distance learning initiatives are predicated upon available technologies. The University participates with local, regional, and state organizations in serving as a clearinghouse for information concerning available instructional delivery options for students, employees, and residents of the community.

**Support Services:** The University's caring environment fosters excellence in instructional, administrative, and student support services. This environment is dependent upon the strength and competence of UNF's employees, who consistently demonstrate a caring and respectful attitude toward others. The focused attention provided by these employees helps to ensure that students maintain uninterrupted university attendance, make suitable course selections, successfully complete degree requirements, and achieve timely graduation or successful accomplishment of other academically related career goals.

The University's programs and services encourage the retention and success of all students. The University also strives to provide a full and rich campus life for its students, recognizing that learning occurs both in and outside the classroom. Special organizational structures attend to the needs of individuals from diverse backgrounds. These students are served through activities that contribute to their academic, social, cultural, and personal development. The campus community is made cognizant and appreciative of their differences by activities that promote the understanding of cultural and international diversity.

In addition to funding from the state and student tuition and fees, the University receives private-sector support for its students, faculty, programs, and facilities through the UNF Foundation, which is composed of business and civic leaders.

**Physical Environment:** Students and faculty are more productive in a safe, clean, healthy, and aesthetically pleasing campus environment, and the University values its designation as a "well campus" site. The UNF campus is unique in that it is also a designated bird sanctuary. The University places a high priority on care of and respect for the ecosystem, as well as timely and responsible operation and maintenance of physical facilities.

**Evaluation:** Continuous academic program improvement is accomplished through the coordinated use of program reviews and voluntary professional accreditation evaluations. The University's commitment to continuous improvement also extends to its administrative services and support areas. Recognizing that a strong infrastructure is essential to academic program quality, the University maintains longitudinal databases suitable for required state resource planning, accountability reporting, and external reviews. These data and special analyses and studies provide for ongoing academic institutional planning and management.

**Relations to the External Community:** The University community is a significant participant in the economic, social, and cultural development of the northeast Florida region. UNF prepares students for the workforce through cooperative education programs, internships, and other partnerships with urban schools, industries, and civic agencies. These partnerships provide students with opportunities for training in their planned careers. The University also seeks to enrich the lives of residents through cultural and educational programs and services offered on its campus, as well as through a variety of outreach programs designed to enhance the current and future well-being of area residents.

**Colleges** 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 Coggin College of Business includes the Departments of Accounting and Finance; Economics and Geography; Department of Management and Department of Marketing and Logistics.

The College of Computing, Engineering, and Construction includes the School of Computing; the School of Engineering; the Department of Building Construction Management; and FEEDS.

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.

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

**Faculty** Central to the success of any university is the quality and dedication of its faculty. Recognizing this, the University of North Florida seeks faculty members who have and continue to develop records as teacher-scholars and as experts within their respective areas of specialization.

UNF has a distinguished group of full-time faculty members. Nearly ninety-nine percent of the full-time faculty hold the doctorate or the terminal degree in their discipline. Faculty hold degrees from more than 110 American and foreign universities. Nineteen faculty members have been recipients of Fulbright Awards, one has been a participant in the International Research Exchange Program, one has been elected to the International Jazz Educators Hall of Fame, and another has been elected to the National Academy of Public Administration. The full-time faculty is augmented, as appropriate, by outstanding part-time faculty members.

In addition to possessing outstanding academic and professional credentials, the faculty at UNF are characterized by a dedication to excellence in teaching. Through participation in their colleges and the UNF Faculty Association, members of the faculty exercise responsibility for the University's academic programs.

**Campus** The UNF campus is located on slightly more than 1,300 acres of timberland approximately seven miles inland from the Atlantic Ocean and twelve miles southeast of downtown Jacksonville. A series of wooded ridges interspersed with small lakes and streams provides a spacious site and an attractive rustic setting.

Easy access to the University campus is provided through the two main entrances: the West Entrance at 9A and the East Entrance at Kernan Boulevard. An entrance off of Central Parkway provides parking and walking access to the campus. The entrances are accessible from Beach Boulevard and J. Turner Butler Boulevard. Interstate 95 and the 295/9A beltway provide access for students commuting from surrounding communities.

UNF's campus is compact, and most buildings are connected by a two-story, covered pedestrian walkway. Parking areas surround the campus providing minimal walking distances and easy accessibility to buildings.

A unique feature of the UNF campus, in addition to its designation as a bird sanctuary, is its system of nature trails, one of which is specifically designed for people with

disabilities. The trails are open to visitors as a community resource. Virtually every type of terrain found in northeast Florida can be found along the UNF trails, along with a surprising variety of animal and plant life.

**The Community** UNF is located in a city of over one million people. Jacksonville is a major center for manufacturing, insurance, transportation, and finance, and is one of the busiest port, trucking, and rail centers of the Southeast. Jacksonville offers a variety of cultural, entertainment, sports, and recreational opportunities for its residents, visitors, and college students. Museums, art galleries, symphony, opera, theater, and ballet are available. A wide variety of professional, college, and high school athletic events attract sports fans. Moreover, Jacksonville's nearby beaches, the Intercoastal Waterway and the St. Johns River provide opportunities for water sports enthusiasts. Many public and private golf courses and tennis courts are available in and around the city and numerous state parks provide a wide range of outdoor recreational facilities.

Jacksonville is set in an area rich in Florida history. America's oldest city, St. Augustine, with its handsomely 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.

Within easy driving distance of the city are several of Florida's major attractions. Famed Silver Springs, located near Ocala, is 100 miles south. Disney World, with its Magic Kingdom, EPCOT Center, and MGM/Disney Movie Studio theme parks, is located near Orlando, about a three-hour drive from Jacksonville via the interstate highway system.

**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 Resource 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, 620-2507.

## **4 General Information**



# 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, 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 Bldg. 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 [www.unf.edu](http://www.unf.edu). Applications may also be obtained from UNF's Office of

Admissions by telephoning (904) 620-5555 or by e-mail at [onestop@unf.edu](mailto:onestop@unf.edu). In order to be considered for admission, applications must be received in the Office of Admissions by the published deadlines.

**2.** An application fee payment of \$30 by check, credit card or money order (not cash) must be attached to the application for admission. Online applications require a fee payment of \$30 by check, credit card or money order. 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 the UNF Office of Admissions 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 by e-mail at [onestop@unf.edu](mailto:onestop@unf.edu).

**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 GED exams and a GED 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 to meet the minimum established by the Florida Board of Education and by 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 Education 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.

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 1260 SAT-I or 28 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** Applicants desiring to transfer to UNF are required to submit a completed application, \$30 (the thirty dollar application fee), and an official transcript from each college or university attended, whether or not credits were earned. An official transcript is one sent directly to the Office of Admissions by the Registrar's Office of the issuing institution. Applicants transferring to UNF who have earned less than 60 semester hours or 90 quarter hours of **transferable** college academic course work, are required to submit an official high school transcript and official college entrance (SAT and/or ACT) test scores. Transferable courses, as deemed by UNF, do not include occupational, vocational, or remedial courses and may not include courses taken at a non-regionally accredited post-secondary institution. It is required, however, that transfer students submit official copies of transcripts from each and every post-secondary institution attended — regardless of the transferability of coursework. All applicants who completed two years of **sequential** foreign language (sequential levels of the same foreign language) or 2 years of American Sign Language in high school must submit their high school transcript as well.

**Lower-Level Study — Admissions Requirements**

The following qualifications are required of transfer applicants who have earned less than 60 semester hours or 90 quarter hours of transferable credit:

1. Satisfaction of the same general admission requirements as students who enter UNF as beginning freshmen. Refer to preceding two pages, "Beginning Freshmen" section.
2. An overall college average of C or higher and a C or higher average with "good standing" status (eligible to return) at the last institution attended is the required minimum for admissions consideration.
3. The Faculty Admissions Committee reviews requests for admission for applicants who do not meet minimum lower level admission requirements. These written requests should be sent to the Director of Admissions. Each student's request is handled on a case-by-case basis and if admission is granted, conditions of probation are outlined by the Committee.

**Upper-Level Study — Admissions Requirements**

In general, the following qualifications are expected of upper-level transfer applicants:

1. Satisfactory completion of two years of **transferable** college course work, 60 semester hours or 90 quarter hours, at an approved institution. An approved institution is a college or university that has candidacy or membership status with the appropriate regional accrediting agency, such as the Southern Association of Colleges and Schools.

In accordance with the statewide articulation agreement, the Associate in Arts degree from a Florida public community college is the basic transfer degree. It is the primary basis for admission of transfer students from the community colleges to upper division study in a state university.

2. An overall college average of C or higher and have a C or higher average and “good standing” status (eligible to return) at the last institution attended.

On the application for admission, **all upper-division applicants are required to declare a major**. A number of UNF academic programs are limited access or have special admissions requirements. Admission to these programs is select or competitive. Applicants to these programs must meet or exceed the admissions requirements as established by the individual programs. Please see the limited access portion of the catalog on the following two pages for more information.

3. Applicants who do not meet these requirements are referred to the academic departments for an admission decision. See specific program descriptions for more information.

If not met before matriculation, the following requirements will become a portion of the student’s program of study:

1. Satisfaction of any prerequisites for the program desired. Prerequisites are listed in this catalog in the appropriate college section.
2. Satisfaction of Rule 6A-10.0312, FAC. Effective August 1984, the Florida Board of Education requires assessment procedures for college-level communication and computation skills. Students who have satisfied CLAST standards on three of the four subtests or have received a CLAST exemption and who are otherwise eligible may be enrolled in state universities’ upper-level courses. However, students who need CLAST may accumulate only 36 semester credits of upper-level course work before they are required to pass the fourth subtest.
3. In addition to testing, student achievement in these two skills shall be measured by completion of course work in English and mathematics. Prior to entering upper-level study at a public university, a student is required to complete, with at least a C grade: (1) Six semester hours of English coursework and six semester hours of additional coursework in which the student is required to demonstrate college-level writing skills, (2) six semester hours of mathematics at the level of college algebra or higher and (3) have a satisfactory conduct record under policies established by the Board of Education and Florida law.
4. **Satisfaction of UNF general education requirements. Students who transfer to UNF with the A.A. degree from a Florida public university or community college will be considered to have satisfied general education requirements.** International students and students who transfer from out-of-state colleges and universities or from

nonpublic colleges and universities in the State of Florida will be subject to this rule and required to complete general education deficiencies. Individual assessments of records and transcripts will be used to determine that the rule has been satisfied.

**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 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 (2) 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 (3) 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.

Transfer students are exempt from this requirement if they received an Associate in Arts degree or special purpose A.S. 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 public community college and **maintained continuous enrollment until admitted to a university**. These students do not have to take a foreign language to be admitted to the university nor do they have to take it prior to graduation unless the program major has a foreign language graduation requirement.

Upper division transfer students, students who have either received an Associate in Arts degree from a Florida public community college or university or have 60 or more transferable semester credit hours, may be admitted to UNF without having previously completed the foreign language requirement. **For these students, successful completion of the foreign language requirement becomes a graduation requirement.**

UNF may admit first time in college 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 prove 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 prior to completing 60 credit hours at UNF. If their native tongue is not English, students may prove proficiency in that language by submitting a valid high school academic transcript from their home country.

**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 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, 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 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 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.

**Bachelor of Fine Arts (Graphic Design and Multimedia tracks)** The BFA in Fine Arts (Graphic Design track and Multimedia track) are limited access programs. Students wishing to become majors should complete prerequisite courses, submit an application, undergo a portfolio review and will be notified in writing of acceptance into the program. A faculty committee will conduct the portfolio review in the fall and spring of each year for admission to the program.

All students who have completed the Associate in Arts degree at any of Florida's community colleges will be eligible for full consideration for admission to the program but must participate in the portfolio review and receive approval of their application for admission to the University.

The portfolio review committee will evaluate the student's **potential** for success as an artist in the field of graphic design and multimedia as well as his or her **demonstrated** talent.

**Rationale:** The Graphic Design and Digital Media faculty believe that the best way to effectively manage a highly technical yet popular program of study is to limit annual enrollment. Neither the department nor the University possesses the resources that would be required to meet ever-increasing student demand.

**Procedure:** All students interested in participating in the portfolio review should contact the Department of Art and Design **in writing** requesting information and an application packet.

**Schedule:** Portfolio reviews will be conducted in March for students who desire to enroll in the fall term and in October for students who desire to enroll in the spring term.

**Limitations:** Absent extenuating circumstances, students may participate in the portfolio review **no more than two (2) times**.

**Two portfolio reviews will be held each year (dates shown below).** Students who participate in the spring review will be eligible to enroll in the Graphic Design and Digital Media program effective the following term. Students should consult with their advisor for guidance.

#### **Limited Access Procedure:**

1. Applicants must apply to participate in the portfolio review.
2. Applicants **must** participate in a portfolio review and be formally accepted into the program.
3. The portfolio review is required of all applicants.
  - Portfolios and applications will be accepted during February for entry into the program in the fall semester.
  - The portfolio will consist of 8 visual arts pieces. A variety of media may be used.
  - Each piece should be mounted on a 16" x 20" board **or** presented on a 35mm slide **or** presented as digital media viewable on a Macintosh computer **or** on the World Wide Web.
  - Place the last 4 digits of your social security number on each piece. **DO NOT PLACE YOUR NAME ON ANY OF THE PIECES SUBMITTED.**
  - Applicants will submit answers in writing to a set of questions provided by the committee. Place the last 4 digits of your social number on each sheet used to answer questions. **DO NOT PLACE YOUR NAME ON ANY OF THE SHEETS USED TO ANSWER QUESTIONS.**
  - Applicants will be ranked on quality, creativity, presentation and ability to communicate answers to questions.
  - Applicants will be ranked from number 1 to the total number of applicants. There will be no ties.
  - The review committee will be composed of no less than four Visual Arts Professors.
4. Admittance into the program is based on the ranking determined by the review committee.
  - The number of students admitted is determined by the evaluation and the number of open positions in the program.
5. This is a blind evaluation.
6. Notification of acceptance will be no later than April 1.

7. Prior to beginning the program, Applicants must
  - a. be notified in writing of acceptance into the program
  - b. have completed all requirements as published in the appropriate catalog or program of study.
8. Individual students with exceptional qualifications may petition for admission out of cycle.
9. Application to the University is not required for participation in the review but is required to enroll.
10. Requests to participate in the portfolio review should be made in writing no later than **September 21, 2007** for the October review and **February 14, 2008** for the March review.
11. **Limitations:** Absent extenuating circumstances, students may participate in the portfolio review **no more than two (2) times**.

Send requests to participate to:

Portfolio Review  
Department of Art and Design  
University of North Florida  
4567 St. Johns Bluff Road South  
Jacksonville, FL 32224

**Bachelor of Science in Nursing** The Bachelor of Science in Nursing degree program has three tracks: the RN-BSN track, the traditional Prelicensure BSN track, and the Accelerated Prelicensure track. The traditional Prelicensure track and the RN-BSN track require a 2.9 grade point average for admission and the Accelerated Prelicensure track requires a 3.0 grade point average 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 with a Major in Athletic Training** Students admitted to the program leading to the Bachelor of Science with a major 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. 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 General Music**

The Bachelor of Arts in Music, the Bachelor of Music in Jazz Studies, and the Bachelor of Music in General Music (Offered only in: Voice, Piano, Woodwinds, Brass, Percussions 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** An applicant with a bachelor's or master's degree from a regionally accredited institution may be admitted as a post-baccalaureate student. Post-baccalaureate students are admitted to acquire or extend teacher certification, to work toward a second bachelor's degree or to take courses to extend their areas of competency. The term post-baccalaureate student is not synonymous with graduate student.

An applicant seeking post-baccalaureate status is required to submit an official transcript from the institution where the bachelor's or master's degree was awarded. An applicant seeking a second degree and students seeking initial teacher certification should have **all** official transcripts from each institution forwarded to the Admissions Office. Transcripts must be submitted by the same deadline as applications.

Post-baccalaureate degrees require a minimum of 30 upper level semester hours. All degree requirements, including prerequisites, must be satisfied to earn the degree even if the required hours exceed the minimum. Courses previously completed prior to earning the first bachelor's degree will not apply to the post-baccalaureate degree.

Students who intend to earn a graduate degree after completing post-baccalaureate course work must reapply for admission to a graduate program. To be eligible for graduate-level courses, a student must maintain a post-baccalaureate average of B or better. Grades earned in post-baccalaureate status in undergraduate and graduate-level courses will not be computed in the graduate grade point average if the student is later admitted to a graduate program at UNF.

## Admissions Requirements for International Students

**Greetings and Salutations** 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 support as you pursue your undergraduate studies at UNF. This support includes our Student Orientation, which is offered at the beginning of every semester. Required of all new 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 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 **<http://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. The deadline for the 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 \$30.00 if a paper application is submitted; \$30.00 if an online application is submitted. 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 **<http://www.naces.org/members.htm>**.
5. **SAT and ACT Test Scores** Undergraduate applicants must submit official test scores from the required admission tests - the SAT (Scholastic Assessment Test) or the ACT (Ameri-

can College Test). Test scores from one of these standard college entrance exams are required of any student who applies for admission to UNF as a freshman or sophomore (with less than 60 college level semester credit hours).

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 United States 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 U.S. Department of Homeland Security transfer requirements can be initiated. A new form I-20 from UNF cannot be issued until the current school "transfers out" the applicant to UNF in the SEVIS program.

### 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 Office of Medical Compliance at (904) 620-2175 or from their web page. If you do not have such insurance, you can purchase insurance through the UNF Office of Medical Compliance.

- (c) **Certification of Immunization** All students born after 1956 must meet immunization requirements of two (2) doses of Measles and one (1) dose of Rubella. Please refer to the "Immunization Documentation" form. This form is available from the UNF Office of Medical Compliance web page.

### Estimated Student Expenses

The following are estimated expenses for international students enrolled in undergraduate programs during the 2006-2007 academic year (fall 2006 and spring 2007). The costs for summer are additional. The estimated costs provided below are subject to change.

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

### Inter-Institutional Transient Students UNF

cooperates in a program that enables both undergraduate and graduate students to take advantage of special resources and programs available on another campus but not at their own institution, e.g., special course offerings, research opportunities, unique laboratories, overseas study programs and library collections.

Procedures and conditions of the program include:

1. The student, by mutual agreement of the sponsoring and hosting institutions, will receive a waiver of admission requirements, a waiver of the application fee with the hosting institution and a guarantee of acceptance of earned resident credits by the sponsoring institution.
2. The student must be recommended by the sponsoring academic dean, who will arrange the student's visit with the appropriate dean at the host institution.
3. The student will register at the host institution and pay tuition and registration fees according to fee schedules established at that institution.
4. Each university retains the right to accept or reject any student who wishes to study under its auspices.
5. Students normally will be limited to one term or for the duration of a special program at the University.

Special conditions must be met by transient and nonmatriculating students in order to be eligible for VA benefits. Consult Veterans Affairs at UNF.

**Transient Students\*** A student in good standing at another approved collegiate institution may be admitted to UNF for **one term** to complete work to be transferred back to the student's home institution on a space available basis.

Transient student admission is for **one term only** and for a maximum of 12 semester credit hours. Transient students who wish to re-enroll for a subsequent semester, or who wish to be considered for degree-seeking admission, must re-apply to the University and submit all necessary documentation.

An applicant for transient status is required to submit either an official transcript or a letter of good standing from the registrar of the last college-level institution attended. The student must have a 2.0 or better GPA to be admitted in this status.

**\*Note to veterans:** Special conditions must be met by transient and non-matriculating students in order to be eligible for VA benefits. Consult Veterans Affairs at UNF.

**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 the Office of Admissions by the appropriate deadline for the term of requested reentry. Former students in good standing must apply at least six weeks before the term begins. Former students who were **not** in good standing, i.e., probation or suspension, must file the request 10 weeks before the term begins. 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.

Students who have been admitted to UNF but have not attended must update their application six weeks prior to the start of the term in which they plan to enroll. 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/Applicants Who Have Missed the Admissions Deadlines**

**Students who have missed the admissions deadlines may apply to the University as Non-Degree Seeking.** The Non-Degree Seeking status is an option for students who

have submitted documents too late for consideration for degree-seeking admission. Final, official transcripts must be received within four weeks after the start of the term. Admission as a non-degree seeking student does not guarantee later admission into a degree-seeking university program. It is recommended that students do not register in this status if they have any concerns that they will not have the required number of transfer credits, or if they have concerns that they will not meet the high school or college GPA and test score requirements for admission as a degree-seeking student. The following conditions apply to students in this status:

1. Non-degree seeking students must be admitted to the University. All students, regardless of status must, at minimum, submit an application and proof of eligibility. For non-degree-seeking students, eligibility consists, at minimum, of proof of good academic standing from the last post-secondary institution attended. Proof of good academic standing may take the form of a transcript or letter of good standing from the last institution attended.
2. The student assumes full responsibility for submitting all necessary transcripts, a degree seeking application, necessary SAT or ACT test scores for students applying for special programs or for those who will not transfer a minimum of 60 hours in order to be admitted as a junior. These documents must be received four weeks into the term in order to process the student's degree-seeking application for the next term. If the student is eligible for admission he/she will be considered a degree-seeking student for the next term.
3. If the student does not meet the requirements for admission as a degree seeking student, he/she will not be eligible to register for additional terms.
4. Students in this admission status can earn no more than 12 total semester hours and, no more than 12 semester hours toward a UNF degree program. These 12 hours may be considered for inclusion in a UNF degree seeking program by the dean or designee of the college which administers the degree program for which the student has been admitted. After a student is admitted as a degree seeking student he/she will be advised by a college academic advisor who will review and recommend up to 12 hours that were taken as a non-degree seeking student toward the degree program.
5. Students admitted in this status may be eligible for academic advising during established "walk-in" time periods. Walk-in appointments are very limited. Contact the appropriate college for advising information. If the student has to self-advise regarding which courses he/she should take, it is recommended that he/she reviews the university catalog for programs of study and required courses.
6. Students admitted in this status are not eligible for federal financial aid or university scholarships.

7. Special conditions must be met by students in this status to qualify for VA benefits. Veterans Affairs at UNF should be contacted immediately for additional information. They may be reached by telephone at (904) 620-5555.
8. Students who have never attended college or who have earned less than 12 college credits are considered First Time in College (FTIC). FTIC's cannot register in this status. The Director of Admission may waive this policy if the person is 25 years or older, can demonstrate a 3.0 UNF recalculated high school GPA, and if the person has never taken the SAT or ACT. This student will be authorized to register for one term. During this term he/she must take the SAT or ACT and demonstrate a passing test score that meets UNF freshman admission standards. If during the term the student does not meet the required admission standards as an FTIC he/she will no longer be eligible to register for classes.
9. **Hours taken at UNF as a non-degree student cannot be used to meet the 60 transferable hours required for admission as an upper division transfer student.**
10. If a student is anticipating to transfer as a lower level student with more than 11 semester hours but less than 60 hours, he or she cannot use these credits in calculating the required transfer GPA for admission as a degree seeking student. This student will have one term to show proof of eligibility for admission to UNF as a lower level transfer student. This proof includes a minimum 2.0 college transfer GPA, and a UNF recalculated high school GPA and SAT or ACT scores that meet UNF FTIC admission requirements.
11. In addition to the criteria presented above, student seeking admission in a non-degree seeking status will be considered on a space available basis.

### **Non-Degree Seeking/Special Students**

Applicants not seeking to work toward a degree at the University and who do not fall into another category may be considered for admission as special students on a space available basis. These applicants may include senior citizens or persons seeking enrichment courses at the University. To determine the applicant's eligibility to enroll at UNF, an official transcript from the last college or university attended or a letter of good standing from the last institution attended must be provided. Credits earned in this status may not be eligible for transfer to other colleges and universities. Credits earned in this status are not eligible for use toward a UNF degree program or admission to UNF as a degree seeking student. International students cannot be admitted in this status.

If a student feels admission to a UNF degree program may be sought in the future he or she should not take courses in this status.

A student desiring to apply later for admission as degree-seeking will be asked to submit the required admission documents and to satisfy the admission requirements for degree seeking student status. Successful completion of course work in this status does not guarantee admission to a major or program. **In addition, financial aid is not available to students in this status.**

**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.





# Tuition and Student Fees

## Financial Aid and Scholarships

### Tuition and Student Fees

#### Florida Residency for Tuition Purposes

Tuition and fees at each public institution in Florida are set by the Florida Legislature upon recommendation by the Florida Board of Education. These fees are assessed on the basis of residency, i.e., enrolling students are classified either as “Florida” or “non-Florida” students.

Determination of residency status for tuition purposes is subject to Florida Statute 1009.21, Florida State Board of Education Administrative Code 6A-10.044, and the Board of Governors Residency Rule 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](http://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 voter’s registration, a driver’s license or 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 twenty-four (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 twelve (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 twelve (12) months.

**The documentation may include, but is not limited to, the following:** driver's license, voter 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 fifty (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 fifty (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 twelve (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 for educational purposes are generally ineligible for reclassification to Florida status.

If Florida Residency for tuition purposes is denied, the student may file an appeal in writing to the Residency 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 requirements. If the reclassification request is denied, the student may file an appeal, in writing, through the University Residency 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**

Tuition fees have been established by the Florida Board of Education, approved by the Florida Legislature, and subject to change without prior notice. Please contact the Cashier's Office at 620-2472 or refer to their website for current tuition information at [www.unf.edu/dept/controller/cashier.htm](http://www.unf.edu/dept/controller/cashier.htm).

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

**Tuition Fees** (per credit hour; includes Student Fees) for 2006-2007 are:

Undergraduate	Resident	Non-Resident
1000-4000 level courses	\$111.75	\$499.82
Graduate	Resident	Non-Resident
5000-7000 level courses	\$250.83	\$842.17

Please refer to the Cashier's website at [www.unf.edu/dept/controller/cashier.htm](http://www.unf.edu/dept/controller/cashier.htm) for 2007-2008 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 for certain psychology courses; \$15 certain nursing courses; \$19 for 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.

**Late Registration Fee** A fee of \$75 will be assessed for failure to register within prescribed periods.

**Late Payment Fee** A fee of \$75 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:

\$25.00	If face value of check is \$.01 to \$50.00
\$30.00	If face value of check is \$50.01 to \$300.00
\$40.00	If face value of check exceeds \$300.00

Payment must be made by cash, money order or certified check. If the University has received one (1) returned check, all future payments must be made by cash, money order or certified check.

**Duplicate Diploma Fee** There is a \$10.00 fee for duplicate diplomas.

**Transcript Fee** There is a \$5.00 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. Daily parking permits can be purchased at the campus entry booths for \$2.80 plus sales tax = \$3.00 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 2007 - August 2008**

1st floor garages annual	\$257.01 + sales tax = \$275 total
Premium annual	\$144.86 + sales tax = \$155 total
Premium term	\$88.78 + sales tax = \$95 total
Housing annual	\$186.91 + sales tax = \$200 total
Housing term	\$112.15 + sales tax = \$120 total
Discount annual	\$84.11 + sales tax = \$90 total
Discount term	\$51.40 + sales tax = \$55 total
Motorcycle annual	\$56.07 + sales tax = \$60 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](http://www.unf.edu/parking) or call (904) 620-2815 for general parking information.

**Shuttle Bus Service** Starting with Fall term 2007, an on-campus shuttle bus service will be available that will provide easy access around UNF. Operating hours will be assessed and adjusted as needed but initially will be Monday through

Friday 7am to 3am and Sunday from 6pm to midnight. A transportation access fee of up to \$3.85 per credit hour will be charged to all students. Students will not be required to show ID nor pay any additional amount when utilizing the shuttle service.

**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 \$75 late payment fee will be assessed on all fees not pended or paid in full by the date listed in the University Calendar.

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 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 (1) returned check, you will always have to pay by cash or certified check in the future.

**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). The students with tuition only accounts will have to pay the local fees (currently \$29.60 per credit hour) by the tuition due date to avoid a \$75.00 late payment fee assessed to their account. Students who have tuition and local fee accounts have all their fees covered, but may have 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](http://www.unf.edu/dept/controller/cashier/student_forms/htm).

Students who have Florida Prepaid for dormitory charges must submit a copy of their prepaid card to housing by the housing 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 \$75 reinstatement 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.
- (d) petitioner will be notified of outcome after committee review.

Students have six (6) 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 fire fighters 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, 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 (6) semester credit hours in Fall and Spring semesters (four (4) semester credit hours for Summer). Graduate students must be enrolled in four (4) semester credit hours in Fall and Spring (three (3) semester 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 (6) semester 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 1st priority date for early consideration. Applications after April 1st 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). This form may be picked up at any local high school guidance office, community college, university financial aid office, or on the Internet at [www.fafsa.ed.gov](http://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.

## 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 \$4,310 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 6 to 11 hours.

Students may apply by completing the Free Application for Federal Student Aid (FAFSA) by April 1st.

**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 at least a cumulative 3.0 grade average on a 4.0 scale 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 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.

**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% 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 and 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 federal 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 federal 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. The Committee will review the appeal and 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. Attached 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 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 received 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)

**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. Please visit the Department of Education's website at [www.fafsa.ed.gov](http://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](http://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 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.myfloridaeducation.com/brfuture](http://www.myfloridaeducation.com/brfuture). For other information concerning state-sponsored scholarships visit the website at [www.floridastudentfinancialaid.org](http://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 such as: [www.fastweb.com](http://www.fastweb.com); [www.collegeboard.com](http://www.collegeboard.com); [www.srnexpress.com](http://www.srnexpress.com); and [www.scholarship-page.com](http://www.scholarship-page.com).

### Tuition Deferment

If a student receives financial aid, the university will automatically defer the payment of tuition until the financial aid funds are disbursed. Some types of aid are excluded from the process. Awards excluded are Federal Work Study Program and Florida Prepaid Program.

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

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

### Financial Aid and Scholarship Check

**Disbursement** The first disbursement of financial aid checks occurs after the second week of classes. As students' files are cleared, financial aid checks 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. Any monies 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 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.

The following worksheet is provided to help students in financial planning at UNF. It is suggested that independent students use 12 months for expense projections. Dependent students should use 9 months.

**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 and Benefits:**

**Chapter 30 - Montgomery G.I. Bill.** First entered active duty 7-1-85 or later and completed initial obligated period of active duty of two (2) years or more or who completed two (2) years of active duty and enters the selective reserve for four (4) or more years. Certain Chapter 34 eligibles are entitled after 12-31-89.

**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 4-1-87 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 1-1-77 and 6-30-85 inclusive, and signed up prior to 4-1-87 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 (6) year period after 6-30-85. Officer: added six (6) years to current obligation after 6-30-85.

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. Graduate students may not be certified for a second term until fully admitted into a graduate 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.

	<b>Undergraduate</b>	<b>Graduate*</b>
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 620-5555 located in Building 2, Founders Hall, first floor, lobby area.

**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, please contact the One Stop Student Services Center at 620-5555.



# Academic Policies and Regulations

**Mark E. Workman**, Provost and Vice President for Academic Affairs, 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 forty-eight (48) semester hours.

After completion of sixty (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 College of Arts and Sciences; the Coggin College of Business; the College of Computing, Engineering, and Construction; the College of Education and Human Services; or the Brooks College of Health. 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 thirty (30) semester hours, no more than ten (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 forty-five (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 thirty (30) hours of which no more than ten (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 thirty (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 thirty (30) semester hours of credit. Completion of the total IB Diploma will enable students to enter UNF at the sophomore level. 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.

- Students who have been awarded the IB Diploma shall be awarded up to thirty (30) semester credits in the subject areas in which they scored four (4) or above on IB Diploma program examinations.
- Students without the IB Diploma shall be awarded up to six (6) semester credits in the subject areas of each IB higher level examination on which they scored five (5) points or above.
- Students without the IB Diploma will not be awarded credit for Standard Level exams regardless of the score on the IB test.

**General Education Program** The three (3) 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:

- 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 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

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 Semester 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 2110 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 Semester 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 2023 G(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 Semester 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

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.

- 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 Semester Hours**

- Part A: Introductory Social Science. Choose 1:
- AMH2020 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 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
- MMC2701 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 Semester Hours**

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).

**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 Semester Hours**

Lower-level students will have at least twenty-four (24) semester hours available as electives within the first sixty (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 thirty-six (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:

<b>English Composition:</b>	<b>9 Hours</b>
<b>Mathematics:</b>	<b>6 Hours</b>
<b>Humanities:</b>	<b>9 Hours</b>
<b>Social Sciences:</b>	<b>6 Hours</b>
<b>Natural Sciences:</b>	<b>6 Hours</b>
<b>Total</b>	<b>36 Hours</b>

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 eighteen (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 sixty (60) credit hours, including those being taken in the current semester, a registration hold will disallow further upper-level course registration unless 3 parts of CLAST have been met. After registering for ninety (90) credit hours, the hold will disallow further upper-level course registration until CLAST is totally met. 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 catch up to UNF CLAST requirements.

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 2007-2008, CLAST (paper and pencil test) will be administered on October 6, 2007, February 16, 2008, and June 7, 2008 for first-time takers as well as retakers of the Essay subtest only. A computer-based CLAST is available to students retaking 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 5 of Chapter 95-411, Laws of Florida, Section 240.107, 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 twenty-one (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 twenty-two (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 twenty-one (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, 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 thirty 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, Founders Hall, Room 2056.

#### **Other Waivers of CLAST Subtests**

Any student who has taken any subtest at least four (4) 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, Room 2056.

**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 and 2000 series—freshman- or sophomore-level courses.
- 3000 and 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 fifteen (15) hours per term. A minimum full-time load is twelve (12) hours per term. No student may exceed a load of twenty (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 enrolled in a **minimum of twelve (12) hours per semester (Fall and Spring) and six (6) hours per Summer A and B term(s) and nine (9) hours per Summer C** term once the drop/add period has ended .

A full-time graduate course load is nine (9) or more hours per semester (Fall and Spring) and six (6) or more during the summer once the drop/add period has ended.

*Federal Financial Aid regulations specify a minimum of twelve (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 (including at least 30 upper level hours)

**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** Once a student has matriculated at UNF as a lower division student (fewer than 60 semester hours), he/she may concurrently enroll in no more than a maximum of seven hours at another regionally accredited community college for credit toward a UNF degree program. Exceptions may be approved by the academic advisor for extenuating circumstances.

Students who wish to take courses at another Florida public institution during the summer in order to fulfill the Florida Board of Education nine hour summer attendance requirement may be granted permission to take courses that will be offered at UNF during the summer term, but only up to a maximum of nine concurrent hours.

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

**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. Students must request transcripts be sent to their home institution after grade processing and pay the transcript fee.

**Transient Student Application Procedure:**

**If attending another Florida public institution:**

1. Transient student form (obtained from student's home school)
2. Copies of immunization dates (faxed from home school to the Office of Medical Compliance fax: (904) 620-2901).

**If attending a non-Florida public institution:**

1. Completed non-degree seeking/special student application (obtained from One Stop Student Services)
2. Official transcript from current institution  
**or**  
Letter of good standing from current institution
3. Completed health form (obtained from Office of Medical Compliance phone: (904) 620-2175).

There is no deadline for transient student applications. Transient students cannot be advised at UNF. They must be advised by their home institution. Transient students are eligible to register during **Open Registration only and will not receive an appointment**. For additional information see the UNF website.

**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 (15) 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% 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 3 weeks of classes, students must complete a Petition to Waive University policy, supported by proper documentation to be considered for lat adding a course. A final grade of F is assigned if a student discontinues attendance in a course without officially dropping or withdrawing from a course.

Non-attendance does not guarantee a student will be 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 2 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 or send a letter postmarked no later than the deadline. 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](http://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, P, W, WP** 0.0 (not calculated in GPA)

**X - 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.

**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.

**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 <http://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 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](http://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 fifteen (15) hours at UNF and have a semester GPA of 3.5 or higher for at least nine (9) 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 Distinction calculations. None of the course 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.
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 sixty (60) semester hours with a 2.0 grade point average including the thirty-six (36) semester-hour general education program requirement outlined under the freshman/sophomore general education program.
5. Complete a minimum of thirty (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** one hundred twenty (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 forty-eight (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** At least thirty (30) upper-level semester hours must be completed in residence at UNF. Students who transfer two years of lower-level work plus one or more years, i.e., at least thirty (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 a minimum of thirty (30) upper-level semester 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 thirty (30) semester hours of the total one hundred twenty (120) hours may be completed through correspondence or extension course work, and no more than ten (10) semester hours of such course work may be accepted as upper-level work.

**9. Summer Enrollment** The Florida Board of Education requires students who enter a state university in Florida before completing sixty (60) semester hours or ninety (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.

Students who earn 9 or more credits from one or more of the acceleration mechanisms provided for in SB 20-E § 1007.27 *Articulated acceleration mechanisms* are 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 9 credits of acceleration mechanisms upon initial matriculation must complete the mandated 9 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. 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 forty-eight (48) semester hours (30 semester hours for RN-BSN 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 thirty (30) hours are required for honors in a second baccalaureate degree.

**Recognition of Latin Honors Distinction for Graduates** Candidates who have accumulated forty-eight (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 reinitiate 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 thirty (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 One Stop Student 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.

**Simultaneous 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 simultaneous degrees. Some colleges do not permit a student to earn simultaneous degrees. Students desiring to pursue simultaneous 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.

### **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 in MyWings 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 those students who are enrolled in classes are permitted to attend that class beyond the reinstatement period.

a. 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 one year 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 (e.g., 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 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 210, J.J. Daniel Hall, 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 and Florida Board of Education policy and provisions of the Family Educational Rights and Privacy Act of 1974 as amended. 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 forty-five (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 \$5.00 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 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 U.S. mail. Students must include a check or money order for the number of transcripts ordered. Transcripts are \$5.00 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.

**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:** Enrollment Services Compliance

**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, degree(s) awarded, status (full or part-time), classification (freshman, sophomore, etc.), and email."

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 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 (Bldg. 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 via e-mail at [OneStop@unf.edu](mailto:OneStop@unf.edu).

## Academic Advisement

**General** UNF's advising system has been recognized by the National Academic Advising Association as one of the best in the nation. This exceptionally capable system allows UNF students to map out a program of study best tailored to their individual needs. The University of North Florida is committed to providing caring, quality advising and related student support services for all UNF students in a culturally sensitive and diverse environment. UNF encourages the development of individual initiative, responsibility and self-discipline by students in the planning of their own educational programs. The UNF academic advising system is designed to assist students in the development of educational plans and career goals and to provide assistance and support as students pursue those goals. Academic advisors across the campus help students to understand and negotiate the procedures and policies of the University.

**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. 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. Academic advisors provide students with the initial Degree Evaluation which outlines degree requirements. They also assist with clarification of university policies and procedures and provide information on resources available to students on campus. Advising Offices are located in the:

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

## Academic Center for Excellence

The Academic Center for Excellence (ACE) serves many functions. It provides tutoring support for the university, academic advising for all freshmen and sophomore students, an annual writing contest for graduate and undergraduate students as well as a variety of targeted retention programs.

These retention programs include Peer tutoring in a variety of disciplines; Early Warning System (EWS) which encourages faculty to identify and refer potential at-risk students in their courses for intervention; College Success Skills courses designed to enhance and increase student success in college through education and instruction of effective study habits and techniques; the 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 and 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 (Bldg. 2), room 2120. You can reach the center by calling (904) 620-1012 or through the web at <http://www.unf.edu/es/ace>.

**Office of Academic Testing** administers Independent Study examinations and such tests as the Allied Health Profession Admissions Test (AHPAT), College-Level Academic Skills Test (CLAST), College-Level Examination Program (CLEP), Florida Teacher Certification Exam (FTCE), Graduate Record Exam (GRE), PRAXIS I, and Test of English as a Foreign Language Examinations (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 and just recently became authorized to sell Apple Computers entire product line. Both Apple and Dell products are available to the UNF community at discounted prices. More than 6,000 computer software programs are available at educational prices with discounts of up to 85% 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, 7:45 a.m. to 7 p.m., Friday 7:45 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](http://www.unf.bkstr.com).

## Chartwells Dining Services

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

**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: Market Carvery - Carved turkey, chicken, chops, macaroni and cheese, vegetables, etc.; Origins - Ethnic: Pacific Rim, American, European, epicurean culture foods; Menutainment - Culinary showmanship - exhibition cooking; stir-fry, wraps, and more; Sandwich Central - Sandwiches, subs, meats, cheeses, unique breads and spreads; Terra Ve - Innovative Vegan and vegetarian dishes - health conscious, excellent variety; Fresh Grille - Traditional favorites, new foods - much more than burgers and fries; Trattoria - Complete variety of pizzas, chicken, pastas, salads; Garden Emporium - The freshest salad varieties and combinations and hot, fresh soups; Double Treat Bakery - The perfect end to a delicious meal: sweet treats, ice cream, pies, cakes; Center of Refreshment - Juices, teas, coffee, milk, carbonated/non-carbonated drinks. Includes menu items from Balanced Choices nutritional program.

### **Sbarro Italian Eatery@ 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.

### **Alumni Café @ Alumni Square**

Smoothie sensations, sundaes, ice cream and frozen yogurt by Freshens. AFC sushi made fresh daily.

### **Outtakes Quick Quisine @ Alumni Square**

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

**Wackadoo's @ The Boathouse** (north end of campus, across from the Arena) Wackadoo's mission is to provide fresh, homemade food while keeping the budget of the college student in mind. They provide a full service lunch and dinner.

**Sub Generation @ The Boathouse** Custom made Sub sandwiches, tossed salads and Au Bon Pain soup make Sub Generation a unique dining facility on campus. Sandwiches are made from freshly baked bread, garden fresh salads and meats sliced on a daily basis. Combos are offered daily.

**Starbucks® @ the Atrium** is located by the Library. Known the world over of expertly roasted coffee, hand-crafted espresso beverages, cool, indulgent Frappuccino® blended beverages, quality coffee related merchandise and sweet treats, Starbucks® is a welcome addition to the University of North Florida campus.

For more information and on Standing Reservations and Flex Dollars, visit us online at [www.dineoncampus.com/unf](http://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 the John E. Mathews, Jr., Computer and Information Sciences Building, provides computer, networking, information systems, and telephone support to the academic and administrative communities of UNF.

A full-service Support Center 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 (15/2106), e-mail ([its-support@unf.edu](mailto:its-support@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.

## **42 Support Services**

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, e-mail and dial-up. Students use the ITS Self Service page (<http://www.unf.edu/app/ess>) to find out their UNF ID, change their password, select a friendly e-mail alias, forward their e-mail and turn on spam blocking. Instructions for accessing student e-mail are available at Information Technology Services' website: <http://www.unf.edu/dept/its/e-mail/student-email.htm>

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

**Irish Studies** The university offers a variety of courses in Irish literature and is expanding its Irish Studies course offerings into other academic disciplines, e.g., history, political science and art history. In addition, the John Francis Reilly Performance and Lecture Series regularly presents programs related to the Irish and the Irish-American experience: Irish writers and performing artists, scholars with expertise in aspects of Irish Studies. These programs, open to the public and designed to serve both the university and the community at large, are made possible by grants from the Schultz Foundation and Hibernia, Inc.

**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 over 800,000 resources in various formats, including books, periodicals, maps, federal and state documents, media such as compact discs and videos, curriculum materials, microforms, and electronic materials. Staffed by 21 library faculty and 24.5 support personnel, the library provides services common to a university research library, including reference and information services, tours and bibliographic instruction, interlibrary loans, electronic databases, electronic full-text journals and books, and archives and special collections. Faculty and students can access most services through the library's web page, [www.unf.edu/library](http://www.unf.edu/library).

Through the Florida Center for Library Automation (FCLA), the library maintains an online catalog, Aleph from ExLibris, which searches holdings of the UNF Library, and more than 10 million MARC holdings records of the other ten 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, completed in fall 2005, adds 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 web page, [www.unf.edu/library](http://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. 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. For additional information, call 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 Aid 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 Office of Admissions.

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).

**Servicemembers 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 Building 2, Founders Hall, first floor, and can be reached at 620-5555.



# Student Affairs and Student Services

**Dr. Mauricio Gonzalez**, Vice President for Student and International Affairs  
Founders Hall (Building 2), Room 2091  
**620-2600 (Voice/TDD)**  
**[www.unf.edu.studentaffairs/](http://www.unf.edu.studentaffairs/)**  
**Contact Us: [Student.affairs@unf.edu](mailto: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 16,000 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.

### **Campus 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 and Parent Handbooks: the Student Conduct Code, Alcohol and Other Drugs Policy, Parental Notification Policy, Academic Integrity Code, Disruptive Behavior Policy, Public Speaking Policy, Sexual Harassment Policy, Tobacco 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.

Resident students are governed by additional policies, most of which are outlined in "The Resident Handbook." Copies of these documents are available either on the UNF web page or in the Office of the Vice President for Student and International Affairs, Founders Hall (Bldg. 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) 620-2460.

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 two drum lines. 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 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 [www.unf.edu/studentaffairs/](http://www.unf.edu/studentaffairs/).

In addition, several 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 Two), 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 web page), Student Update, UNF's Web Calendar, the Housing Information Channel, bulletin board flyers, road signs, SG kiosk and the electronic marquee. Students with disabilities who require special assistance to participate in an advertised program should contact the sponsoring group or the Disability Resource Center, (620-2769 voice/TDD) to request accommodations.

### **African American Student Union**

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 (Bldg. 14)/Room 1535 and may be reached by phone at (904) 620-1529.

### **Campus Ministry Department**

The mission of the Campus Ministry Department is to care for the individual and to lead, educate and advocate the expression of religious faith and values in the University of North Florida community.

Campus Ministry supports the University's mission to provide for the holistic development of all individuals within the University community. Essential to this development is personal and interpersonal growth. Believing that religious and moral perspectives complete the triad of physical, intellectual and spiritual development, Campus Ministry seeks to enhance the quality of the University community and personal life.

Broadly speaking, the Campus Ministry mission is accomplished through:

- Supporting the mission of UNF.
- Facilitating spiritual formation, development and expression.
- Providing pastoral care to individuals.
- Stimulating cooperative efforts among participating ministries.
- Fostering respect for religious differences.
- Interacting positively with the Administration, Staff and Faculty.
- Setting and subscribing a responsible budget.
- Building relationships between American and International Students.
- Working to build an interfaith religious center on campus.

An Emergency Loan Fund (ELF) is made available without interest to cover short term financial concerns. Applications are accepted through the Campus Ministry Department located on the second floor of the Robinson Student Life Center (Bldg. 14)/Room 2636. Phone (904) 620-2837 Fax (904) 620-1057; <http://www.unf.edu/groups/campusministry>; e-mail: [campmin@unf.edu](mailto:campmin@unf.edu). Hours of operation are posted in the Campus Ministry Department and on the bulletin board next to the external elevator on the first floor of Schultz Hall (Bldg. 9), in the Courtyard area.

The Campus Ministry Department is under the supervision of the Assistant Vice President for Student Affairs. The department provides a listing of contacts that have volunteered to serve as spiritual resources for the University representing a variety of faith traditions. This information is available in the Campus Ministry Office located in (Bldg. 14)/Room 2636.

Additionally, there are student religious clubs recognized by the University but not affiliated with the Campus Ministry Department. Contact UNF Club Alliance (620-1470) for more information on these.

### **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 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 semester 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 semester 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 semester 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 semester 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 semester hours.

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

Prerequisite: Acceptance in cooperative education program and at least 6 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 semester 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 semester 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 semester 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 semester hours.

**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.

**Job Vacancy Listings:** Career Services has an affiliation with MonsterTrak, a premier web based organization 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.

**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. <http://www.unf.edu/dept/cdc>

Career Services' main office is located in Founders Hall (Bldg. 2), Room 2039. Office Hours are: Monday-Friday, 8 a.m. to 5 p.m. The Career Library is located in Room 2086 and is open Monday and Thursday from 9 a.m. to 6 p.m., and Tuesday, Wednesday and Friday, 9 a.m. to 5 p.m. Phone: 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. Certified 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 St. Johns Bluff Road entrance to the campus. CDRC's web site is <http://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.

**Couples:** Counseling for couples is available for Individuals having difficulties in a relationship with a significant other, such as a spouse or partner. One member of the couple must be a currently enrolled student.

**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. Interpretation of the Myers-Briggs Type Indicator also is available.

**Appointments:** The Counseling Center is located in Building 2, Room 2068. Counseling appointments can be made either in person or by telephone (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 (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 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](http://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 (Bldg. 10/Room 1201). Monday-Thursday 8 a.m. to 8 p.m.; Fridays 8 a.m. to 5 p.m. Voice/TDD: 620-2769/Fax: 620-3874 [www.unf.edu/dept/disabled-services](http://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 admissions 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 6 students from 5 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, 5 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 4 levels (beginning, intermediate, advanced and pre-university). A 5th level of instruction will be added summer semester, 2007. 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 English 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](mailto:elp@unf.edu) Monday – Friday, 8:30 a.m. - 5 p.m., (904) 620-4281. The ELP Office is located on campus in the Northern Classroom Complex/Portable 833.

### **The Florida/West Africa Institute (FLAWI)**

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 16 countries which comprise the region of West Africa. 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**

The University of North Florida has 16 fraternity and sorority chapters on campus, representing well-over 1,500 students. They include members of the IFC (NIC), NPHC, Panhellenic Association (NPC) and MGC (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, Order of Omega Greek Honor Society, and Rho Lambda Women’s Honor Society.

Currently recognized Chapters are:

Fraternities:

Alpha Phi Alpha	Kappa Sigma
Chi Phi	Pi Kappa Phi
Kappa Alpha	Sigma Alpha Epsilon
Kappa Alpha Psi	Sigma Chi

Sororities:

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

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/RUSH 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!

Typically, membership in campus Greek organizations is limited to undergraduates; however, there are ways for graduate students to become involved with fraternities and sororities.

For more information about Greek Life, contact Tyler Young/ Greek Life Office in the Robinson Student Life Center (Bldg. 14)/ Room 1541 or call (904) 620-2526/e-mail [tyoung@unf.edu](mailto:tyoung@unf.edu).

### **Handbooks for Students and Parents**

The UNF Student and 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 Handbook is available in a variety of Student Affairs offices on campus including the Student Affairs Vice President (Bldg. 2), the Bookstore (Bldg. 8), Academic Advising Offices, Student Life (Bldg. 14), and the Robinson Center Information Desk (Bldg. 14). It also appears on the Student Affairs web page at <http://www.unf.edu/studentaffairs>.

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 (Bldg. 825).

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) 620-2569 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, STI information, health fairs, class presentations and workshops, residential programming and other outreach activities. The main office is located in the Arena (Bldg. 34)/Room 2003A and may be reached at 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. They are available through contacting the main office of Health Promotion.

**Dr. Paul Shirley Assessment Center:** The Center provides fitness, nutrition, stress assessments, exercise prescription, goal planning, nutritional counseling with a graduate nutrition student, chair massage, 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 620-1081 or visit the Center in the Dottie Dorion Fitness Center (Bldg. 25/Room 1106).

**C.A.D.I.C. (Campus Alcohol and Drug Information Center):** CADIC 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). The office also provides free anonymous HIV testing. CADIC strives to provide a confidential and supportive atmosphere conducive to learning, healthier living and student retention. The Center is housed in the Arena (Bldg. 34)/Room 2003A and may be reached at 620-2557.

## **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 campus is nestled in 1,100 acres of woods. The University's own surrounding forest 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.

## **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 and other campus events.

## **Convenience**

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

## **Free High-Speed Data Access, Local Telephone, Cable TV Service, and Wireless!**

All rooms in housing are wired for in-room, high-speed data access, local telephone, 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 in all the 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) who are Master's level professional staff members, live in the residential community to provide an added level of support and supervision.

## **Athletic and Recreation Complex**

The UNF Athletic and Recreation 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 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, 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.

## Intercollegiate Athletics

The University of North Florida athletic program is in its third 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 many it possible to add a number of enhancements — such as a scoreboard, seating, lights, etc. — that will take the facility to completion in 2007. 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 p.m. (904) 620-2833 or write to UNF Athletics, 4567 St. Johns Bluff Road, South, Jacksonville, Florida 32224-2672, or go to [www.unfospreys.com](http://www.unfospreys.com)

## Intercultural Center for PEACE

The Intercultural Center for the Promotion, Education and Advancement of Cultures and Ethnicities (PEACE) 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. 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 Wednesday, 8 a.m. to 6 p.m.; Thursday and Friday, 8 a.m. to 5 p.m.; (904) 620-2475; [www.unf.edu/dept/icp/](http://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 and Florida/West Africa Linkage Institute headings in this section. For additional information call (904) 620-2657.

International students at UNF represent more than 100 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](mailto:rharrold@unf.edu). See also more detailed information in this chapter.

## Leadership Institute

**Overview:** 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 core courses focused on leadership theory, ethics, decision making, and group dynamics. These courses are taught by Student Affairs professionals trained in leadership theory and skill development.

### 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:** Please contact the Subdivision of Student Life at (904) 620-2525 or stop by Bldg. 14, Room 2640.

Dr. Lucy Croft  
Assistant Vice President for Student Affairs  
University of North Florida  
(904) 620-2525

### 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. With the mission 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, the center provides services that range from educational programs to celebrating National Coming Out Day. The center also provides students with opportunities to get involved on campus, leadership initiatives and a welcoming space to meet new friends. For more information visit the website: <http://www.unf.edu/dept/lgbt/> or call (904) 620-2939. The center is located in the Northern Portable Classroom Complex, #854C.

### Medical Compliance

Focusing on our mission to promote health and prevent health risks, the staff of the Office of Medical Compliance 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 Office may be reached at (904) 620-2175; or fax (904) 620-2901. The office is located in The Robinson Center (Bldg. 14) Room 1522.

**Immunization Services:** The department maintains current immunization and health history records on students born in 1957 and after. Proof of immunity to measles (two doses) and rubella (one dose) is a prerequisite to registration, and a health history is required for all students. Beginning January 7, 2003, it is required by Florida Statute (1006.69) that all on-campus residents provide to UNF documentation of vaccination against meningococcal Meningitis and Hepatitis B, unless the resident 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 please see [www.unf.edu/dept/medcom/UNFImmu.pdt](http://www.unf.edu/dept/medcom/UNFImmu.pdt).

**Health:** 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 Medical Compliance before registering for classes (see the link below for the evaluation form the student must submit to their insurance

company). [www.unf.edu/dept/medcom/UNFIns.pdf](http://www.unf.edu/dept/medcom/UNFIns.pdf). 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 immunization form. (See [www.unf.edu/dept/medcom/goodhlth.htm](http://www.unf.edu/dept/medcom/goodhlth.htm))

**Meningococcal Meningitis** is a severe form of bacterial meningitis that causes an infection of the brain and spinal cord. This bacterial infection, though rare, may cause severe neurological impairment, partial extremity amputations or even death (10-15% mortality rate). The American College Health Association and the Centers for Disease Control and Prevention recommend that students consider getting the meningococcal vaccine. Meningococcal vaccine enhances immunity to four strains of bacteria that cause 65-70% of the disease and lasts 3-5 years. Freshmen living in residence halls, exposure to cigarette smoke, bar patronage and excessive alcohol consumption may further increase the risk of infection within the 17-24 age group. The incidence in young adults is one case in 100,000 and 3.8 cases per 100,000 for college freshmen living in dormitories. People should not receive this vaccine if they have ever had a serious allergic reaction to a previous dose of the vaccine. People with moderate or severe illness usually should wait until they recover to receive the shot. Meningococcal vaccine may be available through your local health department, your primary care physician and is available through UNF’s Student Medical Services once you are eligible for services with us.

**Hepatitis B** is a serious viral liver infection, prevalent worldwide, that can lead to chronic liver disease and liver cancer. Anyone who comes in contact with blood or other body fluids (semen, vaginal fluids and saliva) of an infected person is at risk for the disease. The virus also can be spread from mother to baby during pregnancy and delivery. Hepatitis B vaccine is extremely safe and effective and can provide immunity against Hepatitis B for individuals at risk. People should not receive the vaccine if they have ever had a life threatening allergic reaction to baker’s yeast or to a previous dose of this vaccine. People who are moderately or severely ill at the time of the shot usually should wait until they recover before getting the vaccine. Hepatitis B vaccine may be available from your local health department, your primary care physician and is available from Student Medical Services once you are eligible for services with us.

### **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 Schultz Hall (Bldg. 9)/Room 1106 or room 1102 or may be reached by phone at (904) 620-1582 or (904) 620-1574 or FAX 620-1815.

### **Osprey Productions**

Osprey Productions (OP) 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, major concerts and comedians in UNF’s Arena, and the annual multicultural Earth Music Festival every spring. Notable past events include: on-campus performances by comedians 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: Flogging Molly, Yellowcard, 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 (Bldg. 14) Room 1540. You may also contact their hotline at (904) 620-2460 or visit their website at [www.unf.edu/groups/osprod](http://www.unf.edu/groups/osprod).

### **Parents Association**

The UNF Parents Association is housed in the Office of the Vice President for Student Affairs. The 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.

### **Police and Public Safety, Department of**

The Department of Police and Public Safety is located in UNF’s Martin P Garris Police Building (41), on the campus of the University of North Florida. 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](http://www.unf.edu/recsports) for sign-up deadlines and captain's meetings.

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

- 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 \$66 for three one-hour sessions.

- 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.

**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 St. Johns Bluff Road. 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. Contact for more information: Phone: (904) 620-1810, E-mail: Rectrail@unf.edu, Website: [www.unf.edu/recsports/nature/index.html](http://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 three-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. The facility is named for John T. and Geraldine Hayt, whose donation was matched by the state to establish the Center. Golf operations for Golf Plex at UNF are managed by McCumber Golf. Call 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 2007 construction will begin 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 will be 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. At time of this publication this lot is only accessible from two non-UNF roads: Beach Boulevard or Central Parkway (the latter of which is off St. Johns Bluff Road, just north of the 9A campus entrance).

**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, Aquatics, Rugby, Surfing, Lacrosse, Ultimate Frisbee, Aikido, Wrestling, Weightlifting, and Sweet Science Studies (boxing). These organizations are open to participation by students, faculty and alumni.

The Recreation Office is located in the UNF Arena (Bldg. 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 car stipends.

The Reentry Program is located in the Women's Center in the Robinson Student Life Center (Bldg. 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 our web site at <http://www.unf.edu/dept/womens-center/>

### **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

Body 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 (Bldg. 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 Body President, the Student Body 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 and are:**

**The African American Student Union (AASU)** is responsible for the development and implementation of cultural enrichment activities and educational workshops that reflect the various interests of the student body with special focus on African American culture. AASU may be contacted via e-mail at: [www.unf.edu/groups/aasu](http://www.unf.edu/groups/aasu); by phone at 620-2689 or visited in Bldg. 14 - Room 1529.

**Club Alliance (CA)** acts as the liaison between SG and registered student clubs and provides coordination, support, information, and resources to approximately 150 student organizations on campus. This student-run organization may be contacted via e-mail at: [www.unf.edu/groups/cluballiance](http://www.unf.edu/groups/cluballiance); by phone at 620-1470 or visited in Bldg. 14 - Room 1543 (See "Student Organizations" in this Catalog section).

**Osprey Productions (OP)** plans and produces a variety of entertainment events for the student body including weekly concerts and movies, major concerts and comedians in the UNF Arena, outdoor festivals on the University Green, and free tickets to movie premiers at local cinemas. OP is comprised of an Advisor, Director, Assistant Directors, six Committee Chairs, and active membership in all demographics of the University. OP can be contacted via e-mail at: [www.unf.edu/groups/osprod](http://www.unf.edu/groups/osprod); by phone at 620-2460 or visited in Bldg. 14 - Room 1540 (See more detail on Osprey Productions in this Catalog section)

**Volunteer Center (VC)** connects students, faculty, and staff to community service organizations in the City of Jacksonville and provides opportunities to interact with the community through volunteerism. The Volunteer Center is located in Bldg. 14 - Room 2648 and may be contacted via e-mail at: [www.unf.edu/groups/volctr](http://www.unf.edu/groups/volctr); by phone at 620-2755 or by e-mail at [volctr@unf.edu](mailto:volctr@unf.edu)

### **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 forty-six 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 bi-weekly.

### **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 Body 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% 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**

(see entries on **Student Medical Services, Medical Compliance Office, or Office of Health Promotion in this section**)

### **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, Campus Ministry Department, Greek Life; Lesbian, Gay, Bisexual, Transgender Resource Center; Student Organizations, Student Media Center, Leadership Institute, Women's Center, Dean of Students Office, and advisement of Student Government and its agencies (African-American Student Union, Club Alliance, Osprey Productions and the Volunteer Center). Student Life is located in the Robinson Student Life Center (Bldg. 14)/ Room 2640. 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.

### **Andrew A. Robinson, Jr., Student Life Center**

The Robinson Student Life Center (UNF's 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 (Rm. 1700), the Osprey Cafeteria, the newly renovated Robinson Theatre 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 Department of Student Life, which is comprised of the Robinson Center Reservations and Management, Department of Student Activities, the Center for Student Media, Office of Student Organizations and Leadership Development, and Office of Greek Life. Also housed there are the Women's Center, Student Medical Services, Campus Ministry, and Student Government (including SG'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](mailto:r.reservations@unf.edu) or get more information, contact (904) 620-1496.

### **Student Media, Center for**

The Center for Student Media serves as the umbrella organization over student-run media outlets at UNF including the Spinnaker, UNF's official newspaper; Osprey Radio, UNF's official radio station; and Osprey Television, UNF's official television station. While the student media outlets are designed to complement the academic study of journalism and broadcasting students, all students are welcome and can benefit from involvement in the media. The day-to-day operations of the Center for Student Media are overseen by a professional media adviser, whose job is to provide feedback, guidance and advice to the students, who are ultimately responsible for each media outlet.

**The Spinnaker** is UNF's award-winning student newspaper, covering campus news, entertainment and sports every week. The paper is funded by advertising revenue as well as through student activity fees. Published each Wednesday during the fall and spring semesters and once per semester during the summer, the spinnaker is free and available at more than 25 locations throughout campus. Students who wish to become writers, photographers or editors for the spinnaker should telephone (904)620-2727 or inquire at the Robinson Student Life Center (Bldg. 14) Room 2627.

**Osprey Radio** is UNF's student-run radio station, funded through student activity fees and advertising revenue. Osprey Radio Currently operates as a webcast available at [www.ospreyradio.com](http://www.ospreyradio.com)

with College Top 30 music as well as jazz, progressive rock, talk and more. Students who wish to be part of Osprey Radio should telephone (904) 620-2908 or inquire at the station located in Founders Hall (bldg. 2) Room 2065.

**Osprey Television** is UNF's student television station, Funded through student activity fees and advertising revenue. Osprey TV broadcast on UNF's closed-circuit cable system on Channel 118. The station airs a variety of feature films in addition to student-produced news and entertainment programming. Students who wish to be a part of Osprey TV should telephone (904)620-2260 or inquire at the station in the Robinson Student Life Center (bldg. 14) Room 2628.

### **Student Medical Services**

Student Medical Services provides primary care services for the student population at UNF. Acute and chronic medical concerns are evaluated and treated. Risk factors for future health problems are addressed and individualized counseling is provided to promote optimal long term health.

**Medical Providers:** On-campus medical providers (two physicians, one Physician's Assistant and one Advanced Registered Nurse Practitioner) are available weekdays by appointment. Services include: physicals, general health counseling, GYN exams, lab testing, and treatment of minor emergencies.

**Nursing Services:** Registered nurses are available schedule permitting to provide first aid, health care and health counseling to ill or injured students. No appointments are necessary, but please call ahead to inquire about availability. Nursing services for staff include: First Aid, Workman's Comp referrals (after the supervisor has filled out the first notice of injury) and immunizations and TB tests required by your job and approved by your department (appointment required).

The office is located in the Robinson Student Life Center/ Room 1501 and may be reached at (904) 620-2900; or fax (904) 620-2902. Hours of operation are. Monday, Thursday, and Friday, 8 a.m. to 4:30 p.m.; Tuesday-Wednesday, 8 a.m. to 6:30 p.m.

### **Student Organizations**

The Department of Student Life provides support to the more than 150 student organizations at UNF, registers student organizations, and advises Club Alliance (an agency of Student Government). Clubs exist because of student interest, generally being formed for social, honorary, cultural, recreational or pre-professional purposes. The Office is located in the Robinson Student Life Center (Bldg. 14), Room 2640. The Office can provide a continuously updated listing of all registered clubs to UNF students, staff or faculty upon request. For more information, contact the Office at (904) 620-2525.

### **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 2005-2006 academic year, UNF students earned credit for coursework in 28 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 (Bldg. 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 and 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: Athletics, Child Development Research Center, Campus Recreation, Career Services, Campus Alcohol and Drug Information Center, Counseling Center, Disability Resource Center, English Language Program, Health Promotion (including the Campus Alcohol and Drug Information Center and the Paul Shirley Assessment Center), Housing Operations, Intercultural Center for PEACE, International Center (Including services for international students as well as study abroad programs), Medical Compliance, Parent and Family Programs, Parents Association, Recreation, Residence Life, the Subdivision of Student Life (including Greek Life, The Leadership Institute; Gay, Lesbian, Bisexual, Transgender Resource Center; Student Government, Student Activities, Golden Key International Honour Society, Blue and Gold Key, Student Organizations, Robinson Center Student Union management, and Center for Student Media, Campus Ministry Department, and Volunteer Center) Student Medical 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 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 web site at <http://www.unf.edu/studentaffairs/>

### **Victim Advocacy Program**

The Victim Advocacy Program provides 24-hour crisis intervention services to the University community. The program is committed to providing effective assistance to students, both male and female, who have experienced threatened or actual violence. Confidential services include: 24 hour crisis helpline, emotional support, evaluation of options, explanation 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 Helpline may be reached at (904) 620-1010.

The Victim Advocacy Program is located in the Robinson Student Life Center (Bldg. 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 our web site at <http://www.unf.edu/dept/womens-center/>

### **Volunteer Center**

The UNF Volunteer Center, an agency of Student Government, 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 (Bldg. 14), Room 2648. For more information contact (904) 620-2755; fax (904) 620-1005 e-mail: [volctr1@unf.edu](mailto:volctr1@unf.edu) or go on-line at [www.unf.edu/groups/volctr1](http://www.unf.edu/groups/volctr1)

### **Women's Center**

Located in the Robinson Student Life Center (Bldg. 14/2623), the Women's Center advocates for the political, social, and economic gains of all people by eradicating gender based inequalities in a supportive atmosphere that encourages and facilitates the evolution and development of personal and academic potentials.

#### 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 BSRGC provides students with opportunities to be involved in research at both the graduate and undergraduate levels. The BSRGC 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 <http://www.unf.edu/dept/womens-center/>



# Honors Program

## The Honors Program 620-2649

**Charles R. Paulson**, Director  
**Scott Furtwengler**, Assistant Director  
**Heather Burk**, Service Learning Coordinator  
**Elizabeth Eady**, Admissions Advisor  
**Heather Moore**, Academic Advisor  
**Marcia Ladendorff**, Instructor  
**Ron Lukens-Bull**, University Honors Fellow

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 own 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. Honors strives to empower students by giving students the guidance to lead and the voice to make choices that affect the entire program. Students are provided with challenges that allow them to impact 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 colloquiums as well as many seminars. They design, plan, and implement a week-long 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



Honors Students Tour a “Slave Castle” in Ghana, West Africa

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 ten-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.

**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. Honors 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 the lives of these youth.
- 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 sixteenth 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 the 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 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% 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% 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 undergraduate research coordinator to obtain additional information.

#### **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.

#### **Coggin College of Business**

*All Majors:* A cumulative GPA of 3.5 or higher in all college course work.

#### **College of Computing, Engineering, and Construction**

*All Majors:* A student who has completed 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.

#### **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.

#### **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 8 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 8 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	6.0	G(6) Honors Seminar
IDH 3XXX	1.0	G(3) Service Learning
IDH 2XXX	3.0	G(3) Honors Selected Topics
IDH 2XXX	3.0	G(3) Honors Selected Topics
IDH 3951	1.0	Honors Portfolio

### Course Work: Interdisciplinary Honors

REQUIREMENTS: Eight hours of Honors (IDH) course work is required.

IDH 3922	1.0	Thesis Research Prospectus Colloquium
IDH 4970	3.0	Honors Thesis
IDH 4970	3.0	Honors Thesis
IDH 3XXX	1.0	Thesis Symposium Colloquium

### Course Work: Honors in the Major

REQUIREMENTS: Eight hours of work in Honors (IDH) and the major are required.

IDH 3922	1.0	Thesis Research Prospectus Colloquium
IDH 3XXX	1.0	Thesis Symposium Colloquium
XXX 4XXX	6.0	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 and 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 and 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 6 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 1115 - G(6) Classics East to West 6

Prerequisite: Admission to the Honors Program. This seminar will explore the meanings and interpretations of world "classics," both from the Western and non Western cultural traditions. As aesthetic artifacts which carry an enduring — if not universal — value, such classics reveal something about the nature of culture and humanity. An important part of our inquiry will be to question and define exactly what makes something "classic." In addition to literary, philosophic, and religious classics, we will examine other "texts" such as music, the visual arts, and even kinesthetic forms like the martial arts. The seminar will be devoted to Socratic discussions of the various texts as well as an emphasis on experiential learning. Thus, we will engage in a variety of aesthetic experiences such as music listening, art appreciation, film viewings, art making, poetry writing, museum visits, t'ai chi, yoga, African drumming, etc.

#### 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 for up to 4 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 2114 - G(3) Music, Myth, Movies and Madness: Study of Creativity** 3

Prerequisite: Admission to the Honors Program. This seminar will be an interdisciplinary inquiry into the nature of creativity, incorporating the disciplines of biology, neuroscience, anthropology, psychology, history, education, and the humanities. We will explore such questions as: What are the characteristics of creative individuals? How is creativity expressed? What promotes — and inhibits — the creative process? Why do music and the arts affect us so deeply? How do myths and dreams express the creative impulse? What is the relation between genius and madness? Can creativity be taught? Is aesthetic appreciation, and personal recreation, a creative act?

**IDH 2122 - G(3) Science, Technology and 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 and 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 2000 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 BC to the 16th century AD, with our focus primarily on the era of the great city-states, roughly the 3rd to 15th centuries AD); “Conquest and Colonization” (16th through 18th centuries, with our focus on Maya responses to the Spanish invasion of the sixteenth 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 and 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, and 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 and 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 for up to 4 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, everyman 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 for up to 5 times for a total of 5 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 the 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 - 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 BS 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 3 hours TOTAL credit over one or more semesters. May be repeated for a total of 9 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.



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# Freshman and Sophomore Programs

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**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 placement tests in the area of Reading, English and/or Math. The Office of Academic Testing will administer these exams during Freshman Orientation.

**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** Once a student has matriculated at UNF as a lower division student (less than 60 semester hours), they may concurrently enroll in no more than a maximum of seven hours at another regionally accredited community college for credit toward a UNF degree program. Exceptions may be approved by the academic advisor for extenuating circumstances.

Students needing to meet the Florida Board of Education nine hour summer school attendance requirement may be approved for up to nine semester hours at another Florida public university.

**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 (W) 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:

**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 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

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.

<b>English Composition:</b>	<b>9 Semester Hours</b>
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 2110 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 2110 and LIT 2932.

\*\* LIT 2110 is a prerequisite for LIT 2932.

**Mathematics: 6 Semester 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 2023 G(M)	Elementary Statistics for Business	3
		<i>*(Prereq. MAC 1105 or 1147)</i>	
	** MAC 2311 G(M)	Calculus I	4
		<i>***(Prereq. MAC 1147)</i>	
	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 Semester 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

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 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 Semester Hours**

Part A: Introductory Social Science. Choose 1:			
	AMH2020	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 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
MMC2701	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 Semester Hours**

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).

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 Semester 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 should enable the student to do well on CLAST. All the tested skills will be covered in the designated curriculum.

**Scholarship Opportunities for Freshmen/Sophomores**

The University of North Florida offers a comprehensive scholarship program to attract and reward freshmen/sophomore students who have superior talent in academics, athletics, fine arts and extracurricular activities. Among the programs available are National Merit/National Achievement Scholarships, International Baccalaureate Scholarships, Eartha M. White Scholarships, University Scholar Awards, Special Presidential Achievement Awards and UNF Tuition Scholarships. For additional information, please refer to the Financial Information section of this catalog or contact the 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  
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 talented 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 web page at <http://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 \$1500 (\$1000 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



**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.

three hours of directed individual study academic credit for undertaking their research projects. Grant applications are due on March 15<sup>th</sup> of each year and grant recipients must submit their final projects by May 1<sup>st</sup> 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 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 “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 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 cohost 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 and Other Public Policy Internships**

A comprehensive internship program is open to all UNF students. Internships are available through the Washington Center Program (<http://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, US 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.

### **College Bowl**

The Undergraduate Academic Enrichment Program sponsors UNF’s College Bowl Team ([www.collegebowl.com/campus/info.asp](http://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.



# College of Arts and Sciences

**Barbara A. Daniels Hetrick**, Dean  
**Peter Braza**, Associate Dean  
**Marnie Jones**, Associate Dean  
**Beth Clements**, Assistant to the Dean  
**Ann Crook**, Director of Development  
**Margaret Meadows**, Assistant Director of Development  
Dean's Office: (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 & 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. Advi-



sors 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 & 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](http://www.unf.edu/coas.adv). Students are also invited to send general advising questions to [asadv@unf.edu](mailto:asadv@unf.edu).

## Requirements for Baccalaureate Degree

A minimum of 120 semester hours is required for the **bachelors degree**. A minimum of 48 upper level semester 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 contextals (if any). In addition, prerequisites must be completed prior to beginning the program and are not included in the 30 semester 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.

#### **Study of a Foreign Language**

8 semester hours at the introductory level (sequential)

or

**Demonstrated Proficiency in a foreign language equivalent to at least 8 semester hours at the introductory level.**

Students may prove proficiency in a foreign language through successful scores on foreign language area of the College-Level Examination Program (CLEP). To prove proficiency in a native tongue other than English, students must submit a valid high school academic transcript from their home country.

or

#### **Study of Foreign Cultures**

9 semester hours chosen from courses with the FC designation. Foreign culture course offerings are listed each semester in the online schedule.

or

#### **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 semester hours as a lower division UNF native student, all students must arrange to meet with an academic advisor to obtain an official signed 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 a 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 semester 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 grade point averages 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 BA 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 semester 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 Building 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 BFA degree while also earning a BA 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 Building 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 tracks) and the Bachelor of Fine Arts (all tracks):**

Art tracks are only specialities within the major. Students **MAY NOT** enroll in more than one B.A. in Art or B.F.A. in Fine Arts track. 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, contextuels 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 Admissions 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 an Academic Advisor. Only **subject exams** will be accepted (**not general exams**). 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.**

**Students who have completed prerequisites at another institution: 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.

**Overload Policy:** Students who desire to register for 21 or more semester hours during any term will need electronic overload approval from the College of Arts and Sciences Dean’s Office. A cumulative UNF grade point average 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 grade point average. 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](http://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 Two. 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.

**Suspension Policy:** Students who do not satisfy the conditions of academic probation may be placed on academic suspension for a period of one or more academic semester(s). 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 Program of Study. However, the Department Chairperson has the option to deny readmissions to the major if the GPA is too low.

Students who receive a second suspension action may be placed on suspension for a period of two semesters. A third 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.

**Former Students Returning**

**Former students not in good standing must file a request for readmissions in the Office of Admissions ten 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 semester hours with at least 48 upper hours. All Gordon Rule (if applicable), prerequisite, requisite, general education, major, minor, contextuels, capstone/internships, and foreign language/foreign culture requirements (if applicable), 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 and the Minor:** Contextual studies are courses closely allied to the subject matter of the major.

**Minors** are organized sequences of courses in interdisciplinary areas intended to supplement the student’s major interest. A minor consists of 15 semester 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.

**The Major:** 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 semester 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 semester 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 ten upper level courses and must include at least 24 upper-level semester hours. If a major requires more than 30 upper-level semester hours, then all hours in excess of 30 shall be added to the minimum number of hours required for graduation.

**MAJORS:**

ANTHROPOLOGY	BA
ART	BA
With concentrations in:	
Art History	
Ceramics & Sculpture	
Painting & Drawing	
BIOLOGY	BS
CHEMISTRY	BS
COMMUNICATION	BS
With concentrations in:	
Advertising	
Electronic Media	
Journalism	
Public Relations	
CRIMINAL JUSTICE	BA
ECONOMICS	BA
ENGLISH	BA
FINE ARTS	BFA
With concentrations in:	
Ceramics & Sculpture	
Graphic Design and Digital Media (limited access)	
Painting & Drawing	
Photography	
HISTORY	BA
INTERNATIONAL STUDIES	BA
LIBERAL STUDIES (limited access)	BA
MATHEMATICS	BA
MATHEMATICS	BS
MUSIC – Classical (limited access)	BA
MUSIC – Jazz Studies (limited access)	BM
MUSIC – Performance (limited access)	BM
With concentrations in:	
Piano	
Strings	
Voice	
Woodwinds, Brass, Percussion	

PHILOSOPHY	BA
With concentrations in:	
Advanced Studies	
Applied Ethics	
General Philosophy	
Historical and Comparative	
Legal, Political and Social Studies	
Literary and Cultural	
PHYSICS	BS
With concentrations in:	
Civil Engineering	
Computing Emphasis	
Electrical Engineering	
Mechanical Engineering	
POLITICAL SCIENCE	BA
With concentrations in:	
General Political Science	
American Politics	
International Relations & Comparative Politics	
Public Law	
Public Administration & Public Policy	
PSYCHOLOGY	BA
PSYCHOLOGY	BS
SOCIOLOGY	BA
SPANISH	BA
STATISTICS	BA
STATISTICS	BS
<b>MINORS:</b>	
Anthropology	
Applied Statistics	
Art - History	
Art - Photography	
Art - Studio	
Asian Studies	
Biology	
Chemistry	
Classical Civilization	
Communication	
Communication Studies	
Criminal Justice	
Economics	
English	
Environmental Studies	
Film Studies	
French	
Gender Studies	
History	
International Studies	
Latin American Studies	
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  
 Health Sciences  
 Information Systems

**The Bachelor of Fine Arts Degree** The College of Arts and Sciences offers the Bachelor of Fine Arts degree with concentrations in Ceramics/Sculpture, Graphic Design and 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, Communications, Mathematics, Physics, Psychology, and Statistics. The requirements are described on the following pages.

**The Bachelor of Music Degree** The College of Arts and Sciences offers the Bachelor of Music degree in Jazz Studies and Performance Music (Harp, Piano, Strings, Voice, Woodwinds, Brass, and Percussion). 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 (12) 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.

Beginning in the fall 2001 semester, 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**

**Minor Requirements (15 SEMESTER HOURS)**

SYD 3800	3.0	CD-Gender & Society
or		
AMH 3312		Gender in the U.S.
Select Four Courses		
SOP 3742	3.0	CD-Psych Of Women
CCJ 4663	3.0	Women And Crime
HSC 4579	3.0	Women's Hlth Issues
FOT 3552	3.0	(FC) Women Arab World
LIT 4930	AH 3.0	18th Cent Wom Nvlsts
ASN 3106	3.0	FC-Japanese Women
SYA 4930	AL 3.0	Women And The Law
LIT 4930	AE 3.0	South Women Writers
AML 3621	3.0	G(W) Black Amer. Lit.
LIT 4930	AI 3.0	Irish Women Writers
LIT 4930	AR 3.0	ST: Sense & Sensibility
POS 4932	AB 3.0	Women/Power Orgnztn
REL 3145	3.0	Woman Relg Wst Exper
SYO 3110	3.0	Sexuality/Marriage

Conditions for the minor:

1. No more than 6 semester hours, or 2 courses, may be transferred in to satisfy minor course requirements.
2. No more than 3 semester hours, or 1 course, of classes carrying lower division numbers may be used to satisfy any minor requirement.
3. A grade of "C" or better must be earned in each minor course.

## **PreMedical Program**

**Michael R. Lentz, Ph.D.** 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, and 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 and at Mayo Clinic Jacksonville. 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 <http://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. Glenn Coffey, Assistant Professor of Criminal Justice, is the Educator-Coach of the UNF Mock Trial Organization. Local attorneys assist in coaching the students as they prepare for competition. 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 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. The Pre-Law Program also offers a \$1500 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 2 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 <http://www.unf.edu/coas/pre-law/>. Students interested in the Pre-Law Program should consult the Director of the Pre-Law Program, the new Social Sciences Building 51, Room 2117, telephone number (904) 620-1069.

## **BA in International Studies**

**Pamela A. Zeiser, Associate Professor and Director**  
The Departments of Sociology, Anthropology and Criminal Justice; 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 and comparative study of foreign cultures and societies leading to a Bachelor of Arts degree in international studies. Students majoring in the interdisciplinary studies program will complete a four course core requirement (12 semester hours) which provide the framework for a better understanding of global affairs. Beyond the core course requirements, the major permits students to select four courses (12 semester hours) from one of five thematic or regional study tracks: (a) Asian Studies; (b) European Studies, (c) Latin American Studies; (d) International Relations and Politics; and (e) Foreign Language and Culture. In addition, students are to select two courses (6 semester hours) in an area outside the thematic or regional track.

Foreign language proficiency is required. 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 6 semester

hours **beyond** the 8 hour introductory sequence in any foreign language. Students already proficient in two languages may petition the Program Director to substitute two regional/thematic courses in place of the additional language courses.

### Major: International Studies

#### Track: International Studies

#### Degree: Bachelor of Arts

#### Foreign Language

#### (08 SEMESTER HOURS)

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1120	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

#### Major Requirements

#### (3000 - 4000 LEVEL) (12 SEMESTER HOURS)

Students should have language proficiency or CLEP equivalent to 2 beginning & 2 intermediate level languages (in same language).

ANT 4495	3.0	Cross-Cultural Methd
INR 4603	3.0	Framework: Analy Int R
ECO 3701	3.0	CD-Contemp Int'l Eco
GEO 3553	3.0	Cult Dimn Of Eco Geo

#### Required Capstone Experience (03 SEMESTER HOURS)

INR 4930	3.0	Capstone Sem: Int Stu
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All majors must complete an approved (meaning approval by the program director) of an international experience from one of the following options:

- Successful completion of an UNF sponsored study abroad program.
- Successful completion of another university sponsored study 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.

#### Major electives

(12 semester hours)

Thematic or regional studies area

Select 4 courses from one of the following areas: Asian Studies, European Studies, Latin American Studies, International Relations & Politics, or Foreign Language & Culture

#### Asian Studies

ASN 3106	3.0	FC-Japanese Women
ASH 3400	3.0	CD(FC) 20c Chinse Civ
ASH 3440	3.0	CD-(FC) Japan Civilzt
ASH 3441	3.0	Japan Before 1868
ASH 3444	3.0	Japan After 1868
ASH 3448	3.0	(CD)FC-Hiroshima
EUH 3581	3.0	Russia In Asia
HIS 3932	3.0	(FC) ST: Hong Kong
LIT 3193	3.0	(FC)(G)3 Lit Of East
PHH 3860	3.0	(FC) Japanese Mind
PHH 3820	3.0	(FC) Chinese Philosph
POS 4932	3.0	ST: Pol/Asian/Trade
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
ASH 3337	3.0	(FC) Gandhi/Mod India

#### European Studies

CPO 3123	3.0	(FC) Pol/Soc Brit & Irl
CPO 3151	3.0	(FC) Pol/Soc France
CPO 3643	3.0	(FC) Pol/Soc Russia
EUH 3205	3.0	19th Century Europe
EUH 3206	3.0	20th Century Europe
EUH 3320	3.0	Eastern Europe
EUH 3451	3.0	France Since 1789
EUH 3466	3.0	(FC) Germany Today
EUH 3502	3.0	Modern Britain
EUH 3575	3.0	Imperial Russia
EUH 3576	3.0	Russia Since 1905
EUH 4294	3.0	Sem: Modern Europe
LIT 3184	3.0	(FC)(W)G Irish Lit/C
LIT 4186	3.0	Studies In Irish Lit
PHH 4601	3.0	20th-Cent Cont Phil
PHH 4620	3.0	20 C Phil: Anglo/Am T
SPN 3500	3.0	(FC) Peopl/Cult Spain

#### Latin American Studies

ANT 4331	3.0	(FC) People Of Andes
CPO 3351	3.0	(FC) Pol/Soc Brazil
INR 3248	3.0	(FC) US Carib/Ca Rel
LAS 3020	3.0	(FC) Peopl/Cult Carib
LAH 3300	3.0	CD-(FC) Mod Lat Amer
LAS 3031	3.0	(FC) Peo/Cul So Cone
LAH 3712	3.0	(FC) Inter-Am Relatns
LAS 3005	3.0	(FC) Latin Amer Cult
LAS 3033	3.0	(FC) Peo/Cul C Am/Mex

#### Middle East and Africa

ASH 3223	3.0	CD-(FC) Middle East
FRT 3551	3.0	Franco Afri Lit Cult
HIS 3932	3.0	Spec Topics: History
REL 3607	3.0	Sele Tps Jewish Stud

## International Relations & Politics

AMH 3511	3.0	US In World Affairs
AMH 3544	3.0	1960s & Vietnam War
AMH 4514	3.0	Sem: U.S. Diplomacy
ANT 3212	3.0	CD-(FC) Peo/Cult Wrld
ANT 4331	3.0	(FC) People Of Andes
CPO 3123	3.0	(FC) Pol/Soc Brit & Irl
CPO 3151	3.0	(FC) Pol/Soc France
CPO 3351	3.0	(FC) Pol/Soc Brazil
CPO 3643	3.0	(FC) Pol/Soc Russia
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	International Finance
GEO 3502	3.0	Economic Geography
HIS 3307	3.0	Modern War
INR 3016	3.0	Global Iss Cont Pol
INR 3443	3.0	Intl Law & Org
INR 4703	3.0	Intl Political Econ
INR 4334	3.0	Am Def Mass Destruct
INR 4435	3.0	N Ireland Peace Proc
INR 4703	3.0	Intl Political Econ
PHH 4620	3.0	20 C Phil: Anglo/Am T
POS 4932	3.0	ST: Pol/Asian/Trade
REL 3443	3.0	Liberation Theologie
SYP 3440	3.0	Soc Chg Internat Dev

## Foreign Language & Culture

FOL 3930	2-4	Sp Top: Foreign Lang
FOL 3953	3-6	Adv For Lang Abroad
FOT 3931	3.0	Stud In Forgn Cultur
FOT 3552	3.0	(FC) Women Arab World
FRE 3440	3.0	Fre For Professions
FRE 4501	3.0	France Today
FRT 3550	3.0	(FC) Faces Of France
FRW 3100	3.0	Srv Fre Lit Pre 19c
FRW 3101	3.0	Srv Fre Lit Mod Per
FRW 4301	3.0	Fr Cult Thru Theater
SPN 3013	3.0	Span For Professions
SPW 3100	3.0	Survey: Spanish Lit
SPW 3130	3.0	Survey: Lat Amer Lit
SPW 4202	3.0	Modern Latn Amer Lit

## Non-thematic / non-regional (6 semester hours)

Select 2 approved courses in any other area, excluding thematic or regional studies area.

ASH/ASN/AMH/HIS/PHI/PHH/LAH/ANT/SYD/CPO/  
POS/INR/FIN/MAN/SPN/SPW/SPT/FRW/FRT/FRE/JPN

## Required Minor

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

All minors require 15 hours. See catalog for list.

## Free Electives

(3000 - 4000 LEVEL) (04 SEMESTER HOURS)

\* 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.

**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

### Minor Requirements

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

Select Three Courses

ANT 4495	3.0	Cross-Cultural Methd
INR 4603	3.0	Analysis in International Relations
ECO 3701	3.0	CD-Contemp Int'l Eco
GEO 3553	3.0	Cult Dimn Of Eco Geo

2 Minor Electives (3000 - 4000 LEVEL)

Select 2 from (see list): Asian Studies/European Studies/  
Latin America/International Relations/International Politics/  
Foreign Language & Culture/Mideast & Africa

ASH GEO LIT PHI CPO SYP ECO EUH HIS ANT FOT  
INR LAH FOL SPN SPW AMH LAS FRT FRW HSC FIN  
PHH

### Conditions for the minor:

1. A grade of "C" or better is required in all minor course work.
2. Only 2 courses, or 6 semester hours may be transferred in to satisfy minor requirements.
3. Only one course carrying a lower level number may apply towards the minor.

**Irish Studies** The university regularly offers Irish Studies courses in art history, history, literature (including Celtic spirituality as well as drama, fiction and poetry), nursing and political science, and will soon be adding Irish Studies courses in film and sociology, with courses in other disciplines to follow. 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 *John Francis Reilly Irish Studies Performance and Lecture Series*. To encourage the inclusion of Irish Studies content in courses within any appropriate academic discipline, *John Francis Reilly Irish Studies Fellowships* 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 Richard Bizot, Director of Irish Studies (rbizot@unf.edu), or Andrea Holcombe, Program Manager of Irish Studies (aholcomb@unf.edu). The Irish Studies office is located on the second floor of Building 8; its phone number is (904) 620-1272.

**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 semester hours of elective credits, with no more than 9 semester 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 9 semester 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 3 semester 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**  
**Track: Liberal Studies**  
**Degree: Bachelor of Arts**

The Liberal Studies major is a limited access program. Admissions to the major requires the following:

- An advising session to review requirements for the major.
- A proposal to define the study or research you will pursue via the Liberal Studies major.
- An interview with and approval of the chair of the Department of History.

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**  
 Requires grades of "C" or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1120	4.0	Beginning German I
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

**Major Requirements**  
**(3000 - 4000 LEVEL) (12 SEMESTER HOURS)**

1 course from fine art/communicative art/social sci/natural sci  
 Must be 3000/4000 level

1 Fine Art (3000 - 4000 LEVEL)  
 ARH/HUM/MUH

1 Communicative Art (3000 - 4000 LEVEL)  
 ADV AMH AML ASH ASN CRW ENG ENL EUH HIS  
 JOU LAH LIT MMC PHH PHI PHM PHP PUR REL RTV

1 Social Science (3000 - 4000 LEVEL)  
 ANT CLP CPO DEP EAB ECO EXP INP INR PAD PCO  
 POS POT PPE PSY PUP SOP SYA SYD SYG SYO SYP

1 Natural Science (3000 - 4000 LEVEL)  
 APB BCH BSC CHM CHS MCB OCB OCE PHY ZOO

## Major Electives

(3000 - 4000 LEVEL) (25 SEMESTER HOURS)

Courses to be chosen in areas related to major theme.  
No more than 9 hrs outside the College of Arts & Sciences

## Required Courses (15 SEMESTER HOURS)

Select 1 research methods appropriate to exposition topic  
Note: POS 3713, SYA 3300, and PSY 3214/3214L all require elementary statistics.

ANT 4192	3.0	Archae Resrch Stratg
CCJ 3700	3.0	Res Meth Crim & CJ
ENG 4013	3.0	G(W) Literary Inter
HIS 3051	3.0	G(W) Craft Of Histrn
POS 3713	3.0	Inquiry/Analysis
PSY 3214	3.0	Research Methods Psy
PSY 3213 L	1.0	Research Methods Lab
SYA 3300	3.0	Logic Of Inquiry

Select 3 Theme Courses (3000 - 4000 LEVEL)  
(must be directly related to exposition topic)

Exposition Course

IDS 4910	3-9	Liberal Studies Expo
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\* 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.

## Department of Art and Design

**Debra L. Murphy**, Associate Professor and 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 Coglianesse**, 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**, Instructor  
**Kyle Keith**, Instructor

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 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.

Art work 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 AD 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 semester 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 semester 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 that information in the College of Education and Human Services (COEHS) section of this catalog. The COEHS advising office may be reached at (904) 620-2530.

The Bachelor of Arts degree requires completion of language or foreign cultures requirements.

Select 1 Sequence

SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
FRE 1120	4.0	Beginning French I

FRE 1121	4.0	Beginning French II
FOL 2930	4.0	Begining Forgn Lang I
FOL 2931	4.0	Begining Forgn Lang II
JPN 1120	4.0	Beginning Japanese I
JPN 1121	4.0	Beginning Japanese II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied).

See list of foreign culture courses in the online schedule.

May not include cultural diversity courses unless CD-(FC) is in the course title.

The following are the available concentrations leading to the B.A. in Art:

**Major: Art  
Concentration: Art History  
Degree: Bachelor of Arts**

**Prerequisites (24 SEMESTER HOURS)**  
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	3.0	Art Hist Surv I
ARH 2051	3.0	Art Hist Surv II
ART 1201 C	3.0	Two-dimensional Desi
ART 2203 C	3.0	Three Dim Design
ART 1300 C	3.0	Drawing I
ART 2301 C	3.0	Drawing II
ART		Select 1 ART elective

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule. Grades of “C” or above are required in all foreign language courses.

Art history majors are strongly encouraged to take beginning and intermediate foreign language in two separate languages. French, German and/or Italian is recommended.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II

**Major Requirements**  
**(3000 - 4000 LEVEL) (30 SEMESTER HOURS)**

Prerequisite policy: Courses must be taken in prerequisite order. Please check the catalog course description for prerequisites required for each course prior to registering. Prerequisites are strictly forced by the faculty and registrar.

First day attendance rule: Any student who misses the first day without advanced notice to the department chair will be administratively withdrawn from that course.

All art requirements and art electives must be completed with grades of "C" or above.

PGY 2401 C 3.0 Photography In B&W

Select 1 Art History From

ARH 4800 3.0 Aesthetics Of Art

Or

Another art history elective (3000/4000)

ARH

Select 5 Art History Courses (3000 - 4000 LEVEL)

Suggested art history courses: ARH 3170, ARH 3302, ARH 3319, ARH 3410, ARH 4710.

Select 3 Art Electives (3000 - 4000 LEVEL)

Students may not take independent study courses without the prior written approval of the department chairman.

**Required Minor**  
**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Suggested minors include: French, art, history, literature, philosophy, classical civilizations.

**Free Electives**  
**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

**Major: Art**  
**Concentration: Ceramics/Sculpture**  
**Degree: Bachelor of Arts**

**Prerequisites** (24 SEMESTER HOURS)  
Requires grades of "C" or above.

Note: Students should continually take art history courses to properly prepare for the major.

ARH 2050 3.0 Art Hist Surv I  
ARH 2051 3.0 Art Hist Surv II  
ART 1300 C 3.0 Drawing I  
ART 2301 C 3.0 Drawing II  
ART 1201 C 3.0 Two-Dimensional Desi  
ART 2203 C 3.0 Three Dim Design

Two Intro Media Courses  
ART

**Foreign Language/Cultures (08 SEMESTER HOURS)**

Note: Language I is offered in the fall semester and language II if offered in the spring semester unless otherwise specified in the course schedule booklet. Grades of "C" or above are required in all foreign language, American Sign Language, and foreign culture courses.

Select 1 Sequence

CHI 1120 4.0 Beginning Chinese I  
CHI 1121 4.0 Beginning Chinese II  
FRE 1120 4.0 Beginning French I  
FRE 1121 4.0 Beginning French II  
GER 1120 4.0 Beginning German I  
GER 1121 4.0 Beginning German II  
LAT 1120 4.0 Beginning Latin I  
LAT 1121 4.0 Beginning Latin II  
POR 1120 4.0 Begin Portuguese I  
POR 1121 4.0 Begin Portuguese II  
RUS 1120 4.0 Begin Russian I  
RUS 1121 4.0 Begin Russian II  
SPN 1120 4.0 Beginning Spanish I  
SPN 1121 4.0 Beginning Spanish II  
SPA 2612 3.0 American Sign Lang I  
SPA 2613 3.0 Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses in the on-line schedule booklet. May not include cultural diversity courses unless CD-(FC) is in the course title.

**Major Requirements (15 SEMESTER HOURS)**

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 student who misses the first day without advanced notice to the department chair will be administratively withdrawn from that course.

All art requirements and art electives require grades of "C" or above.

ART 2330 C 3.0 Figure Drawing  
Prereqs: ART 1300C and ART 2301C  
ARH 4800 3.0 Aesthetics Of Art  
Note: offered only in the spring term  
ART 4965 C 3.0 Fine Art Portfolio

(3000 - 4000 LEVEL)

Select 2 upper-level art history courses

ARH

**Major Electives**  
**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**



## 5 Art Electives

Select 4 courses from area of concentration.

If ceramics choose:

ART 3786 C	3.0	Ceramics
ART 3786 C	3.0	Ceramics
ART 3786 C	3.0	Ceramics
ART 3765 C	3.0	Ceramics Intermediat
ART		

If Sculpture Choose:

ART 4710 C	3.0	Adv Sculpture
ART 4710 C	3.0	Adv Sculpture
ART 4710 C	3.0	Adv Sculpture
ART 4710 C	3.0	Adv Sculpture
ART		

Note: Students may not take any independent study courses in any fine arts area without the prior, written approval of the department chairperson.

## Required Minor

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. See list in catalog.

## Free Electives

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

## Major: Art

**Concentration: Painting/Drawing**

**Degree: Bachelor of Arts**

## Prerequisites

**(24 SEMESTER HOURS)**

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	3.0	Art Hist Surv I
ARH 2051	3.0	Art Hist Surv II
ART 1300 C	3.0	Drawing I
ART 2301 C	3.0	Drawing II
ART 1201 C	3.0	Two-Dimensional Desi
ART 2203 C	3.0	Three Dim Design

Two Intro Media Courses

ART/PGY

## Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Requires grades of "C" or above

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II

GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	3.0	American Sign Lang I
SPA 2613	3.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD-(FC) in the course title.

## Major Requirements (24 SEMESTER HOURS)

Prerequisite policy: Courses must be taken in prerequisite order. Please check the catalog course description section for prerequisites required for each course prior to registering each semester. Prerequisites are strictly enforced by the faculty and registrar.

All art requirements and art electives must be completed with grades of "C" or above.

ART 2330 C	3.0	Figure Drawing
ART 2500 C	3.0	Painting Fundamental
ART 3332 C	3.0	Figure Drawing II
ART 3560 C	3.0	Figurative Painting
ART 3504 C	3.0	Painting Studio
ART 4805 C	3.0	Paint/Draw Research
ART 4965 C	3.0	Fine Art Portfolio
ARH 4800	3.0	Aesthetics Of Art

## Major Electives

**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Select 1 Art History

ARH

Select 1 art or photo elective

ART/PGY (3000 - 4000 LEVEL)

Note: Courses must be taken in sequence. If a course is a prerequisite for a second course, they may not be taken at same time. Written permission from the department chairman is required to override either of these policies.

Note: Students may not take any independent study courses in any fine arts area without the prior, written approval of the department chairperson.

## Required Minor (15 SEMESTER HOURS)

All minors require 15 hours. See list in catalog.

## Free Electives

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

## 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 SEMESTER HOURS)**  
Requires grades of "C" or above.

Note: Students should continually take art history courses to properly prepare for major courses.

ARH 2050 3.0 Art Hist Surv I  
ARH 2051 3.0 Art Hist Surv II  
ART 1300 C 3.0 Drawing I  
ART 2301 C 3.0 Drawing II  
ART 1201 C 3.0 Two-Dimensional Desi  
ART 2203 C 3.0 Three Dim Design

Two Intro Media Courses  
ART/PGL

**Major Requirements (51 SEMESTER HOURS)**

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 advance notice to the department chairperson will be administratively withdrawn from that course.

Grades of "C" or above required in all major courses.

Required courses (18 semester hours)

PGY 2401 C 3.0 Photography In B&W  
ART 2605 C 3.0 Basic Computer Image  
ART 2500 C 3.0 Painting Fundamental  
Prereq: one drawing course  
ART 2330 C 3.0 Figure Drawing  
Prereqs: ART 1300C and ART 2301C  
ARH 4800 3.0 Aesthetics Of Art  
ART 4965 C 3.0 Fine Art Portfolio

2 art history courses (3000/4000) (6 semester hours)  
ARH

If sculpture take: (12 semester hours)

ART 3786 C 3.0 Ceramics  
ART 3707 C 3.0 Sculpture Process  
ART 3765 C 3.0 Ceramics Intermediat  
Prereq: ART 3707C  
ART 4929 C 3.0 Senior Project

If ceramics take: (12 semester hours)

ART 3707 C 3.0 Sculpture Process  
ART 3786 C 3.0 Ceramics  
ART 3709 C 3.0 Sculpture: Intermed  
Prereq: ART 3707C  
ART 4710 C 3.0 Adv Sculpture  
Prereq: ART 3709 C

Select 5 courses (15 semester hours)

From area of concentration

If Ceramics Take:

ART 3786 C 3.0 Ceramics  
ART 3765 C 3.0 Ceramics Intermediat  
Prereq: ART 3786C  
ART 3707 C 3.0 Sculpture Process  
ART 3709 C 3.0 Sculpture: Intermed  
Prereq: ART 3707C  
ART 4788 C 3.0 Ceramic Aesthetic  
Prereq: ART 3786C  
ART 4768 C 3.0 Advanced Ceramics  
Prereq: ART 3786C  
ART 4710 C 3.0 Adv Sculpture  
Prereq: ART 3707C  
ART 4929 C 3.0 Senior Project

If Sculpture Choose:

ART 3707 C 3.0 Sculpture Process  
ART 3714 C 3.0 Sculpture: Casting  
Prereq: ART 3707C  
ART 3709 C 3.0 Sculpture: Intermed  
Prereq: ART 3707C  
ART 4710 C 3.0 Adv Sculpture  
Prereq: ART 3707C  
ART 4736 C 3.0 Enlivened Space  
Prereq: ART 3707C

Note: Art majors must earn at least a 2.5 average in art courses.

No grade below "C" will apply toward graduation.

Note: 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 approval from the department chairman is required to override either of these policies.

**Free Electives**

**(3000 - 4000 LEVEL) (09 SEMESTER HOURS)**

\* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.

**Major: Fine Arts**  
**Concentration: Painting/Drawing**  
**Degree: Bachelor of Fine Arts**

**Prerequisites (24 SEMESTER HOURS)**

Requires grades of "C" or above.

Note: Students should continually take art history courses to properly prepare for major courses.

ART 1300 C 3.0 Drawing I  
ART 2301 C 3.0 Drawing II  
ART 1201 C 3.0 Two-Dimensional Desi  
ART 2203 C 3.0 Three Dim Design  
ARH 2050 3.0 Art Hist Surv I  
ARH 2051 3.0 Art Hist Surv II

Two Intro Media Courses  
ART

**Major Requirements (45 SEMESTER HOURS)**

Prerequisite policy: Courses must be taken in prerequisite order. Please check the catalog course descriptions for prerequisites required for each course prior to registering. If a course is a prerequisite for another, they 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 advanced notice to the department chairperson will be administratively withdrawn from that course.

All major requirements and major electives require grades of "C" or above.

ART 2500 C 3.0 Painting Fundamental  
Prereq: one drawing course  
ART 2330 C 3.0 Figure Drawing  
Prereqs: ART 1300C and ART 2301C  
ARH 4800 3.0 Aesthetics Of Art  
ART 3504 C 3.0 Painting Studio  
Prereq: ART 2500C  
ART 3504 C 3.0 Painting Studio  
Prereq: ART 2500C  
ART 3332 C 3.0 Figure Drawing II  
Prereq: ART 2330C  
ART 3332 C 3.0 Figure Drawing II  
Prereq: ART 2330C  
ART 3560 C 3.0 Figurative Painting  
Prereqs: ART 2500C and ART 3332C  
ART 3560 C 3.0 Figurative Painting  
Prereq: ART 2500C and ART 3332C  
ART 4805 C 3.0 Paint/Draw Research  
Prereqs: ART 3332C and ART 3504C  
ART 4805 C 3.0 Paint/Draw Research  
Prereqs: ART 3332C and ART 3504C  
ART 4965 C 3.0 Fine Art Portfolio

3 Art History (3000 - 4000 LEVEL)  
ARH

**Major Electives (3000 - 4000 LEVEL) (09 SEMESTER HOURS)**

Select 3 art or photography electives  
ART/PGY

**Free Electives (3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

\* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.

**Major: Fine Arts**  
**Concentration: Photography**  
**Degree: Bachelor of Fine Arts**

**Prerequisites (24 SEMESTER HOURS)**

Requires grades of "C" or above.

Note: Students should continually take art history courses to properly prepare for major courses.

ART 1201 C 3.0 Two-Dimensional Desi  
ART 2203 C 3.0 Three Dim Design  
ART 1300 C 3.0 Drawing I  
ART 2301 C 3.0 Drawing II  
ARH 2050 3.0 Art Hist Surv I  
ARH 2051 3.0 Art Hist Surv II

Two Art Electives  
ART GRA

**Major Requirements (3000 - 4000 LEVEL) (42 SEMESTER HOURS)**

Prerequisite policy: Courses must be taken in prerequisite order. Please check the catalog course descriptions for prerequisites required for each course prior to registering. Prerequisites are enforced by the faculty and registrar.

First day attendance rule: Any student who misses the first day without advanced notice to the department chairperson will be administratively withdrawn from that course.

All major requirements and major electives must be completed with grades of "C" or above.

**Required Courses**

ART 2330 C 3.0 Figure Drawing  
Prereqs: ART 1300C and ART 2301C  
ARH 4712 3.0 Photo Hist 1839-1916  
ARH 4713 3.0 Photo Hist 1916 Pres  
ARH 4801 3.0 Art Criticism  
Prereqs: ARH 2050, ARH 2051 and one 3000/4000 level ARH  
PGY 2401 C 3.0 Photography In B&W  
PGY 4610 3.0 Photojournalism  
Prereqs: PGY 2401C and MMC 3105  
PGY 3410 C 3.0 Intermediate Photogy  
Prereq: PGY 2401C  
PGY 3801 C 3.0 Digital Imaging Phot  
Prereq: PGY 2401C

- PGY 2110 C 3.0 Color Photography  
Prereqs: PGY 2401C and PGY 3410C
- PGY 4443 C 3.0 Photo Arts  
Prereqs: PGY 2401C and PGY 3410C
- PGY 4201 C 3.0 Adv Light Principles  
Prereqs: PGY 2401C, PGY 3410C, and PGY 2110C
- PGY 4220 C 3.0 Adv Photo Illustrati  
Prereqs: PGY 2401C, PGY 3410C, PGY 2110C  
and PGY 3801C
- PGY 4470 C 3.0 Sr Photo Portfolio

Select one of the following

- ARH 4800 3.0 Aesthetics Of Art
- ARH 3410 3.0 Modern Europe Art I
- ARH 3319 3.0 Art Of Michelangelo

### Major Electives (12 SEMESTER HOURS)

Select four courses

- ARH 3170 3.0 Clas Greek-Roman Art
- ARH 3302 3.0 Italian Renaissance
- ART 3332 C 3.0 Figure Drawing II  
Prereq: ART 2330C
- GRA 3203 C 3.0 Prepress Production  
Prereq: ART 2605C
- RTV 3220 C 3.0 TV Prod Vis Arts TV  
Prereqs: RTV 3000 and MMC 3105

### Free Electives

(3000 - 4000 LEVEL) (06 SEMESTER HOURS)

\* Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation.

## 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 email at [artstu1@unf.edu](mailto:artstu1@unf.edu). Allow 48 hours for a reply. No phone calls please.

### Instructions for Applying:

1. Complete the Application form (available in the Art and Design office)

*Graphic Design & Digital Media Limited Access  
Department of Art and Design, Bldg. 45 Office 2416  
University of North Florida  
4567 St. Johns Bluff Road South  
Jacksonville, FL 32224*

2. To be considered for admission into the Limited Access Program in Graphic Design & Digital Media, applicants must:
  - Be accepted to the University
  - Complete the portfolio review by the departmental committee
  - And be eligible for enrollment as a major in the program
3. 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.
4. Before the portfolio review, the applicant should have completed all prerequisite courses listed in the appropriate catalog or program of study.
5. 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 (8) visual arts pieces for the committee to consider. At least 4 works MUST be Graphic Design based (Typography and Image). No more than 2 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 3 essay questions, to be handed in at the review. Questions can be found in the application packet.

**The following work should be shown.**

[4] Examples of Design Skills: Computer generated works that include Type and Image. *For example, poster, stationery, logo design, brochure, advertisement, CD cover.*

[4] Examples of Artistic Skills: No more than 2 in each category. *For example, Photographs (no more than 2) paintings/drawings (no more than 2) digital illustrations (no more than 2).*

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 of design work.

**Special Note:** Graphic Design and Digital Media courses are offered in a sequence that is controlled by the nature of each degree and the size of the program.

**Major: Fine Arts**

**Concentration: Graphic Design and Digital Media**

**Degree: Bachelor of Fine Arts**

**Prerequisites (24 SEMESTER HOURS)**

Grades of "C" or above required in all prerequisites.

ART 1300C 3.0 Drawing I  
ART 1201C 3.0 Two-Dimensional Design  
ARH 2050 3.0 Art History Survey I  
ART 2301C 3.0 Drawing II  
ART 2203C 3.0 Three-Dimensional Design  
ARH 2051 3.0 Art History Survey II  
ART 2605C 3.0 Basic Computer Images

GRA 2190C 3.0 Introduction to Graphic Design  
Prereqs: ART 2605C, ART 1300C, 2301C, 1201C and 2203C

(Apply to Limited Access Program)

**Major Requirements (42 SEMESTER HOURS)**

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. Electronic approval must be obtained to register major courses that may require prerequisite courses in which students are currently enrolled. 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 3.0 Digital Photography for Designers

Prereqs: ART 2605C Basic Comp Images

GRA 3203 C 3.0 Prepress Production

Prereqs: GRA 2190C Intro to GD, PGY 1800C Digital Photo

GRA 3880C 3.0 Illustration

Prereqs: GRA 2190C Intro to GD, PGY1800C Digital Photo

ARH 4724 3.0 History of Graphic Design

Prereqs: none

GRA 3183 C 3.0 Typography Studio

Prereqs: GRA 2190C Intro to GD, GRA 3203C Prepress

GRA 3833C 3.0 Motion Graphics

Prereqs: GRA 2xxxC Digital Photo, GRA 3880C Illustration

GRA 3118C 3.0 Publication Design

Prereqs: GRA 3183C Type Studio, GRA 3203C Prepress

GRA 3512C 3.0 Corporate Identity

Prereqs: GRA 3183C Type Studio, GRA 3203C Prepress

GRA 3523C 3.0 Introduction to Web Design

Prereqs: PGY 1800C Digital Photo, GRA 3880C Illustration

GRA 4137C 3.0 Advanced Web Design

Prereqs: GRA 3xxxC Introduction to Web Design

GRA 4186C 3.0 Senior Design Studio

Prereqs: GRA 3183C Type Studio, GRA 3512C Corporate ID

GRA 4423 3.0 Business of Graphic Design

Prereqs: Senior Status, GRA 3xxxC Corporate ID

GRA 4189C 3.0 Graphic Design Portfolio

Prereqs: Senior Status, GRA 4186C Senior Design Studio

Select 1 upper level ARH (ARH 4800 - Aesthetics of Art recommended)

(3000 - 4000 LEVEL)

Select 1 upper-level art history

ARH

## Major Electives

(3000 - 4000 LEVEL) (12 SEMESTER HOURS)

Select four course with prefixes GRA/ART/ARH/PGY

Note: Students may not take any independent study courses in any Fine Arts area without the prior, written approval of the department chairperson.

## Free Electives

(3000 - 4000 LEVEL) (06 SEMESTER HOURS)

Note: Final free electives and upper level hours will depend on the major electives selected. Lower level courses may affect total upper level hours that may need to be taken for graduation. All students must earn a minimum of 48 upper level hours prior to graduation.

## MINORS IN FINE ARTS

### Minor: Art History Minor

Minor Requirements (15 SEMESTER HOURS)

ARH 2050 3.0 Art Hist Surv I

ARH 2051 3.0 Art Hist Surv II

Select 3 Art History Courses (3000 - 4000 LEVEL)

ARH

Conditions for the minor

1. A minimum of 50% of the courses required for any fine arts minor must be taken at UNF.
2. A minimum of 9 semester hours of upper-level courses is required for the art history minor.
3. A grade of "C" or better is required for all minor courses.
4. Courses used in the art major may not be duplicated in any of the art minors. Instead, substitute courses will be required.

### Minor: Photography Minor

Minor Requirements (15 SEMESTER HOURS)

Required Courses

PGY 2401 C 3.0 Photography In B&W

PGY 3410 C 3.0 Intermediate Photogy

Select 1

PGY 3801 C 3.0 Digital Imaging Photo

PGY 4610 3.0 Photojournalism

Select 1 of the Following:

ARH 4712 3.0 Photo Hist 1839-1916

ARH 4713 3.0 Photo Hist 1916 Pres

Select 1 of the Following:

ART 1201 C 3.0 Two-Dimensional Design

ART 2605 C 3.0 Basic Computer Image

PGY 4610 3.0 Photojournalism

PGY 4220 C 3.0 Adv Photo Illustration

PGY 4201 C 3.0 Adv Light Principles

PGY 3801 C 3.0 Digital Imaging Photo

Note: PGY 2110C is required prior to enrolling in PGY 4201 C and PGY 4220C.

Conditions for minor:

1. A minimum of 50% of the courses required for the photography minor must be taken at UNF.
2. Courses with lower-level numbers may be used as part of the minor, but a minimum of 9 semester hours of upper-level courses are required for the photography minor.

3. A grade of "C" or better is required for all minor courses.

4. Courses used in the art major may not be duplicated in the photography minor. Instead, substitute courses will be required.

5. 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.

### Minor: Studio Art Minor

Minor Prerequisites (03 SEMESTER HOURS)

ART 2500 C 3.0 Painting Fundamental

Minor Requirements (15 SEMESTER HOURS)

ART 1300 C 3.0 Drawing I

ART 3504 C 3.0 Painting Studio

Two Art Electives (3000 - 4000 LEVEL)

ART PGY

One Art History Elective (3000 - 4000 LEVEL)

ARH

Conditions for the minor:

1. A minimum of 50% of the courses required for any fine arts minor must be taken at UNF.
2. Courses taken with lower-level numbers may be used as part of the minor, but a minimum of 9 semester hours in upper-level courses is required for all minors.
3. Courses used in the art major may not be duplicated in any of the art minors. Instead, substitute courses will be required.

Note: 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 chairperson is required to override either of these policies.

## Department of Biology

620-2830

**Joseph A. Butler**, Professor and Chair

**Gregory A. Ahearn**, Professor

**Barbara A. Hetrick**, Professor and Dean

**Gerald J. Stine**, Professor

**Doria F. Bowers**, Associate Professor

**Michael Lentz**, Associate Professor

**Anthony Rossi**, Associate Professor

**Kelly J. Smith**, Associate Professor

**Dale Casamatta**, Assistant Professor

**Matthew R. Gilg**, Assistant Professor

**John D. Hatle**, Assistant Professor

**Daniel C. Moon**, Assistant Professor

**Judith Ochrietor**, Assistant Professor

**Cliff Ross**, Assistant Professor

**Cathy Smith-Paterson**, Assistant Professor

**Gretchen Bielmyer**, Visiting Assistant Professor

**Andrew Beall**, Laboratory Lecturer

**Denise Bristol**, Laboratory Lecturer

**Charles B. Coughlin**, Laboratory Lecturer

**Aileen Marie Miller**, Laboratory Lecturer

**Jamie C. Moon**, Laboratory Lecturer

**Janice Swenson**, Laboratory Lecturer

**Justina M. Wilcox**, Laboratory Lecturer

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, and students interested in this program are encouraged to consult with the PreMedical 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 semester hours of General Education Requirements. The major in Biology includes courses under the following headings: Prerequisites (36 credits), Core Requirements (8 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 (6 credits) and Mathematics (6 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

BSC 1010C	General Biology I	4 hours
CHM 2045C	General Chemistry I	4 hours
MAC 2311	Calculus I	4 hours

#### Semester Two

BSC 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

BSC 2xxxC	General Biology	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 hour
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

BSC 4931	Senior Seminar/Biology	2 hours
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**Major: Biology**  
**Track: Biology**  
**Degree: Bachelor of Science**

**Prerequisites (36 SEMESTER HOURS)**

Requires grades of "C" or above.

- BSC 1010 C 4.0 General Biology I  
PCB x010/x011/, PCB x021/x131/ BSC x040, BSC 2012  
may be substituted for BSC 1010C.
- BSC 1011 C 4.0 General Biology II  
BOT x010,x013, BSC x041 , ZOO x010 may be  
substituted for BSC 1011C.
- CHM 2045 C 4.0 Gen Chemistry I  
CHM 2046 C 4.0 Gen Chemistry II  
CHM 2210 3.0 Organic Chem I Lect  
CHM 2210 L 1.0 Organic Chem I Lab  
PHY 3043/3043L, 3048/3048L, 3049/3049L may be  
substituted for CHM 2210 and CHM 2210L.
- CHM 2211 3.0 Organic Chemistry II  
CHM 2211 L 1.0 Organic Chem II Lab  
PHY 3053/3053L, 3048/3048L, 3049/3049L may be  
substituted for CHM 2211 and CHM 2211L.
- MAC 2311 4.0 G(M) Calculus I  
MAC x233, x253, x281 may be substituted for MAC 2311
- MAC 2312 4.0 G(M) Calculus II  
STA x023, x024, x122, x321, x014, MAC x234, x254,  
x282 may be substituted for MAC 2312.

\*\* All major requirements and major electives require "C" or higher.

**Major Requirements (18 SEMESTER HOURS)**

Note: All transfer courses require prior approval of department chairperson.

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 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 "C".

- PCB 3043 C 4.0 Ecology  
Prereqs: BSC 1010C, BSC 1011C and  
ZOO 2010C (General Biology III)
- PCB 3063 C 4.0 Genetics  
Prereqs: BSC 1010C, 1011C, ZOO 2010C (General  
Biology III), and CHM 2045C & 2046C
- PCB 3023 C 4.0 Molecular & Cell Bio  
Prereqs: BSC 1010C, 1011C, ZOO 2010C (General  
Biology III) and CHM 2210 and 2210L
- PCB 4713 C 4.0 Physiology  
Prereqs: PCB 3023C, PHY 2054 and 2054L
- BSC 4931 2.0 Senior Seminar  
Note: offered only in the fall and spring terms

BSC 4931 will involve field or lab research or library work.

BSC 4905 must be taken in advance if field or lab is selected.

**Major Electives (3000 - 4000 LEVEL) (12 SEMESTER HOURS)**

One major elective must include a laboratory.

BCH/BOT/BSC/MCB/OCB/PCB/ZOO

Note: BSC 4905 may only be repeated for a maximum of 6 hours but only 4 hours may be used in the major elective area.

Excluding APB 3292, BCH 3023C, BSC 2085C, BSC 2086C, BSC 3057, BSC 3090, MCB 2010C, MCB 2013C, PCB 2050 or ZOO 3830.

Always check the catalog course description section to confirm approved biology electives.

**Free Electives (3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

\* 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.

**Major: Biology**  
**Track: 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 SEMESTER HOURS)**

Grade of C or higher required in prerequisites (eligibility for UF College of Dentistry requires a minimum 3.5 GPA in all biology, chemistry and physics courses)

- BSC 1010 C 4.0 General Biology I  
PCB x010/x011/, PCB x021/x131/BSC x040, BSC 2012  
may be substituted for BSC 1010C.
- BSC 1011 C 4.0 General Biology II  
ZOO x010,BOT x010,x013,BSC x041 may be substituted  
for BSC 1011C.
- BSC 2xxx C Gen Biology III  
CHM 2045 C 4.0 Gen Chemistry I



CHM 2046 C	4.0	Gen Chemistry II
CHM 2210	3.0	Organic Chem I Lect
CHM 2210 L	1.0	Organic Chem I Lab
CHM 2211	3.0	Organic Chemistry II
CHM 2211 L	1.0	Organic Chem II Lab
MAC 2311	4.0	G(M) Calculus I

Select One:

MAC 2411	4.0	G(M) Calculus I (may be substituted with MAC 2311)
STA 2014	3.0	G(M) Elem Sta-Hlth/SS

Or any elementary statistics with a STA prefix.

Select Physics I & II with labs from same sequence.

PHY 2053	3.0	Algebra Physics I
PHY 2053 L	1.0	Algebr Physics I Lab
PHY 2054	3.0	Algebra Physics II
PHY 2054 L	1.0	Algeb Physics II Lab
PHY 2048	4.0	Calculus Physics I
PHY 2048 L	1.0	Calc Physics I Lab
PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab

### Major Requirements (18 SEMESTER HOURS)

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).

To Take At UNF:

PCB 3063 C	4.0	Genetics
PCB 3043 C	4.0	Ecology
PCB 3023 C	4.0	Molecular & Cell Bio
BSC 4931	2.0	Senior Seminar

Students must complete BSC 4931 before transferring to UF. BSC 4931 will involve either field research, laboratory research or library work. BSC 4905 must be taken in advance if field or laboratory research is selected.

Senior seminar is only offered in the fall and spring terms.  
Transferred From UF:

### Major Electives

(3000 - 4000 LEVEL) (12 SEMESTER HOURS)

To Take At UNF:

MCB 3020	4.0	Microbial Biology
BCH 4033	3.0	Biochemistry
BCH 4033 L	1.0	Biochemistry Lab

Select One From:

MCB 4503 C	4.0	Virology
ZOO 4753 C	4.0	Histology

### Required Contextuals

(3000 - 4000 LEVEL) (04 SEMESTER HOURS)

To Take At UNF:

CHM 3120 C	4.0	Quant Analytical Chem
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\*\* all major requirements, major electives and contextuals require "C" grades. However, higher grades are needed to qualify for the UF College of Dentistry.

### Free Electives

(4000 - 5000 LEVEL) (18 SEMESTER HOURS)

\*Award of an B.S. in biology from UNF is contingent upon:

1. Completion of a minimum of 26 upper level credit hours at UNF (approved residency requirement for UF/UNF Pre-dentistry majors only).
2. Completion of 90 semester hours at UNF.
3. Transfer of 30 semester hours of approved UF Dentistry courses back to UNF at the close of the senior year.
4. Completion of all general education, CLAST, summer requirement (if applicable), prerequisites and major requirements. A minimum grade of "C" required in all courses (however, admissions to the UF Dentistry Program requires higher grades).

\* Acceptance by UF College of Dentistry is contingent upon:

1. The prescribed curriculum with no less than a 3.75/4.0 overall GPA and 3.5/4.0 science GPA at the undergraduate university.
2. The College of Dentistry application process.
3. Dental Admissions Test with an Academic Average score of 20 or higher and no individual score less than 16 on each DAT section by January 15 of the year of dental school enrollment.
4. Completion of a pre-enrollment interview with the Assistant Dean of Admissions.
5. Demonstrated sustained understanding of issues related to the dental profession evidenced by continued contact with the profession through volunteer and/or work activities.

\* 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.

## BIOLOGY MINORS

### Minor: Biology Minor

#### Minor Requirements

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

See UNF catalog for specific prerequisites for biology courses.

BCH BOT BSC MCB OCB OCE PCB ZOO

Conditions for the minor

1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average of 2.5 is required.
3. All 15 semester hours must be upper-level course work.

## Minor: Environmental Studies

### Minor Requirements (16 SEMESTER HOURS)

(3000 - 4000 LEVEL)

#### Required Courses:

BSC 3057	3.0	Introduction to Environmental Studies
PHI 3640	3.0	Environmental Ethics

#### Select two electives from:

GEO 3370	3.0	Conservation of Natural Resources
GIS 3043	3.0	Intro to Geographical Information Systems
HIS 3403	3.0	Urban Environmental History
INR 3016	3.0	Global Issues in Contemporary Politics
PHM 2030	3.0	Ecological Philosophy
PUP 4506	3.0	Evolution, Society, and Politics (consent of instructor required)

#### Science majors select two natural sciences from:

BOT 2010 C	4.0	Botany
BOT 3712 C	4.0	Plant Systematics
BSC 1011 C	4.0	General Biology II
BSC 3052	3.0	Conservation Biology
BSC 3053	3.0	Health Effects of Environmental

#### Pollutants

BSC 3263	3.0	Marine Biology
BSC 4054	3.0	Environmental Toxicology
CHS 4445	3.0	Environmental Chemistry
PCB 3043 C	4.0	Ecology
PCB 4301 C	4.0	Limnology
ZOO 4823 C	4.0	General Entomology

#### Non-science majors select two natural sciences from:

BSC 1005 C	4.0	Principles of Biology
BSC 1930	2-4	Current Applications in Biology

#### Conditions for the minor:

1. Students may not duplicate courses to use in both the major and the minor.
2. Only two transfer courses will apply towards minor requirements.
3. A grade of "C" or better is required in all minor courses.
4. Students will be required to complete all prerequisites needed for individual minor courses.

## Minor: Chemistry Minor for Biology Majors

### Minor Requirements (15 SEMESTER HOURS)

#### Select A Minimum Of 15 Hours.

BCH 4033	3.0	Biochemistry
BCH 4033 L	1.0	Biochemistry Lab
CHM 3610 C	4.0	Inorganic Chemistry
CHM 4130 C	5.0	Mod Analytical Chem
CHM 4260 C	4.0	Adv Organic Chem
CHM 4410 C	4.0	Physical Chemistry I
CHM 4411 C	4.0	Physical Chem II
CHM 4910	2-4	Chemical Research
CHM 4930	1-4	Sel Topics: Chem
CHS 4610	3.0	Environmental Chem
CHS 4610 L	1.0	Envir Chemistry Lab

## Department of Chemistry and Physics

620-2729

### Chemistry

**Ray D. Bowman**, Professor  
**Edward A. Healy**, Professor  
**K.S. Venkatasubban**, Professor  
**Philip Davis**, Visiting Professor  
**Stuart Chalk**, Associate Professor  
**Michael Lufaso**, Associate Professor  
**Jyotsna Pradhan**, Assistant Professor  
**Robert A. Vergenz**, Associate Professor  
**David Atherton**, Laboratory Lecturer  
**Melissa Bush**, Laboratory Lecturer  
**David Nyquist**, Laboratory Lecturer  
**John Pechonick**, Laboratory Lecturer  
**William Romanchick**, Laboratory Lecturer  
**Judy E. Simms**, Coordinator, Research Programs & Services  
**Robert Stern**, Laboratory Lecturer

### Physics

**Dennis L. Gay**, Associate Professor and Chair  
**James L. Garner**, Professor  
**Jay S. Huebner**, Visiting Research Professor  
**Jack T. Humphries**, Professor Emeritus  
**Thomas M. Pekarek**, Professor  
**Lev Gasparov**, Associate Professor  
**Hong Chen**, Assistant Professor  
**Jane MacGibbon**, Assistant Professor  
**John Anderson**, Senior Research Lecturer  
**Lawrence Mao**, Coordinator, Research Programs & Services  
**Nirmal Patel**, Laboratory Lecturer  
**Toazmin Siddiqui**, Laboratory Lecturer

The Department of Chemistry and Physics offers Bachelor of Science degrees in chemistry and physics with tracks in traditional physics, civil engineering, electrical engineering, mechanical engineering, and computing emphasis. A new track in astrophysics and a chemical physics program are currently being developed. 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 remaining current through active research programs.

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, and chemical sensor development. Physics students can participate in research on the experimental and theoretical properties of magnetic semiconductors and high T<sub>c</sub> 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

#### Concentration: Chemistry

#### Degree: Bachelor of Science

#### Prerequisites (24 SEMESTER HOURS)

Requires grades of "C" or above.

- CHM 2045 C 4.0 Gen Chemistry I  
CHM 1040 & 1041, or CHM 1045E may be substituted for CHM 2045C.
- CHM 2046 C 4.0 Gen Chemistry II  
CHM 1046E may be substituted for CHM 2046C
- MAC 2311 4.0 G(M) Calculus I  
MAC 2281 may be substituted for MAC 2311
- MAC 2312 4.0 G(M) Calculus II  
MAC 2282 may be substituted for MAC 2312

#### 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 3.0 Organic Chem I Lect
- CHM 2210 L 1.0 Organic Chem I Lab
- CHM 2211 3.0 Organic Chemistry II
- CHM 2211 L 1.0 Organic Chem II Lab  
Or (Preferred By Dept)
- PHY 2048 4.0 Calculus Physics I
- PHY 2048 L 1.0 Calc Physics I Lab
- PHY 2049 4.0 Calculus Physics II
- PHY 2049 L 1.0 Calc Physics II Lab  
Or
- PHY 2053 3.0 Algebra Physics I
- PHY 2053 L 1.0 Algebr Physics I Lab
- PHY 2054 3.0 Algebra Physics II
- PHY 2054 L 1.0 Algeb Physics II Lab

#### Core Requirements (08 SEMESTER HOURS)

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. 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 in the major.

#### Select One Sequence

- CHM 2210 3.0 Organic Chem I Lect
- CHM 2210 L 1.0 Organic Chem I Lab
- CHM 2211 3.0 Organic Chemistry II
- CHM 2211 L 1.0 Organic Chem II Lab  
Or (Preferred By Dept)
- PHY 2048 4.0 Calculus Physics I
- PHY 2048 L 1.0 Calc Physics I Lab
- PHY 2049 4.0 Calculus Physics II
- PHY 2049 L 1.0 Calc Physics II Lab  
Or
- PHY 2053 3.0 Algebra Physics I
- PHY 2053 L 1.0 Algebr Physics I Lab
- PHY 2054 3.0 Algebra Physics II
- PHY 2054 L 1.0 Algeb Physics II Lab

#### Required Contextual (S) (07 SEMESTER HOURS)

- BSC 1010 C 4.0 General Biology I
- MAP 2302 3.0 G(M) Ord Diff Equatns  
Prereqs: MAC 2311 and MAC 2312

#### Major Requirements (25 SEMESTER HOURS)

Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each semester. 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. Prerequisites are strictly enforced by the faculty and registrar.

Transfer courses will not be accepted without the prior written approval of the department chairperson.

- CHM 3120 C 4.0 Quant Analytical Chem  
Prereq: CHM 2046C
- BCH 4033 3.0 Biochemistry  
Prereqs: CHM 2211/11L and CHM 3120C
- CHM 4410 C 4.0 Physical Chemistry I  
Prereqs: CHM 2046C, PHY 2054/54L or 2049/49L, MAC 2312
- CHM 4411 C 4.0 Physical Chem II  
Prereq: CHM 4410C
- CHM 3610 C 4.0 Inorganic Chemistry  
Prereqs: CHM 4410C, corequisite: CHM 2211/11L
- CHM 4130 C 5.0 Mod Analytical Chem  
Prereqs: CHM 3120C and CHM 4410C
- CHM 4931 1.0 Chemistry Sr Seminar  
Senior seminar is only offered in the spring term.

#### Major Electives (11 SEMESTER HOURS)

Minimum 11 Hours Required

- CHM 4260 C 4.0 Adv Organic Chem  
Prereq: CHM 2211/11L
- BCH 4033 L 1.0 Biochemistry Lab
- CHS 4610 3.0 Environmental Chem  
Prereqs: CHM 2210, CHM 3120C and CHM 4410C
- CHS 4610 L 1.0 Envir Chemistry Lab
- CHM 4910 2-4 Chemical Research
- CHM 4930 1-4 Sel Topics: Chem
- CHM 4930 AI3.0 Polymer Chemistry

PHY 3101 3.0 Modern Physics  
 Prereq: PHY 2049, corequisite: MAC 2313  
 PHY 3101 L 1.0 Modern Physics Lab  
 PHY 3722 C 4.0 Electron For Scien  
 Prereqs: PHY 2049, MAC 2312, corequisite: PHY 3722L  
 CHM 4473 3.0 Intro Quantum Chem  
 Prereq: CHM 4411C  
 PHY 4604 4.0 Quantum Mechanics  
 Prereqs: MAC 2313, MAP 2302 and PHY 3101

Grades of “C” or above must be earned in all chemistry requirements. No more than 4 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.

### Free Electives

**(3000 - 4000 LEVEL) (09 SEMESTER HOURS)**

\*\* MAC 2313, MAS 3105 and PHI 4400 recommended as free electives.

\* 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.

### Major: Physics

**Concentration: Traditional Physics**

**Degree: Bachelor of Science**

### Prerequisites

**(30 SEMESTER HOURS)**

Requires grades of “C” or above.

CHM 2045 C 4.0 Gen Chemistry I  
 CHM 1040/1041, or CHM 1045E may be substituted for CHM 2045C  
 CHM 2046 C 4.0 Gen Chemistry II  
 CHM 1046E may be substituted for CHM 2046C  
 MAC 2311 4.0 G(M) Calculus I  
 MAC 2312 4.0 G(M) Calculus II  
 MAC 2313 4.0 G(M) Calculus III  
 PHY 2048 4.0 Calculus Physics I  
 PHY 2048 L 1.0 Calc Physics I Lab  
 PHY 2049 4.0 Calculus Physics II  
 PHY 2049 L 1.0 Calc Physics II Lab

\* students who complete PHY 2048 and PHY 2049 with either 3 or 4 credit hours each, and in addition complete PHY 2048L and PHY 2049L will satisfy the physics portion of the prerequisites.

### Required Contextual (S) (06 SEMESTER HOURS)

Grades of “C” or higher required in all contextual courses.

MAP 2302 3.0 G(M) Ord Diff Equatns  
 Prereqs: MAC 2312  
 COP 2220 3.0 Computer Science I

### Major Requirements (34 SEMESTER HOURS)

Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. All prerequisites to major courses require grades of “C” or above.

Grades of “C” or above must be earned in all physics requirements.

PHY 3101 3.0 Modern Physics  
 Prereq: PHY 2049 coreq: MAC 2313  
 PHY 3101 L 1.0 Modern Physics Lab  
 Coreq: PHY 3101  
 PHZ 3113 3.0 Mathematical Physics  
 Prereqs: PHY 2049 and MAC 2313  
 PHY 3220 4.0 Classical Mechanics  
 Prereqs: PHY 2049 and MAC 2313 coreq: MAP 2302  
 PHY 3320 4.0 Electricity/Magnetism  
 Prereqs: PHY 2049 and MAC 2313  
 PHY 3424 3.0 Optics  
 Prereqs: PHY 2049 and MAC 2313  
 PHY 3722 C 4.0 Electron For Scien  
 Prereqs: PHY 2049 and MAC 2313 coreq: PHY 3722L  
 Coreq: PHY 3722  
 PHY 4604 4.0 Quantum Mechanics  
 Prereqs: PHY 3101, MAC 2313 and MAP 2302  
 PHY 4523 3.0 Thermo And Stat Mech  
 Prereqs: PHY 3101, MAC 2313 and MAP 2302  
 PHY 4802 L 2.0 Adv Physics Lab  
 Prereqs: PHY 3101L  
 PHY 4910 3.0 Physics Research  
 Prereqs: PHY 3101

\* PHY 3722 and PHY 3722L must be taken concurrently.

### Major Electives

**(03 SEMESTER HOURS)**

Grades of “C” or above must be earned in all physics electives.

Select One Course

PHZ 3404 3.0 Solid State Physics  
 Prereq: PHY 3101  
 PHZ 4160 4.0 Adv Topics Physics  
 Prereqs: PHY 3220, PHY 3323 and PHY 4604  
 PHZ 4303 3.0 Nuclear Physics  
 Prereqs: PHY 3101 and PHY 4604

### Free Electives

**(3000 - 4000 LEVEL) (17 SEMESTER HOURS)**

\* 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.

### Major: Physics

**Concentration: Civil Engineering**

**Degree: Bachelor Of Science**

### Prerequisites

**(30 SEMESTER HOURS)**

Requires grades of “C” or above.

CHM 2045 C 4.0 Gen Chemistry I  
 CHM 1040/1041, or CHM 1045E may be substituted for CHM 2045C  
 CHM 2046 C 4.0 Gen Chemistry II  
 CHM 1046E may be substituted for CHM 2046C  
 MAC 2311 4.0 G(M) Calculus I  
 MAC 2312 4.0 G(M) Calculus II  
 MAC 2313 4.0 G(M) Calculus III  
 PHY 2048 4.0 Calculus Physics I

PHY 2048 L 1.0 Calc Physics I Lab  
 PHY 2049 4.0 Calculus Physics II  
 PHY 2049 L 1.0 Calc Physics II Lab

\* students who complete PHY 2048 and PHY 2049 with either 3 or 4 credit hours each, and in addition complete PHY 2048L and PHY 2049L will satisfy the physics portion of the prerequisites.

**Requisites (03 SEMESTER HOURS)**

MAP 2302 3.0 G(M) Ord Diff Equatns

Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. All prerequisites require grades of "C" or above.

**Major requirements: physics (28 semester hours)**

Grades of "C" or higher required in all physics and engineering courses.

PHY 3101 3.0 Modern Physics  
 PHY 3101 L 1.0 Modern Physics Lab  
 PHZ 3113 3.0 Mathematical Physics  
 PHY 3220 4.0 Classical Mechanics  
 PHY 3320 4.0 Electricity/Magnetism  
 PHY 3722 C 4.0 Electron For Scien  
 PHY 4523 3.0 Thermo And Stat Mech  
 PHY 4802 L 2.0 Adv Physics Lab

**Civil engineering requirements (12 semester hours)**

EGN 3311 3.0 Statics  
 EGN 3202 3.0 Computer Aided Engrg  
 CES 3104 C 3.0 Mechanics Of Matrls  
 CWR 3201 3.0 Fluid Mechanics

**Major Electives (17 SEMESTER HOURS)**

Grades of "C" or above required in all engineering courses.

Select 17 hours of civil engineering electives

CGN

**Free Electives (07 SEMESTER HOURS)**

\* 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.

**Major: Physics**

**Concentration: Computing Emphasis**

**Degree: Bachelor of Science**

**Prerequisites (30 SEMESTER HOURS)**

Requires grades of "C" or above.

CHM 2045 C 4.0 Gen Chemistry I  
 CHM 1040/1041, or CHM 1045E may be substituted for CHM 2045C  
 CHM 2046 C 4.0 Gen Chemistry II  
 CHM 1046E may be substituted for CHM 2046C  
 MAC 2311 4.0 G(M) Calculus I  
 MAC 2312 4.0 G(M) Calculus II  
 MAC 2313 4.0 G(M) Calculus III

PHY 2048 4.0 Calculus Physics I  
 PHY 2048 L 1.0 Calc Physics I Lab  
 PHY 2049 4.0 Calculus Physics II  
 PHY 2049 L 1.0 Calc Physics II Lab

\* students who complete PHY 2048 and PHY 2049 with either 3 or 4 credit hours each, and in addition complete PHY 2048L and PHY 2049L will satisfy the physics portion of the prerequisites.

**Required Contextual (S) (06 SEMESTER HOURS)**

Grades of "C" or higher required in all contextual courses.

MAP 2302 3.0 G(M) Ord Diff Equatns  
 COP 2220 3.0 Computer Science I

**Major Requirements (39 SEMESTER HOURS)**

Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. All prerequisites to major courses require grades of "C" or above.

**Physics requirements (28 semester hours)**

Grades of "C" or higher required in all physics courses.

PHY 3101 3.0 Modern Physics  
 PHY 3101 L 1.0 Modern Physics Lab  
 PHZ 3113 3.0 Mathematical Physics  
 PHY 3424 3.0 Optics  
 PHY 3220 4.0 Classical Mechanics  
 PHY 3320 4.0 Electricity/Magnetism  
 PHY 3722 C 4.0 Electron For Scien  
 PHY 4604 4.0 Quantum Mechanics  
 PHY 4802 L 2.0 Adv Physics Lab

**Computer science requirements (11 semester hours)**

Grades of "C" or higher required in all computer science requirements and computer science electives.

COT 3100 3.0 Comp Structures  
 COP 3530 4.0 Data Structures  
 Select One From:  
 COP 3601 4.0 Intro Sys Software  
 CDA 3101 4.0 Intro Comp Hardware

**Major Electives (15 SEMESTER HOURS)**

Select 5 Computer Sci Elective

COT/COP/CDA

\* 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.

**Major: Physics**

**Concentration: Electrical Engineering**

**Degree: Bachelor of Science**

**Prerequisites (30 SEMESTER HOURS)**

Requires grades of "C" or above.

CHM 2045 C 4.0 Gen Chemistry I  
 CHM 1040/1041, or CHM 1045E may be substituted for CHM 2045C

CHM 2046 C	4.0	Gen Chemistry II
CHM 1046E may be substituted for CHM 2046C		
MAC 2311	4.0	G(M) Calculus I
MAC 2312	4.0	G(M) Calculus II
MAC 2313	4.0	G(M) Calculus III
PHY 2048	4.0	Calculus Physics I
PHY 2048 L	1.0	Calc Physics I Lab
PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab

\* students who complete PHY 2048 and PHY 2049 with either 3 or 4 credit hours each, and in addition complete PHY 2048L and PHY 2049L will satisfy the physics portion of the prerequisites.

#### **Required Contextual (S) (06 SEMESTER HOURS)**

Grades of "C" or higher required in all contextual courses.

MAP 2302	3.0	G(M) Ord Diff Equatns
COP 2220	3.0	Computer Science I

#### **Major Requirements (47 SEMESTER HOURS)**

Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. All prerequisites to major courses require grades of "C" or above.

#### **Physics requirements (27 semester hours)**

Grades of "C" or higher required in all physics courses

PHY 3101	3.0	Modern Physics
PHY 3101 L	1.0	Modern Physics Lab
PHZ 3113	3.0	Mathematical Physics
PHY 3424	3.0	Optics
PHY 3220	4.0	Classical Mechanics
PHY 3320	4.0	Electricity/Magnetism
PHY 4604	4.0	Quantum Mechanics
PHY 4802 L	2.0	Adv Physics Lab
PHZ 3404	3.0	Solid State Physics

#### **Electrical engineer requirements (20 semester hours)**

Grades of "C" or higher required in all engineering courses

EEL 3111	3.0	Basic Circuit Theory
EEL 3112	3.0	Elec Network Theory
EEL 3304	3.0	Elec Circuits I
EEL 3303 L	1.0	Elec Circuits Lab
EEL 4744 C	4.0	Microprocessor Appli

Select One

CDA 3101	4.0	Intro Comp Hardware
EEL 3701 C	4.0	Intr Digital Systems

Select One

EEL 3135	3.0	Signals And Systems
EEL 4309 C	4.0	Electronic Circuit 2

#### **Major Electives (07 SEMESTER HOURS)**

Select 7 hours of engineering electives

Grades of "C" or higher required in all engineering electives.

EEL

\* 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.

#### **Major: Physics**

**Concentration: Mechanical Engineering**

**Degree: Bachelor Of Science**

#### **Prerequisites (30 SEMESTER HOURS)**

Requires grades of "C" or above.

CHM 2045 C	4.0	Gen Chemistry I
CHM 1040/1041, or CHM 1045E may be substituted for CHM 2045C		
CHM 2046 C	4.0	Gen Chemistry II
CHM 1046E may be substituted for CHM 2046C		
MAC 2311	4.0	G(M) Calculus I
MAC 2312	4.0	G(M) Calculus II
MAC 2313	4.0	G(M) Calculus III
PHY 2048	4.0	Calculus Physics I
PHY 2048 L	1.0	Calc Physics I Lab
PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab

\* students who complete PHY 2048 and PHY 2049 with either 3 or 4 credit hours each, and in addition complete PHY 2048L and PHY 2049L will satisfy the physics portion of the prerequisites.

#### **Requisites (03 SEMESTER HOURS)**

MAP 2302	3.0	G(M) Ord Diff Equatns
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#### **Major Requirements (45 SEMESTER HOURS)**

Courses must be taken in prerequisite order. Electronic approval for courses requiring prerequisites must be obtained each registration. All prerequisites to major courses require grades of "C" or above.

#### **Physics requirements (28 semester hours)**

Grades of "C" or higher required in all physics courses.

PHY 3101	3.0	Modern Physics
PHY 3101 L	1.0	Modern Physics Lab
PHZ 3113	3.0	Mathematical Physics
PHY 3424	3.0	Optics
PHY 3220	4.0	Classical Mechanics
PHY 3320	4.0	Electricity/Magnetism
PHY 3722 C	4.0	Electron For Scien
PHY 4523	3.0	Thermo And Stat Mech
PHY 4802 L	2.0	Adv Physics Lab

#### **Mechanical engineering requirements (18 semester hours)**

Grades of "C" or higher required in all engineering courses.

EGN 3311	3.0	Statics
EGN 3331	3.0	Strength Of Material
EML 3100	3.0	Thermodynamics I
EGN 3203	3.0	Mod Computal Methods
EML 3015	3.0	Fluids I
EML 4140	3.0	Heat Transfer

#### **Major Electives (09 SEMESTER HOURS)**

Select 9 hours of mechanical engineering electives

EGN EML

#### **Free Electives (06 SEMESTER HOURS)**

\* 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.

## CHEMISTRY and PHYSICS MINORS

### Minor: Chemistry Minor

#### Minor Requirements (20 SEMESTER HOURS)

CHM 2045 C	4.0	Gen Chemistry I
CHM 2046 C	4.0	Gen Chemistry II
CHM 3120 C	4.0	Quant Analytical Chem
CHM 2210	3.0	Organic Chem I Lect
CHM 2210 L	1.0	Organic Chem I Lab

Select One (Four Or More Hours)

CHM 2211	3.0	Organic Chemistry II
CHM 2211 L	1.0	Organic Chem II Lab
CHM 3610 C	4.0	Inorganic Chemistry
Prereq: instructor's permission required.		
BCH 4033	3.0	Biochemistry
BCH 4033 L	1.0	Biochemistry Lab

Conditions for the minor:

1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average of 2.5 is required.

### Minor: Chemistry Minor for Biology Majors

#### Minor Requirements (15 SEMESTER HOURS)

Select A Minimum Of 15 Hours.

BCH 4033	3.0	Biochemistry
BCH 4033 L	1.0	Biochemistry Lab
CHM 3610 C	4.0	Inorganic Chemistry
CHM 4130 C	5.0	Mod Analytical Chem
CHM 4260 C	4.0	Adv Organic Chem
CHM 4410 C	4.0	Physical Chemistry I
CHM 4411 C	4.0	Physical Chem II
CHM 4910	2-4	Chemical Research
CHM 4930	1-4	Sel Topics: Chem
CHS 4610	3.0	Environmental Chem
CHS 4610 L	1.0	Envir Chemistry Lab

### Minor: Physics Minor

#### Minor Requirements (20 SEMESTER HOURS)

PHY 2048	4.0	Calculus Physics I
PHY 2048 L	1.0	Calc Physics I Lab
PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab
PHY 3101	3.0	Modern Physics
PHY 3101 L	1.0	Modern Physics Lab

Select At Least 2 Courses.

PHZ 3113	3.0	Mathematical Physics
PHY 3220	4.0	Classical Mechanics
PHY 3320	4.0	Electricity/Magnetism
PHY 3424	3.0	Optics
PHY 3722 C	4.0	Electron For Scien
PHY 4604	4.0	Quantum Mechanics
PHY 4523	3.0	Thermo And Stat Mech
PHZ 3404	3.0	Solid State Physics
PHZ 4303	3.0	Nuclear Physics

Conditions for the minor:

1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average if 2.5 is required.

## Department of Communication

David Goff, Professor and Chair

Robert H. Bohle, Professor

Berrin Beasley, Associate Professor

Joe M. Lesem, Associate Professor

John Parmelee, Associate Professor

Brian Thornton, Associate Professor

John Davies, Assistant Professor

Mu Lin, Assistant 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

Karen Donges, Instructor

Christina Holland, Instructor

Paula Horvath-Neimeyer, Instructor

Dee Colvin, Visiting Instructor

Diane Matuschka, Visiting Instructor

Allison Searle, Visiting Instructor

Jozsef Szeremi, Engineer

The Department of Communication 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 - Student 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 to 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.

**All Communication students must be able to type.**

**MMC 3105 Advanced Writing for the Media: Students may take this course no more than two times, owing to high demand.**

### 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.**

**Students cannot 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.

**General Policies: Please be aware of all prerequisites before enrolling in a course. Prerequisites are enforced.**

**A student must notify the Communication Office at least 24 hours before the first day of class if the student will be missing that class. Failure to do so will forfeit the student's place in that class.**



**Major: Communication**  
**Concentration: Advertising**  
**Degree: Bachelor of Science**

**Requisites (03 SEMESTER HOURS)**

Students intending to major in the advertising, broadcasting, journalism or public relations tracks must take the following:  
SPC 2060 3.0 Fundmntls Of Speech

**Prerequisites (18 SEMESTER HOURS)**

18 hours outside the major and beyond the 36 hours of general education requirements.

**Major Requirements (3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

All major requirements and major electives must be completed with grades of "C" or above.

**Required Courses**

STA 2014 3.0 G(M)Elem Sta-Hlth/SS  
MMC 3105 3.0 Adv Writing Fr Media  
MMC 3614 3.0 Media Theories and Effects  
MMC 3205 3.0 Ethics/Law Comm  
MMC 4420 3.0 Mass Comm Research  
Prereqs: MMC 3614 and STA 2014  
MMC 4975 3.0 Senior Project  
Prereqs: MMC 3205, MMC 3614 and MMC 3105

**Concentration Requirements (3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

Students should check catalog course description section for prerequisites that may be required for the courses below.

Advertising Track (3000 - 4000 LEVEL)  
ADV 3008 3.0 Prin Of Advertising  
ADV 3200 C 3.0 Advertising Design  
Prereq: ADV 3000 and ADV 3101  
ADV 3101 3.0 Advertising Copywrtg  
Prereqs: ADV 3000 and MMC 3105  
ADV 3300 3.0 Media Planning  
Prereqs: ADV 3000 and MMC 3105  
ADV 4800 3.0 Ad Campaigns  
Prereqs: ADV 3000 and ADV 3101 and MMC 3105

**(3000 - 4000 LEVEL)**

Select one course from the following list

PGY 2401 C 3.0 Photography In B&W  
RTV 2230 3.0 R & TV Announcing  
Prereqs: MMC 1004 and MMC 3105  
PGY 4610 3.0 Photojournalism  
Prereqs: PGY 2401C and MMC 3105  
JOU 3302 3.0 Wrtnng Edtrls/Clmns  
Prereqs: JOU 3101 and MMC 3105  
JOU 4117 3.0 Seminar Reprtrng Tech  
Prereqs: JOU 3101 and MMC 3105  
JOU 4202 3.0 Advanced Nwspapr Edi  
Prereqs: JOU 3101 and MMC 3614 and MMC 3105  
MMC 3402 3.0 Political Advertising

MMC 4251 3.0 Creating Hlth Messages  
Prereq: MMC 3105  
MAN 3025 3.0 Adminis Management  
Recommended prereq: SOP 3004 (Social Psychology)  
MAR 3023 3.0 Prin Of Marketing  
Prereqs: ECO 2013 and ECO 2023 (macro/micro) economics  
MAR 4323 3.0 Advert Management  
Prereq: MAR 3023

**Free Electives (3000 - 4000 LEVEL) (24 SEMESTER HOURS)**

\* 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.

**Major: Communication**  
**Concentration: Electronic Media**  
**Degree: Bachelor of Science**

**Requisites (03 SEMESTER HOURS)**  
SPC 2060 3.0 Fundmntls Of Speech

**Prerequisites (18 SEMESTER HOURS)**

18 hours outside the major and beyond the 36 hours of general education requirements.

**Major Requirements (3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

Prerequisite policy: courses must be taken in prerequisite order. Students will be administratively withdrawn from a course if grades of "C" or above are not earned in required prereqs.

Electronic approval of prerequisites: electronic approval must be obtained for courses requiring prerequisites.

First day attendance rule: any student who misses the first day without advance notice to the department office will be administratively withdrawn from that course.

All major requirements and major electives must be completed with grades of "C" or above.

**Required Courses**

STA 2014 3.0 G(M)Elem Sta-Hlth/SS  
MMC 3105 3.0 Adv Writing Fr Media  
MMC 3614 3.0 Media Theories and Effects  
MMC 3205 3.0 Ethics/Law Comm  
MMC 4420 3.0 Mass Comm Research  
Prereqs: MMC 3614 and STA 2014  
MMC 4975 3.0 Senior Project  
Prereqs: MMC 3205 and MMC 3614 and MMC 3105

Students may not intern at their place of employment. At least three of the five courses listed for the Concentration Requirements must be completed before engaging in a professional internship and enrolling in MMC 4975 Senior Project.

## Concentration Requirements

**(3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

Students should check catalog course description section for prerequisites that may be required for the courses below.

### Broadcasting Track (3000 - 4000 LEVEL)

RTV 3000 3.0 Prin Of Broadcasting

RTV 3101 3.0 Adv Brdcast Wrtg

Prereqs: RTV 3000, MMC 3614, MMC 3105

RTV 3220 C 3.0 TV Prod Vis Arts TV

Prereqs: RTV 3000 and MMC 3105

RTV 3800 3.0 Broadcast Management

Prereqs: RTV 3000 and MMC 3105

RTV 3301 3.0 Producing TV News

Prereq: RTV 3000

RTV 4221 C 3.0 Adv TV Production

Prereq: RTV 3220 C

### Free Electives

**(3000 - 4000 LEVEL) (24 SEMESTER HOURS)**

\* 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.

### Major: Communication

**Concentration: Journalism**

**Degree: Bachelor of Science**

### Requisites (03 SEMESTER HOURS)

SPC 2060 3.0 Fundmntls Of Speech

### Prerequisites (18 SEMESTER HOURS)

18 hours outside the major and beyond the 36 hours of general education requirements.

### Major Requirements

**(3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

Prerequisite policy: courses must be taken in prerequisite order. Students will be administratively withdrawn from a course if grades of "C" or above are not earned in required prereqs.

Electronic approval of prerequisites: electronic approval must be obtained for courses requiring prerequisites in which a student is currently enrolled or has taken at UNF.

First day attendance rule: any student who misses the first day without advance notice to the Department office will be administratively withdrawn from that course.

All major requirements and major electives must be completed with grades of "C" or above.

Students may take MMC 3105 no more than two times. High demand limits the number of times a student may take this course.

### Required Courses

STA 2014 3.0 G(M)Elem Sta-Hlth/SS

MMC 3105 3.0 Adv Writing Fr Media

MMC 3614 3.0 Media Theories and Effects

MMC 3205 3.0 Ethics/Law Comm

MMC 4420 3.0 Mass Comm Research

Prereqs: MMC 3614 and MMC 3105

MMC 4975 3.0 Senior Project

Prereqs: MMC 3205 and MMC 3614 and MMC 3105

**The Internship:** Students may not intern at their place of employment. At least three of the five courses listed for the concentration requirements must be completed before engaging in a professional internship and enrolling in MMC 4975 Senior Project. Also, students who intern **must** be seniors in the intern semester.

## Concentration Requirements

**(3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

Students need to check the catalog course description section for possible prerequisites required for the courses below.

### Journalism Track (3000 - 4000 LEVEL)

JOU 3204 3.0 Prin Of Journalism

JOU 3101 3.0 Advanced Reporting

Prereq: MMC 3105

JOU 3308 3.0 Mgzne Feature Wrtng

Prereqs: JOU 3101 and MMC 3105

JOU 3925 3.0 App Journlsm (Print)

Prereqs: JOU 3101 and MMC 3105

JOU 4202 3.0 Advanced Nwspapr Edi

Prereqs: JOU 3101 and MMC 3614 and MMC 3105

JOU 4224 3.0 Advanced Design

Prereqs: MMC 3614, MMC 3105, JOU 3204, JOU 3101

### Free Electives

**(3000 - 4000 LEVEL) (24 SEMESTER HOURS)**

\* 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.

### Major: Communication

**Concentration: Public Relations**

**Degree: Bachelor of Science**

### Requisites (03 SEMESTER HOURS)

SPC 2060 3.0 Fundmntls Of Speech

### Prerequisites (18 SEMESTER HOURS)

18 hours outside the major and beyond the 36 hours of general education requirements.

### Major Requirements

**(3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

Prerequisite policy: courses must be taken in prerequisite order. Students will be administratively withdrawn from courses if grades of "C" or above are not earned in all required prereqs.

Electronic approval of prerequisites: electronic approval must be obtained for courses requiring prerequisites in which you are currently enrolled or have not taken here at UNF.

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.

All major requirements and major electives must be completed with grades of "C" or above.

High demand limits the number of times a student may take MMC 3015. Students may take this course no more than two times.

### Required Courses

STA 2014	3.0	G(M)Elem Sta-Hlth/SS
MMC 3105	3.0	Adv Writing Fr Media
MMC 3614	3.0	Media Theories and Effects
MMC 3205	3.0	Ethics/Law Comm
MMC 4420	3.0	Mass Comm Research
Prereqs: MMC 3614 and STA 2014		
MMC 4975	3.0	Senior Project
Prereqs: MMC 3205 and MMC 3614 and MMC 3105		

**The Internship:** Students may not intern at their place of employment. At least three of the five courses listed for the concentration requirements must be completed before engaging in a professional internship and enrolling in senior project. Also, students who intern **must** be seniors in the intern semester.

### Concentration Electives

**(3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

Students should check the catalog course description section for prerequisites that may be required for the courses below.

#### Public Relations Track (3000 - 4000 LEVEL)

PUR 3000	3.0	Prin Pub Relations
PUR 3100	3.0	Public Reltns Writng
Prereqs: PUR 3000 and MMC 3105		
MMC 3402	3.0	Political Advertising
PUR 4400	3.0	Crisis Communication
Prereqs: PUR 3000 and MMC 3105		
PUR 4800	3.0	Pub Reltns Campaign
Prereqs: PUR 3000 and MMC 3105 and PUR 4801		
PUR 4801	3.0	Pub Relations Cases
Prereqs: PUR 3000 and MMC 3105		

#### (3000 - 4000 LEVEL)

Select one course from the following list

PGY 2401 C	3.0	Photography In B&W
RTV 2230	3.0	R & TV Announcing
Prereqs: MMC 1004 and MMC 3105		
PGY 4610	3.0	Photojournalism
Prereqs: PGY 2401 C and MMC 3105		
JOU 3302	3.0	Wrtng Edtrls/Clmns
Prereqs: JOU 3101 and MMC 3105		
JOU 4117	3.0	Seminar Reprtrng Tech
Prereqs: JOU 3101 and MMC 3105		
JOU 4202	3.0	Advanced Nwspapr Edi
Prereqs: JOU 3101 and MMC 3614 and MMC 3105		
MMC 3130	3.0	Presentation/Design

Prereqs: PUR 3000 and PUR 3100 and MMC 3614 and MMC 3105

MMC 4251 3.0 Creating Hlth Messag  
Prereq: MMC 3105

MAN 3025 3.0 Adminis Management  
Recommended prereq: SOP 3004 (Social Psychology)

MAR 3023 3.0 Prin Of Marketing  
Prereqs: ECO 2013 and ECO 2023 (macro/micro)  
economics

MAR 4323 3.0 Advert Management  
Prereq: MAR 3023

### Free Electives

**(3000 - 4000 LEVEL) (24 SEMESTER HOURS)**

\* 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.

## MINORS IN COMMUNICATION

### Minor: Communication Studies Minor

#### Minor Requirements

Students intending to minor in Communication Studies must complete the following with grades of C or above:

COM 2000	3.0	Introduction to Communication Studies
SPC 2600	3.0	Public Speaking (or SPC 2060 Fundamentals of Speech, pre-2007 or SPC 4064 Public Speaking for Professionals)

Select at least one course from:

COM 3120	3.0	Organizational Communication
COM 3042	3.0	Interpersonal Communication
COM 4301	3.0	Communication Theory and Research Methods

Select two courses from this list, if needed, to complete the 15 hours for the minor:

MMC 3620	3.0	International Study in Communication (Study Abroad)
COM 4430	3.0	International Communication
COM 3440	3.0	Small Group Communication
MMC 3402	3.0	Political Advertising
MMC 3609	3.0	Public Opinion and Persuasion
COM 3932	3.0	Topics in Communications
COM 3346	3.0	Interviewing: Theories and Methods
COM 4411	3.0	Communication and Popular Culture
MMC 4420	3.0	Mass Communication Research
RTV 4403	3.0	Media Criticism
COM 4022	3.0	Theory & Research Methods in Health Communication
COM 4930	3.0	Seminar in Communication

#### Conditions for the Communication Studies minor:

1. No more than 6 semester hours of transfer courses can be used for the minor.
2. A grade of C or better is required in all minor courses and prerequisites.
3. Majors in Communication may not pursue minors in either of the two Communication minors.
4. Prerequisites must be completed before a second course that requires that prerequisite.

## Minor: Mass Communication Minor

### Minor Requirements (15 SEMESTER HOURS)

Note: Students should be aware that 48 **upper level** hours are required for graduation.

MMC 1004	3.0	Media Literacy
MMC 3105	3.0	Adv Writing Fr Media
MMC 3614	3.0	Media Theories and Effects

Select two from the list below:

ADV 3008	3.0	Prin Of Advertising
JOU 3204	3.0	Prin Of Journalism
PUR 3000	3.0	Prin Pub Relations
MMC 3205	3.0	Ethics/Law Comm
RTV 3000	3.0	Prin Of Broadcasting
SPC 4064	3.0	Public Speaking Prof

#### Conditions for the minor:

1. Courses must be taken in sequence. If a course is a prerequisite for a second course, it may not be taken simultaneously. Written permission from the department chair is required to override either of these policies.
2. No more than 6 semester hours of transfer courses may be used for the Communication minor.
3. 3 hours of lower level courses may be used in the Communication minor.
4. A grade of "C" or better is required in all minor courses and prerequisites.
5. Majors in Communication may not pursue minors in either of the two communication minors.

## Department of Criminology and Criminal Justice

620-2758

**Michael Hallett**, Chair and Professor  
**Christine Rasche**, Associate Professor  
**Stanley Swart**, Associate Professor  
**Glenn Coffey**, Assistant Professor  
**Kareem Jordan**, Assistant Professor  
**Elizabeth McMullan**, Assistant Professor  
**Casey Welch**, Visiting Assistant Professor  
**Jennifer Wesely**, Assistant Professor and  
MSCJ Program Director  
**Steve Wilson**, Assistant Professor  
**Catherine Chadeayne-Goldman**, Visiting Instructor,  
Field Coordinator of Criminal Justice Internships

The Department of Criminology & Criminal Justice offers a variety of programs in the social sciences. The department offers bachelor's degree 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: Criminology and Criminal Justice**  
**Concentration: Criminology and Criminal Justice**  
**Degree: Bachelor of Arts**

### Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Requires grades of "C" or above.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD-(FC) in the course title.

**Major Requirements (24 SEMESTER HOURS)**

SYA 3300 requires elementary statistics.

CCJ 3023	3.0	Intro To Criminal Justice
CCJ 3603	3.0	Criminological Theory
CCJ 3700	3.0	Res Meth Crim & CJ
Prereq: STA 2014		
CCJ 3501	3.0	Juvenile Delinquency and Juvenile Justice
CJL 4310	3.0	Criminal Law/Procedure I
CJL 4510	3.0	Court Syst & Process
CJE 4017	3.0	Law Enfor Sys/Proces
CJC 4015	3.0	Corr Sys & Process

**Major Electives****(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

In-service students select 4 courses; non-service select 3 courses

CCJ 3930	3.0	CJ Junior Seminar
CCJ 3932	1-4	ST: Criminal Justice
CCJ 4283	3.0	Phil Of Law/Justice
CCJ 4604	3.0	Crime and Mental Illness
CCJ 4662	3.0	Minorities & Crime
CCJ 4663	3.0	Women And Crime
CCJ 4664	3.0	White Collar Crime
CCJ 4680	3.0	Family Violence
CJE 4144	3.0	Security & Society
CCJ 4905	1-4	Dir Indvid Study
CCJ 4931	3.0	Cntrvrsl Legl Issues
CCJ 4935	1-4	Spec Top: Justice Adm
CCJ 4641	3.0	Organized Crime
CJE 3281	3.0	Women/Legal System
CJE 4211	3.0	Hate Crimes
CJC 4510	3.0	Punishment & Society
CCJ 4938	1-4	Spec Top: Criminology
CJE 3232	3.0	Drugs & Crime
CJE 4270	3.0	Child Abuse
CJC 3410	3.0	Offender Treatment
CJL 4111	3.0	Crim Law/Procdure II
SYP 3570	3.0	Deviance & Soc Cont
CCJ 4315	3.0	Criminal Trials Seminar

**Required Capstone Experience (06 SEMESTER HOURS)**

Non-service Internship

Internship requires completion of all of the following core courses with a grade of "C" or above: CCJ 3700, CCJ 3023, CCJ 3603, CCJ 3700, CJL 4310, CJL 4510, CJE 4017, and CJC 4015.

CCJ 4939	3.0	Pre-intern In Cr Ju
CCJ 4940	3.0	Internship Crim Just

Note: In-service students need departmental approval to waive capstone experience.

**Required Minor****(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

**Free Electives****(03 SEMESTER HOURS)**

\* 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.

**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 Minor****Minor Prerequisites (03 SEMESTER HOURS)**

CCJ 2002 3.0 Crime In America

**Minor Requirements****(15 SEMESTER HOURS)**

CCJ 3023	3.0	Intro To Criminal Justice
CCJ 3603	3.0	Criminological Theory
CJL 4310	3.0	Criminal Law/Procedure I
(3000 - 4000 LEVEL)		

Select two upper level courses with the following prefixes.

CCJ CJC CJL CJE

Conditions for the minor

1. No more than 6 semester hours, or 2 courses, may be transferred in to satisfy minor course requirements.
2. No more than 3 semester hours, or 1 course carrying lower-level numbers may be used to satisfy any minor requirement.
3. A grade of "C" or better is required for all minor courses and prerequisites.

**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 grade point average 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 620-2640

**Paul M. Mason**, Professor and Chair  
**Stephen L. Shapiro**, Professor  
**Jeffrey W. Steagall**, Professor and Associate Dean  
**Earle C. Traynham**, Professor  
**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  
**Rujikorn Pavasuthipaisit**, Assistant Professor  
**Chung-Ping Loh**, Assistant Professor  
**W. Thomas Coppedge**, Instructor

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 3 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 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 Information 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 Information Systems
  - GIS 4048 Intermediate Geographic Information Systems
  - One of the courses listed above

**Major: Economics**

**Track: Economics**

**Degree: Bachelor of Arts**

**Prerequisites (06 SEMESTER HOURS)**

Requires grades of "C" or above.

ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics
Or		(1000 - 2000 LEVEL)
ECO		

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Requires grades of "C" or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	3.0	American Sign Lang I
SPA 2613	3.0	Ameri Sign Lang II

Or

3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD-(FC) in the course title.

## Major Requirements

**(3000 - 4000 LEVEL) (12 SEMESTER HOURS)**

ECO 3421 3.0 Econometrics

Prereq: introductory statistics

ECO 3101 3.0 Inter Microeconomics

Prereq: ECO 2023 (micro)

ECO 3203 3.0 Inter Macroeconomics

Prereqs: ECO 2013 (macro) coreq: ECO 3411 or ECO 3421

Select 1 International Course

ECO 3703 3.0 International Trade

Prereq: ECO 2023

ECO 4723 3.0 Inter Monetary Sys

Prereq: ECO 3203

## Major Electives

**(3000 - 4000 LEVEL) (09 SEMESTER HOURS)**

ECO ECP ECG GEO

Note: A grade of "C" or better is required in all economics courses.

ECO 3632 / ECO 3701 / ECP 3703 may not be used in the major.

## Required Minor

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. See catalog for list.

## Free Electives

**(3000 - 4000 LEVEL) (16 SEMESTER HOURS)**

\* 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.

A major in economics is also offered through the Coggin College of Business, leading to a B.B.A. degree. (See the Coggin College of Business section of this catalog.)

## Minor: Economics Minor

**Minor Prerequisites (06 SEMESTER HOURS)**

ECO 2013 3.0 Princ Macroeconomics

ECO 2023 3.0 Princ Microeconomics

**Minor Requirements (15 SEMESTER HOURS)**

ECO 3101 3.0 Inter Microeconomics

ECO 3203 3.0 Inter Macroeconomics

ECO 3411 3.0 Business & Econ Stat

(3000 - 4000 LEVEL)

Select two upper level courses with the following prefixes.

ECO ECP GEO

### Conditions for the minor:

1. A grade of "C" or better is required in all courses for the minor in economics, including prerequisites.
2. At least 6 hours of upper-level course work in economics must be completed at UNF.
3. No lower level coursework may be used for required courses in economics without written approval of the department chairperson in economics.
4. May not use ECO 3632/ ECO 3701/ ECP 3703 in the economics minor.

## Department of English

620-2273

**Mark E. Workman**, Provost, Vice President for Academic Affairs and Professor

**A. Samuel Kimball**, Professor and Chair

**Chris Gabbard**, Associate Professor and Coordinator of M.A. Program in English

**Kathleen Hassall**, Associate Professor and Director of the Writing Program

**Leslie Kaplan**, Assistant Director of the Writing Program

**Richard B. Bizot**, Professor and Director of Irish Studies

**Mary Baron**, Professor

**Marnie C. Jones**, Professor

**William Slaughter**, Professor

**Allen Tilley**, Professor

**Keith Cartwright**, Associate Professor

**Chris Gabbard**, Associate Professor

**Nancy J. Levine**, Associate Professor

**Jason I. Mauro**, Associate Professor

**Pamela A. Monteleone**, Associate Professor

**Betsy L. Nies**, Associate Professor

**Brian J. Striar**, Associate Professor

**Michael C. Wiley**, Associate Professor

**Tiffany Beechy**, Assistant Professor

**Timothy Donovan**, Assistant Professor

**Tru Leverette**, Assistant Professor

**Clark Lunberry**, Assistant Professor

**Sangeeta Mediratta**, Assistant Professor

**Jillian L. Smith**, Assistant Professor

**Bart H. Welling**, 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

**Barbara B. Roberts**, Instructor

**Dean Swinford**, Instructor

**Russell D. Turney**, Instructor

**Amy R. Wainwright**, Instructor

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 9 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**  
**Track: English**  
**Degree: Bachelor of Arts**

**Prerequisites (06 SEMESTER HOURS)**

Requires grades of "C" or above.

ENC 1101	3.0	G(W) College Writing
ENC 1102	3.0	G(W) Informed Writer
LIT 2000	3.0	G(W) Intro Literature
LIT 2932	3.0	G(W) Theme/Types Lit

Or any other 6000 word course with prefix AML/CRW/ENC/ENG/ENL/LIT

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Requires grades of "C" or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule of courses booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) appears in the course title.

**First day attendance rule:** any student who misses the first day without advance notice to the Department of English's chairperson may be administratively withdrawn from that course.

**Prerequisite policy:** courses must be taken in prerequisite order. Students will be administratively withdrawn from courses if grades of "C" or above are not earned in all prerequisites.

**Major Requirements**

**(3000 - 4000 LEVEL) (09 SEMESTER HOURS)**  
ENG 4013 3.0 G(W) Literary Inter

Select 2 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).

Select 1 American literary periodization

AML 3031	3.0	G(W) Per Ear Amer Lit
AML 3041	3.0	G(W) Per Late Am Lit

Select 1 British literary periodization

ENL 3501	3.0	G(W) Prds Ely Brt Lit
ENL 3503	3.0	G(W) Prds Ltr Brt Lit

**Major Electives**

**(18 SEMESTER HOURS)**

Select from categories below. At least two courses must be 4000 level (or may select two 4000 levels as lit electives below).

Select 1 course in literary type

AML 3102	3.0	G(W) Amer. Fiction
AML 3154	3.0	G(W) American Poetry
ENG 4105	3.0	Film As Literature
ENL 3112	3.0	G(W) British Novel I



ENL 3132	3.0 G(W) British Novel II
LIT 3043	3.0 G(W) Mod Contmp Drama
LIT 3331	3.0 G(W) Children's Lit
LIT 3333	3.0 G(W) Adol Lit
LIT 4041	3.0 Stdy In Drama
LIT 3045	3.0 Periods Of Drama Lit
LIT 4935	3.0 ST: G(W) Literary Thms

Select 1 literature in context

AML 3621	3.0 G(W) Black Amer. Lit.
AML 4225	3.0 Stud: 19th C Amer Lit
AML 4242	3.0 Stud: 20th C Amer Lit
CLT 4110	3.0 Clas Bckgrd West Lit
ENG 4905	3.0 Top: Crit/Intrp Lit
ENG 4930	3.0 Top: Crit/Intrp Lit
ENL 3333	3.0 Shakespeare
ENL 4220	3.0 Stud/Renaissance Lit
ENL 4230	3.0 Restrtn/18th Cen Lit
ENL 4240	3.0 English Romantic Lit
ENL 4251	3.0 Stdes Victorian Lit
LIT 3184	3.0 (FC)(W)G Irish Lit/C
LIT 3193	3.0 (FC)(G)W Lit Of East
LIT 3304	3.0 G(W) Lit/Pop.Am.Cult.
LIT 3408	3.0 Approach To Lit: Myth
LIT 3420	3.0 Appr To Lit: Psych
LIT 4083	3.0 Studies Modern Lit
LIT 4093	3.0 Contemporary Lit
LIT 4104	3.0 Studies: Medieval Lit
LIT 4186	3.0 Studies In Irish Lit
LIT 4243	3.0 Major Authors
LIT 4650	3.0 Comparative Lit
LIT 4931	3.0 Cultural Studies

Select 1 course in literary medium (composition, creative writing, linguistics)

LIN 3010	3.0 Prin Of Linguistics
LIN 4930	1-3 Sp Topics: Linguistic
CRW 3930	3.0 Spec Top: Creatve Wrt
CRW 4905	3.0 Tutorial: Creatve Wrt
ENC 3250	3.0 G(W) Prof Communic
ENC 3310	3.0 G(W) Writing Prose
ENC 3930	3.0 Top Theory/Prac: Comp
ENC 4930	3.0 Top Theory/Prac: Comp

Select 3 literature electives (3000/4000 level)

Two must be 4000 level if not satisfied in the above categories  
AML/CRW/ENC/ENG/ENL/LIT

**Required Capstone Experience (03 SEMESTER HOURS)**

Note: At least 4 literature courses are required prior to enrolling in the seminar course.

LIT 4934	3.0 Seminar In Literatur
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Note: At least 50% of the required literature courses must be taken at UNF.

**Required Minor**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

**Free Electives**

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

**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 620-2530.

**Major: English**

**Track: English-Drama**

**Degree: Bachelor of Arts**

**Prerequisites**

**(06 SEMESTER HOURS)**

Requires grades of "C" or above.

ENC 1101	3.0 G(W)College Writing
ENC 1102	3.0 G(W) Informed Writer
LIT 2000	3.0 G(W) Intro Literature
LIT 2932	3.0 G(W) Theme/Types Lit

Or any other Gordon writing course with prefix AML/CRW/ENC/ENG/ENL/LIT

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Requires grades of "C" or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule of courses booklet.

Select 1 Sequence

CHI 1120	4.0 Beginning Chinese I
CHI 1121	4.0 Beginning Chinese II
FRE 1120	4.0 Beginning French I
FRE 1121	4.0 Beginning French II
GER 1120	4.0 Beginning German I
GER 1121	4.0 Beginning German II
LAT 1120	4.0 Beginning Latin I
LAT 1121	4.0 Beginning Latin II
POR 1120	4.0 Begin Portuguese I
POR 1121	4.0 Begin Portuguese II
RUS 1120	4.0 Begin Russian I
RUS 1121	4.0 Begin Russian II
SPN 1120	4.0 Beginning Spanish I
SPN 1121	4.0 Beginning Spanish II
SPA 2612	4.0 American Sign Lang I
SPA 2613	4.0 Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied). See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD-(FC) in the course title.

**Major Requirements**

**(3000 - 4000 LEVEL) (21 SEMESTER HOURS)**

**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.

## Required Courses

ENG 4014	3.0	G(W) Literary Inter
LIT 3045	3.0	Periods Of Drama Lit
ENL 3333	3.0	Shakespeare
TPP 2100	3.0	Acting Workshop

## Select one British or American periodization course

AML 3031	3.0	G(W) Per Ear Amer Lit
AML 3041	3.0	G(W) Per Late Am Lit
ENL 3501	3.0	G(W) Prds Ely Brt Lit
ENL 3503	3.0	G(W) Prds Ltr Brt Lit

## Select 6-7 hours from the following production courses.

CRW 4424	4.0	Playwrights' Project
THE 4923	3.0	Play Production

THE 4923 may be repeated for a maximum of 12 hours.

## Major Electives

**(3000 - 4000 LEVEL) (09 SEMESTER HOURS)**

### Select one course in literary kind

LIT 3043	3.0	G(W) Mod Contmp Drama
LIT 4041	3.0	Stdy In Drama

### Select one course in literary medium

LIN 3010	3.0	Prin Of Linguistics
LIN 4930	1-3	Sp Topics: Linguistic
CRW 3930	3.0	Spec Top: Creatve Wrt
CRW 4905	3.0	Tutorial: Creatve Wrt
ENC 3250	3.0	G(W) Prof Communic
ENC 3310	3.0	G(W) Writing Prose
ENC 3930	3.0	Top Theory/Prac: Comp
ENC 4930	3.0	Top Theory/Prac: Comp

### Select one 4000-level literature elective

AML ENL LIT ENG

Note: At least 50% of the required literature courses must be taken at UNF

## Required Minor

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

## Free Electives

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

Note: Grades of C or better are required in all major and prerequisite courses.

\* 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.

## MINORS IN ENGLISH

### Minor: English Minor

**Minor Requirements (15 SEMESTER HOURS)**

#### Select One Course

ENL 3501	3.0	G(W) Prds Ely Brt Lit
ENL 3503	3.0	G(W) Prds Ltr Brt Lit

## Select One Course

AML 3031	3.0	G(W) Per Ear Amer Lit
AML 3041	3.0	G(W) Per Late Am Lit (3000 - 4000 LEVEL)

## Select three upper level courses with the following prefixes.

AML/ENL/CRW/ENG/LIT/ENC

### Conditions for the minor:

1. No more than 6 semester hours, or 2 courses of transfer credit may be used in the English minor.
2. No more than 6 semester hours, or 2 courses of lower-level credit may be used in the English minor.
3. A minimum of 9 semester hours, or 3 courses must be upper-level.
4. No course which fulfills a freshman composition requirement may be used in the English minor, even if the word "literature" in the title.
5. A grade of "C" or better is required for all minor courses.

### Minor: Drama Minor

#### Minor Requirements

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

LIT 3045	3.0	Periods Of Drama Lit
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#### Select 6-7 credit hours of production from the following

CRW 4424	4.0	Playwrights' Project
THE 4923	3.0	Play Production

(THE 4923 may be repeated for 6 hours of credit)

#### Select Two Courses:

LIT 3043	3.0	G(W) Mod Contemporary Drama
LIT 4041	3.0	Study In Drama
LIT 4243	3.0	Major Authors
ENL 3333	3.0	Shakespeare
TPP 2100	3.0	Acting Workshop

### Conditions for the minor

1. A grade of "C" or better is required for all minor courses.
2. No more than 6 semester hours, or 2 courses of transfer credit may be used in the English - drama minor.
3. Only 6 semester hours of lower level credit may be used.
4. A minimum of 9 semester hours must be upper level.

### Minor: Film Studies

#### Minor Requirements

**(15 SEMESTER HOURS)**

ENG 4013	3.0	G(W) Literary Inter
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#### Choose four from this list:

ENG 3132	3.0	G(W) Studies In Film
ENG 3603	3.0	G(W) American Film
ENG 4105	3.0	Film As Literature
HIS 3317	3.0	Hist In Photo/Film
ENG 4505	3.0	G(W) Intrntional Film

### Conditions for the minor

1. A grade of "C" or better is required in all minor courses.
2. Students will be required to complete all prerequisites needed for individual minor courses.

## 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 eighteen 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

620-2886

**Dale L. Clifford**, Associate Professor and Chair  
**David T. Courtwright**, John Delaney Presidential Professor

**James B. Crooks**, Professor Emeritus

**Elizabeth L. Furdell**, Professor

**Thomas M. Leonard**, Professor

**Theophilus C. Prousis**, Professor

**Daniel L. Schafer**, Professor

**J. Michael Francis**, Associate Professor

**Philip G. Kaplan**, Associate Professor

**Aaron Sheehan-Dean**, Associate Professor

**Carolyn L. Williams**, Associate Professor

**Denise Bossy**, Assistant Professor

**Alison Bruey**, Assistant Professor

**Charles E. Closmann**, Assistant Professor

**Chie Ikeya**, Assistant Professor

**N. Harry Rothschild**, Assistant Professor

**David L. Sheffler**, Assistant Professor

**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

#### Track: History

#### Degree: Bachelor of Arts

#### Prerequisites (06 SEMESTER HOURS)

Requires grades of "C" or above.

Two Intro. History Courses

AMH/ASH/EUH/HIS/LAH

#### Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Requires grades of "C" or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule of courses booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	3.0	American Sign Lang I
SPA 2613	3.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses in the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

#### Major Requirements

(3000 - 4000 LEVEL) (18 SEMESTER HOURS)

HIS 3051 3.0 G(W) Craft Of Histrn

1 U.S. History Course

AMH

1 European History

EUH

1 non-western or global history (Asia, Middle East, Africa)

AFH ASH ASN

2 (4000 Level) Seminars (4000 LEVEL)

AFH/AMH/EUH/ASN/ASH/HIS/LAH

HIS 3051 (Craft of History) must be completed with "C"

or above before taking 4000 level courses. Internships and independent study courses do not satisfy the 4000 level requirement. Important note: 4000 level seminar courses are offered only in the fall and spring semesters.

### Major Electives

**(3000 - 4000 LEVEL) (12 SEMESTER HOURS)**

4 courses from any area of history  
HIS AMH EUH ASH ASN LAH

### Required Minor (15 SEMESTER HOURS)

All minors require 15 hours. See catalog for list.

### Free Electives

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

**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 Minor

#### Minor Requirements

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

AMH ASH ASN EUH HIS LAH

#### Conditions for the minor:

1. No more than 3 semester hours, or 1 course carrying lower-level numbers may be used in the history minor.
2. A minimum of 12 semester hours, or 4 courses, must be upper-level.
3. A minimum of 6 semester hours, or 2 courses, must be taken at UNF.
4. 9 semester hours may be transferred towards the minor.
5. A grade of "C" or better is required for all minor courses.

**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 (e.g., East Asia or South Asia) or on a particular discipline (e.g., 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 Minor

#### Minor Requirements

**(15 SEMESTER HOURS)**

ASN 2003 3.0 CD-Intro To Asia

Select Four Courses.

ASH 3337	3.0	(FC) Gandhi/Modern India
ASH 3601	3.0	(FC) Chinese Philosophy
ASH 3400	3.0	CD(FC) 20c Chinese Civilization
ASH 3440	3.0	CD-(FC) Japan Civilization
ASH 3441	3.0	Japan Before 1868
ASH 3444	3.0	Japan After 1868
ASH 3448	3.0	(CD)FC-Hiroshima
ASH 3620	3.0	(FC) Asian Art/Culture
CPO 4930	3.0	The Pacific Rim
GEO 2420	3.0	CD-Cultural Geogrphy
HIS 4936	3.0	Seminars
JPN 1120	4.0	Beginning Japanese I
JPN 1121	4.0	Beginning Japanese II
LIT 3193	3.0	(FC)(G)W Lit Of East
PHH 3860	3.0	(FC) Japanese Mind
PHH 3820	3.0	(FC) Chinese Philosophy
PHH 3811	3.0	Philosophy/Zen Buddhism
MAN 4600	3.0	Man International Bus
SYP 4351	3.0	Soc Move/Soc Change

#### Conditions for the minor:

1. A minimum of six hours must be taken at UNF.
2. No more than 6 semester hours, or 2 courses of lower-level course work may be used in the minor.
3. A grade of "C" or better is required in all minor courses.

**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 Minor

#### Minor Requirements

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Select one course

EUH 3403	3.0	(FC) Ancient Greece
EUH 3411	3.0	(FC) Ancient Rome
(EUH 3403 and EUH 3411 may only be used once in the minor). Select four courses of which 3 must be taken with different prefixes: (ARH, CLT, FOL, HIS, PHH)		
ARH 3170	3.0	Classical Greek-Roman Art
CLT 4110	3.0	Classical Backgroud West Lit

EUH 3403	3.0 (FC) Ancient Greece
EUH 3411	3.0 (FC) Ancient Rome
LAT 1120	4.0 Beginning Latin I
LAT 1121	4.0 Beginning Latin II
PHH 3100	3.0 Ancient Philosophy
PHH 3120	3.0 (FC) Greek Experience

Students may also select special topics courses approved by the classical civilization faculty to meet the above requirement.

**Conditions for minor:**

1. Nine credit hours must be taken at UNF.
2. Nine credit hours must be upper level (3000/4000)
3. A grade of C or better is required for all minor courses.

**Department of Mathematics and Statistics  
620-2653**

**Scott H. Hochwald**, Associate Professor and Chair

**Denis R. Bell**, Professor

**Donna L. Mohr**, Professor

**Ping Sa**, Professor

**Pali Sen**, Professor and Graduate Director

**Jingcheng Tong**, Professor

**Faiz Al-Rubae**, Associate Professor

**Adel N. Boules**, Associate Professor

**Peter A. Braza**, Associate Professor and  
Associate Dean of the College of Arts and Sciences

**Michelle DeDeo**, Associate Professor

**Daniel Dreibelbis**, Associate Professor and  
Undergraduate Director

**Champak D. Panchal**, Associate Professor

**Richard Patterson**, Associate Professor

**Rama M. Rao**, Associate Professor

**Peter Wludyka**, Associate Professor

**Mei-Qin Zhan**, Associate Professor

**Elena Buzaianu**, Assistant Professor

**Ralua Dimitra**, 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

**Junn MacLinnes**, Instructor

**Luminitu Rutaila**, Instructor

**Debora Simonson**, Instructor

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 semester hours.**

**THE BACHELOR OF ARTS PROGRAM**

**Major: Mathematics**

**Track: Mathematics - BA Degree**

**Degree: Bachelor of Arts**

**Prerequisites (23 SEMESTER HOURS)**

Requires grades of "C" or above.

MAC 2311	4.0	G(M)	Calculus I
MAC 2312	4.0	G(M)	Calculus II
MAC 2313	4.0	G(M)	Calculus III

One Scientific Computer Programming Course

Department recommends a computer programming language course in PASCAL, FORTRAN, C, C+, C++  
COP

Two laboratory-based science courses designed for science majors

BSC CHM PHY

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II

SPA 2612 4.0 American Sign Lang I  
SPA 2613 4.0 Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

### Major Requirements (21 SEMESTER HOURS)

Grades of "C" or above required in all major courses.

Note: All transfer courses require prior approval of department chairperson.

MAP 2302 3.0 G(M) Ord Diff Equatns

Prereq: MAC 2312

MHF 3202 3.0 G(M) Foundatn Of Math

Prereq: MAC 2312

MAS 3105 4.0 G(M) Linear Algebra

Prereq: MAC 2312

MAA 4211 4.0 G(M) Adv Calculus I

Prereqs: MAC 2313, MAS 3105 and MHF 3202

MAA 4212 3.0 G(M) Adv Calculus II

Prereq: MAA 4212

MAS 4301 4.0 G(M) Abstract Algebra

Prereqs: MAS 3105 and MHF 3202

The math department recommends MAA 4211, MAA 4212 and MAS 4301 be taken in the senior year.

### Required Contextual (S) (04 SEMESTER HOURS)

STA 4321 4.0 G(M) Prob & Statistics

Prereq: MAC 2312

### Major Electives

(3000 - 4000 LEVEL) (09 SEMESTER HOURS)

Select 3 courses from the following approved list

MAA 4402 3.0 G(M) Complex Anal.

Prereq: MAC 2313

MAD 3107 3.0 G(M) Discrete Math

Prereq: MAC 2312

MAD 4401 3.0 G(M) Numerical Analys

Prereqs: MAC 2313, MAP 2302 and MAS 3105

MAP 4231 3.0 G(M) Opera Research

Prereqs: MAS 3105 and STA 4231

MAP 4341 3.0 Elem. Part. Diff/Eq.

Prereqs: MAP 2302 and MAC 2313

MAS 3203 3.0 G(M) Number Theory

Prereq: MAC 2312

MAS 4156 3.0 Vector Analysis

Prereq: MAC 2313

MHF 3404 3.0 G(M) Histy Mathmtic

Prereq: MAC 2312

MTG 3212 3.0 G(M) Modern Geometry

Prereq: MHF 3202

MTG 4302 3.0 G(M) Elemtry Topology

Prereqs: MAC 2313 and MHF 3202

STA 4445 3.0 G(M) Probabltly Models

Prereqs: STA 4321 and MAS 3105

### Required Capstone Experience (02 SEMESTER HOURS)

MAS 4932 2.0 Math Capstone

Prereq: senior standing and permission of department.

Graduation requirement: students must maintain a portfolio according to department guidelines and submit it to their capstone professor.

### Required Minor

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

Minors require 15 hours. Refer to catalog for approved list.

### Free Electives

(3000 - 4000 LEVEL) (01 SEMESTER HOURS)

\* 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.

### Major: Statistics

Track: Statistics - BA Degree

Degree: Bachelor of Arts

### Prerequisites

(15 SEMESTER HOURS)

Required Courses

MAC 2311 4.0 G(M) Calculus I

MAC 2312 4.0 G(M) Calculus II

One Scientific Computer Programming Course

Department recommends a computer programming language course in PASCAL, FORTRAN, C, C+, or C++  
COP

One laboratory-based science course designed for science majors

BSC CHM PHY

### Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line course schedule booklet.

Select 1 Sequence

CHI 1120 4.0 Beginning Chinese I

CHI 1121 4.0 Beginning Chinese II

FRE 1120 4.0 Beginning French I

FRE 1121 4.0 Beginning French II

GER 1120 4.0 Beginning German I

GER 1121 4.0 Beginning German II

LAT 1120 4.0 Beginning Latin I

LAT 1121 4.0 Beginning Latin II

POR 1120 4.0 Begin Portuguese I

POR 1121 4.0 Begin Portuguese II

RUS 1120 4.0 Begin Russian I

RUS 1121 4.0 Begin Russian II

SPN 1120 4.0 Beginning Spanish I

SPN 1121 4.0 Beginning Spanish II

SPA 2612 4.0 American Sign Lang I

SPA 2613 4.0 Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses in schedule of courses booklet. May not include cultural diversity courses unless CD(FC) in the course title.

### Major Requirements (22 SEMESTER HOURS)

Grades of "C" or above required in all major courses.

Note: All transfer courses require prior approval of department chairperson.

- MAC 2313 4.0 G(M) Calculus III  
Prereq: MAC 2312
- MAS 3105 4.0 G(M) Linear Algebra  
Prereq: MAC 2312
- STA 4321 4.0 G(M) Prob & Statistics  
Prereq: MAC 2312
- STA 3163 4.0 G(M) Stat Methods I  
Prereq: STA 2014 or STA 2023 or STA 4321
- STA 3164 3.0 G(M) Stat Methods II  
Prereq: STA 3163
- STA 4322 3.0 G(M) Statistical Theo  
Prereqs: MAC 2313 and STA 4321

### Major Electives

(3000 - 4000 LEVEL) (12 SEMESTER HOURS)

Select 4 courses from the following approved list

- MAA 4211 4.0 G(M) Adv Calculus I  
Prereqs: MAC 3105 and MHF 3202
- MAA 4212 3.0 G(M) Adv Calculus II  
Prereq: MAA 4211
- MHF 3202 3.0 G(M) Foundatn Of Math  
Prereq: MAC 2312
- MAP 4231 3.0 G(M) Opera Research  
Prereq: MAS 3105 and STA 4321
- STA 4202 3.0 G(M) Dsgn Of Expermnt  
Prereq: STA 4321 or STA 2014 or STA 2023
- STA 4222 3.0 G(M)Dsgn/Sample Sur  
Prereq: STA 4321 or STA 2014 or STA 2023
- STA 4664 3.0 Statcl Quality Cntrl  
Prereq: STA 4321 or STA 2014 or STA 2023
- STA 4445 3.0 G(M) Probablty Models  
Prereqs: STA 4321 and MAS 3105
- STA 4502 3.0 Non-prmtc Meth: Stats  
Prereqs: STA 4321 or STA 2014 or STA 2023

### Required Capstone Experience (02 SEMESTER HOURS)

- STA 4945 2.0 Statistics Capstone  
Prereq: senior standing and permission of the dept

Graduation requirement: students must maintain a portfolio according to department guidelines and submit it to their capstone professor.

### Required Minor

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

Minors require 15 hours. Refer to catalog for approved list.

### Free Electives

(3000 - 4000 LEVEL) (01 SEMESTER HOURS)

\* 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.

## THE BACHELOR OF SCIENCE PROGRAM

### Major: Mathematics

Track: Mathematics - BS Degree

Degree: Bachelor of Science

### Prerequisites (23 SEMESTER HOURS)

Requires grades of "C" or above.

- MAC 2311 4.0 G(M) Calculus I
- MAC 2312 4.0 G(M) Calculus II
- MAC 2313 4.0 G(M) Calculus III

One Scientific Computer Programming Course

Department recommends a computer programming language course in PASCAL, FORTRAN, C, C+, C++  
COP

Two laboratory based science courses designed for science majors

BSC CHM PHY

### Major Requirements (21 SEMESTER HOURS)

Grades of "C" or above required in all major courses.

Note: All transfer courses require prior approval of department chairperson.

- MAP 2302 3.0 G(M) Ord Diff Equatns  
Prereq: MAC 2312
- MHF 3202 3.0 G(M) Foundatn Of Math  
Prereq: MAC 2312
- MAS 3105 4.0 G(M) Linear Algebra  
Prereq: MAC 2312
- MAA 4211 4.0 G(M) Adv Calculus I  
Prereqs: MAC 2313, MAS 3105 and MHF 3202
- MAA 4212 3.0 G(M) Adv Calculus II  
Prereq: MAA 4211
- MAS 4301 4.0 G(M) Abstract Algebra  
Prereqs: MAS 3105 and MHF 3202

The Math Department recommends that MAA 4211, MAA 4212 and MAS 4203 be taken in the senior year. Are recommended prior to taking MAA 4211.

### Required Contextual (S) (04 SEMESTER HOURS)

- STA 4321 4.0 G(M) Prob & Statistics  
Prereq: MAC 2312

### Major Electives

(3000 - 4000 LEVEL) (12 SEMESTER HOURS)

Select 4 courses from the following approved list

- MAA 4402 3.0 G(M) Complex Anal.  
Prereq: MAC 2313
- MAD 3107 3.0 G(M) Discrete Math  
Prereq: MAC 2312

MAD 4401 3.0 G(M) Numerical Analysis  
Prereqs: MAC 2313, MAP 2302 and MAS 3105

MAP 4231 3.0 G(M) Opera Research  
Prereqs: MAS 3105 and STA 4321

MAP 4341 3.0 Elem. Part. Diff/Eq.  
Prereq: MAP 2302 and MAC 2313

MAS 3203 3.0 G(M) Number Theory  
Prereq: MAC 2312

MAS 4156 3.0 Vector Analysis  
Prereq: MAC 2313

MHF 3404 3.0 G(M) Histry Mathmtic  
Prereq: MAC 2312

MTG 3212 3.0 G(M) Modern Geometry  
Prereq: MHF 3202

MTG 4302 3.0 G(M) Elemtry Topology  
Prereqs: MAC 2313 and MHF 3202

STA 4445 3.0 G(M) Probablty Models  
Prereqs: STA 4321 and MAS 3105

**Required Capstone Experience (02 SEMESTER HOURS)**

MAS 4932 2.0 Math Capstone  
Prereq: senior standing and permission of the dept

Graduation requirement: students must maintain a portfolio according to department guidelines and submit it to their capstone professor.

**Required Minor**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Minor courses may be only from the approved minors list for B.S. Students. The hours vary depending on the minor selected. See catalog for list.

**Free Electives**

**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

\* 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.

**Major: Statistics**

**Track: Statistics - BS Degree**

**Degree: Bachelor of Science**

**Prerequisites (15 SEMESTER HOURS)**

MAC 2311 4.0 G(M) Calculus I  
MAC 2312 4.0 G(M) Calculus II

One Scientific Computer Course

The department recommends a computer programming language course in PASCAL, FORTRAN, C, C+, or C++  
COP

One laboratory-based science course for science majors  
BSC CHM PHY

**Major Requirements (22 SEMESTER HOURS)**

Grades of "C" or above required in all major courses.

Note: All transfer courses require prior approval of department chairperson.

MAC 2313 4.0 G(M) Calculus III  
Prereq: MAC 2312

MAS 3105 4.0 G(M) Linear Algebra  
Prereq: MAC 2312

STA 4321 4.0 G(M) Prob & Statistcs  
Prereq: MAC 2312

STA 3163 4.0 G(M) Stat Methods I  
Prereq: STA 2014 or STA 2023 or STA 4321

STA 3164 3.0 G(M) Stat Methods II  
Prereq: STA 3163

STA 4322 3.0 G(M) Statistical Theo  
Prereqs: MAC 2313 and STA 4321

**Major Electives**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Select 5 courses from the following approved list

MAA 4211 4.0 G(M) Adv Calculus I  
Prereq: MAS 3105 and MHF 3202

MAA 4212 3.0 G(M) Adv Calculus II  
Prereq: MAA 4212

MAP 4231 3.0 G(M) Opera Research  
Prereq: MAS 3105 and STA 4321

MHF 3202 3.0 G(M) Foundatn Of Math  
Prereq: MAC 2312

STA 4202 3.0 G(M)Dsgn Of Expermnt  
Prereq: STA 4321 or STA 2014 or STA 2023

STA 4222 3.0 G(M)Dsgn/Sample Sur  
Prereq: STA 4321 or STA 2014 or STA 2023

STA 4504 3.0 G(M) Catgorcal Data  
Prereq: STA 2024 or STA 2023

STA 4664 3.0 Statcl Quality Cntrl  
Prereq: STA 4321 or STA 2014 or STA 2023

STA 4445 3.0 G(M) Probablty Models  
Prereqs: STA 4321 and MAS 3105

STA 4502 3.0 Non-Prmtc Meth:Stats  
Prereqs: STA 4321 or STA 2014 or STA 2023

**Required Capstone Experience (02 SEMESTER HOURS)**

STA 4945 2.0 Statistics Capstone  
Prereq: senior standing and permission of the dept

Graduation requirement: students must maintain a portfolio according to department guidelines and submit it to their capstone professor.

**Required Minor**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Minor must be chosen from approved list for BS students. The hours vary depending on the minor. See catalog for list.

**Free Electives**

**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

\* 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.



## 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: Mathematics Minor

#### Minor Prerequisites (11 SEMESTER HOURS)

MAC 2311 4.0 G(M) Calculus I  
MAC 2312 4.0 G(M) Calculus II  
MAP 2302 3.0 G(M) Ord Diff Equatns  
Prereq: MAC 2312

#### Minor Requirements (15 SEMESTER HOURS)

MAC 2313 4.0 G(M) Calculus III  
Prereq: MAC 2312  
MAS 3105 4.0 G(M) Linear Algebra  
Prereq: MAC 2312

Select 6-8 hours

MAA 4211 4.0 G(M) Adv Calculus I  
Prereq: MAC 2313, MAS 3105 and MHF 3202  
MAA 4212 3.0 G(M) Adv Calculus II  
Prereq: MAC 4211  
MAA 4402 3.0 G(M) Complex Anal.  
Prereq: MAC 2312  
MAD 3107 3.0 G(M) Discrete Math  
Prereq: MAC 2312  
MAD 4401 3.0 G(M) Numerical Analys  
Prereq: MAC 2313, MAP 2302 and MAS 3105  
MAP 4231 3.0 G(M) Opera Research  
Prereq: MAC 3105 and STA 4321  
MAP 4341 3.0 Elem. Part. Diff/Eq.  
Prereqs: MAC 2313 and MAP 2302  
MAS 3203 3.0 G(M) Number Theory  
Prereq: MAC 2312  
MAS 4156 3.0 Vector Analysis  
Prereqs: MAC 2313  
MAS 4301 4.0 G(M) Abstract Algebra  
Prereqs: MAC 2313, MAS 3105 and MHF 3202  
MHF 3202 3.0 G(M) Foundatn Of Math  
Prereqs: MAC 2312  
MHF 3404 3.0 G(M) Histy Mathmtic  
Prereqs: MAC 2312  
MTG 3212 3.0 G(M) Modern Geometry  
Prereq: MHF 3202  
MTG 4302 3.0 G(M) Elemtry Topology  
Prereqs: MAC 2313 and MHF 3202  
STA 4321 4.0 G(M) Prob & Statistics  
Prereq: MAC 2313  
STA 4445 3.0 G(M) Probablty Models  
Prereqs: MAS 3105 and STA 4321

#### Conditions for the minor:

1. Students may transfer in Calculus II and Ordinary Differential Equations as part of the minor courses.
2. A grade of "C" or better is required for all minor courses and prerequisites.

### Minor: Mathematics Minor for BA Statistics Majors

#### Minor Requirements (15 SEMESTER HOURS)

MAP 2302 3.0 G(M) Ord Diff Equatns  
MAD 4401 3.0 G(M) Numerical Analys  
Select 3 math electives from the mathematics major electives list  
MAA/MAC/MAD/MAP/MAS/MAT/MHF/MTG

#### Conditions for the minor:

1. Courses used for the major cannot count in the minor.
2. A grade of "C" or better is required for all courses in the minor.

### Minor: Statistics Minor

#### Prerequisites (03 SEMESTER HOURS)

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.

Select 1 Course From:

STA 2014 3.0 G(M)Elem Sta-Hlth/SS  
STA 2023 3.0 G(M)Elem Stats-Bus

#### Minor Requirements (16 SEMESTER HOURS)

STA 3163 4.0 G(M) Stat Methods I  
Prereq: MAC 1105 or MAC 1147  
STA 3164 3.0 G(M) Stat Methods II  
Prereq: STA 3163  
Select three courses  
MAP 4231 3.0 G(M) Opera Research  
Prereq: MAS 3105 and STA 4321  
STA 4202 3.0 G(M)Dsgn Of Expermnt  
Prereq: STA 2014, STA 2023, STA 3163 or STA 4321  
STA 4222 3.0 G(M)Dsgn/Sample Sur  
Prereq: STA 2014, STA 2023, STA 3163 or STA 4321  
STA 4321 4.0 G(M) Prob & Statistics  
Prereq: MAC 2312  
STA 4322 3.0 G(M) Statistical Theo  
Prereq: MAC 2313 and STA 4321  
STA 4445 3.0 G(M) Probablty Models  
Prereqs: STA 4321 and MAS 3105  
STA 4502 3.0 Non-Prmtc Meth:Stats  
Prereqs: STA 2014, STA 2023, STA 3163 or STA 4321  
STA 4664 3.0 Statcl Quality Cntrl  
Prereqs: STA 2014, STA 2023, STA 3163 or STA 4321

#### Conditions for the minor:

1. A grade of "C" or better is required for all minor courses.

### Minor: Applied Statistics Minor

#### Prerequisites (03 SEMESTER HOURS)

Select 1 Course From:

STA 2014 3.0 G(M)Elem Sta-Hlth/SS  
STA 2023 3.0 G(M)Elem Stats-Bus

#### Minor Requirements (16 SEMESTER HOURS)

STA 3163 4.0 G(M) Stat Methods I  
Prereq: MAC 1105 or MAC 1147  
STA 3164 3.0 G(M) Stat Methods II  
Prereq: STA 3163

Select three courses

STA 4202	3.0	G(M)Dsgn Of Expermnt	Prereq: STA 2014, STA 2023, STA 3163 or STA 4321
STA 4222	3.0	G(M)Dsgn/Sample Sur	Prereq: STA 2014, STA 2023, STA 3163 or STA 4321
STA 4502	3.0	Non-Prmtc Meth:Stats	Prereqs: STA 2014, STA 202, STA 3163 or STA 4321
STA 4504	3.0	G(M) Catgorcal Data	Prereqs: STA 2014, STA 2023, STA 3163 or STA 2023
STA 4664	3.0	Statcl Quality Cntrl	Prereqs: STA 2014, STA 2023, STA 3163 or STA 4321
STA 4906	1-3	Dir Indiv Study	Prereq: departmental approval
STA 4930	1-3	Spec Top: Statistics	Prereq: departmental approval

**Conditions for the minor:**

1. A grade of "C" or better is required for all minor courses.
2. Requests for transfer courses must be approved by the department chairperson.

## APPROVED MINORS FOR BS STUDENTS IN MATHEMATICS AND STATISTICS

BS 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: Mathematics Minor For BS Statistics Majors

#### Minor Requirements (15 SEMESTER HOURS)

MAP 2302	3.0	G(M) Ord Diff Equatns
MAD 4401	3.0	G(M) Numerical Analys

Select 3 From Below

MAA 4211	4.0	G(M) Adv Calculus I
MAA 4212	3.0	G(M) Adv Calculus II
MAA 4402	3.0	G(M) Complex Anal.
MAD 3107	3.0	G(M) Discrete Math
MAD 4401	3.0	G(M) Numerical Analys
MAS 3203	3.0	G(M) Number Theory
MAS 4156	3.0	Vector Analysis
MAS 4301	4.0	G(M) Abstract Algebra
MHF 3202	3.0	G(M) Foundatn Of Math
MHF 3404	3.0	G(M) Histy Mathmtic
MTG 3212	3.0	G(M) Modern Geometry
MTG 4302	3.0	G(M) Elemtry Topology
STA 4445	3.0	G(M) Probabltly Models
MAP 4231	3.0	G(M) Opera Research

**Conditions for the minor:**

1. Courses used for the major cannot count in the minor.
2. A grade of "C" or better is required for all courses in the minor.

### Minor: Statistics Minor For BS Mathematics Majors

#### Minor Requirements (16 SEMESTER HOURS)

STA 3163	4.0	G(M) Stat Methods I
STA 3164	3.0	G(M) Stat Methods II

Select 3 Statistics Electives (3000 - 4000 LEVEL)

MAP 4231	3.0	G(M) Opera Research	Prereq: MAS 3105 and STA 4321
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STA 4202	3.0	G(M)Dsgn Of Expermnt	Prereq: STA 2014 or STA 2023 and STA 4321
STA 4222	3.0	G(M)Dsgn/Sample Sur	Prereq: STA 2014 or STA 2023 and STA 4321
STA 4322	3.0	G(M) Statistical Theo	Prereq: STA 4321 and MAC 2312
STA 4445	3.0	G(M) Probabltly Models	Prereq: STA 4321 and MAS 3105
STA 4502	3.0	Non-Prmtc Meth:Stats	Prereq: STA 4321 and STA 2014 or STA 2023
STA 4664	3.0	Statcl Quality Cntrl	Prereq: STA 4321 and STA 2014 or STA 2023

**Conditions for the minor:**

1. A grade of "C" or better is required for all minor courses.
2. Courses used in the major may not double count in the minor.

### Minor: Business Administration Minor For BS Mathematics/Statistics

#### Minor Prerequisites (18 SEMESTER HOURS)

ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics
ACG 2021	3.0	Prin Financial Acc
ACG 2071	3.0	Prin Managerial Acc
CGS 1100	3.0	Cmptr App For Bus
STA 2023	3.0	G(M)Elem Stats-Bus

#### Minor Requirements (12 SEMESTER HOURS)

FIN 3403	3.0	Financial Management
MAN 3025	3.0	Adminis Management
MAR 3023	3.0	Prin Of Marketing
BUL 3130	3.0	Legal Environ Of Bus

**Conditions for the minors:**

1. A grade of "C" is required for all minor courses.
2. At least 12 semester hours of upper level course work must be completed at UNF.
3. Students wishing to minor in business administration must adhere to the college's continuous enrollment policy stated in the UNF catalog.
4. The College of Business Administration requires students to repeat courses which are five years or older.

### Minor: Computer Science Minor For BS Mathematics/Statistics

#### Minor Prerequisites (07 SEMESTER HOURS)

MAC 2311	4.0	G(M) Calculus I
COP 2220	3.0	Computer Science I

#### Minor Requirements (12 SEMESTER HOURS)

Select 4 courses for a minimum of 12 hours from:

CAP 4630	3.0	Intro Artfcl Intlgn	
CAP 4660 C	4.0	AI Robotics	
CAP 4710	3.0	Computer Graphics	
CAP 4770	3.0	Data Mining	
CDA 3101	4.0	Intro Comp Hardware	
CDA 4102	3.0	Intro Cmptr Archtctr	Corequisite: CDA 4102 must be taken with CDA 4102L.
CDA 4102 L	1.0	Intro Cmptr Arch Lab	
CDA 4503	3.0	Comp Netwks/Dist Prc	
CIS 4251	3.0	Software Development	

COP 3601	4.0	Intro Sys Software
COP 4300	3.0	Discrete Sys Mod/Sim
COP 4610	3.0	Operating Systems
COP 4620	4.0	Const Lang Transltr
COP 4710	3.0	Data Modeling
COP 4813	3.0	Internet Programming
COT 3210	3.0	Computability/Automata
COT 4400	3.0	Analysis Algorithms
COT 4560	3.0	Apld Grph Thry

Note: Other qualifying elective courses may be offered as special topics. See CIS department for list of approved courses.

**Conditions for the minor:**

1. A grade of "C" is required in all minor courses.
2. At least 14 hours of upper level course work in the minor must be taken at UNF.
3. As of spring 2002, a "one repeat" rule will be enforced. Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP or WF will have only one chance to repeat the course.

**Minor: Economics Minor For BS Math/Statistics**

**Minor Prerequisites (06 SEMESTER HOURS)**

ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics

**Minor Requirements (15 SEMESTER HOURS)**

ECO 3101	3.0	Inter Microeconomics
ECO 3203	3.0	Inter Macroeconomics

Select 3 Courses From:

ECO ECP GEO

**Conditions for the minor:**

1. A grade of "C" or better is required in all courses for the minor in economics, including prerequisites.
2. At least 6 hours of upper level course work in economics must be completed at UNF.
3. No lower level courses may be used for required courses in economics without written approval of the Department of Economics chairperson.
4. The College of Business Administration requires students to repeat older courses (consult a business advisor for policy information).

**Minor: Biology Minor For BS Math/Statistics**

**Minor Requirements**

**(3000 - 4000 LEVEL) (18 SEMESTER HOURS)**

See UNF catalog for specific prerequisites for biology courses.

BCH BOT BSC MCB OCB OCE PCB ZOO

**Conditions for the minor:**

1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average of 2.5 is required.
3. All 15 semester hours must be upper-level course work.

**Minor: Chemistry Minor For BS Math/Statistics**

**Minor Requirements (21 SEMESTER HOURS)**

CHM 2045 C	4.0	Gen Chemistry I
CHM 2046 C	4.0	Gen Chemistry II
CHM 3120 C	4.0	Quant Analytical Chem

Select Nine Hours (Or More)

BCH 4033	3.0	Biochemistry
BCH 4033 L	1.0	Biochemistry Lab
CHM 3610 C	4.0	Inorganic Chemistry

CHM 4130 C	5.0	Mod Analytical Chem
CHM 4260 C	4.0	Adv Organic Chem
CHM 4410 C	4.0	Physical Chemistry I
CHM 4910	2-4	Chemical Research
CHM 4931	1.0	Chemistry Sr Seminar
CHS 4610	3.0	Environmental Chem
CHS 4610 L	1.0	Envir Chemistry Lab

**Conditions for the minor:**

1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average of 2.5 is required.

**Minor: Physics Minor For BS Math/Statistics Major**

**Minor Requirements (21 SEMESTER HOURS)**

PHY 2048	4.0	Calculus Physics I
PHY 2048 L	1.0	Calc Physics I Lab
PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab
PHY 3101	3.0	Modern Physics
PHY 3101 L	1.0	Modern Physics Lab

Select Three Courses

PHY 3220	4.0	Classical Mechanics
PHY 3320	4.0	Electricity/Magnetism
PHY 3424	3.0	Optics
PHY 3722 C	4.0	Electron For Scien
PHY 4523	3.0	Thermo And Stat Mech
PHY 4905	2-4	DIS - Physics
PHY 4604	4.0	Quantum Mechanics
PHY 4930	1-4	Spec Top: Physics
PHZ 3404	3.0	Solid State Physics
PHZ 3113	3.0	Mathematical Physics
PHZ 4303	3.0	Nuclear Physics

**Conditions for the minor:**

1. All courses required for the minor may be transferred with prior approval of the department chairperson.
2. A cumulative average if 2.5 is required.

## Department of Music 620-2960

**Gordon Brock**, Associate Professor and Chair  
**Vernice Green**, Professor and Director of Jazz Studies  
**Charlotte Mabrey**, Professor  
**Gary Smart**, Professor and Terry Presidential Professor  
**Marcus Dickman**, Associate Professor  
**Barry R. Greene**, Associate Professor  
**James B. Scott**, Associate Professor  
**Simon Shiao**, Associate Professor  
**Lynn Arriale**, Assistant Professor  
**Krzysztof Biernacki**, Assistant Professor  
**James Nixon Curry**, Assistant Professor  
**Daniel R. Gottlieb**, Assistant Professor  
**Dennis J. Marks**, Assistant Professor  
**Eric Richards**, Assistant Professor  
**Cara S. Tasher**, Assistant Professor  
**Randall C. Tinnin**, Assistant Professor  
**Guy Yehuda**, Assistant Professor

### 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 Eminent Scholar Chair in American Music which provides a strong focus on jazz.

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 to prepare music majors for careers as performers, teachers, composers, arrangers, and professionals in the music industry and supporting fields. A key aspect of our mission is the artistic enrichment of the lives of all UNF students and faculty, community, state, and nation.

The Department of Music is accredited by the National Association of Schools of Music.

The faculty is comprised of artist-performers who are cognizant of the sociological and philosophical significance of the arts in American life and culture.

The music program leads to the B.A. degree, B.M. degree, or the B.A.E. degree. Before being accepted as a music major, students entering the program at any level must take a performance audition. Piano proficiency exams and theory placement tests will be given at 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 Jazz Studies
- Bachelor of Music in Performance

With tracks in:

Piano  
Strings  
Voice  
Woodwinds, Brass, Percussion

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](http://www.unf.edu/coas/music).

### BAE 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 music education should consult with an advisor in the College of Education and Human Services, and be admitted to the Department of Music through audition.

### Major: Music Jazz Studies

#### Track: Jazz Studies

#### Degree: Bachelor of Music in Jazz Studies

**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.**

**Prerequisites (28 SEMESTER HOURS)**

Requires grades of "C" or above.

**Theory**

MUT 1111	3.0	Theory I
MUT 1241	1.0	Theory I, Aural
MUT 1112	3.0	Theory II
MUT 1242	1.0	Theory II, Aural
MUT 2116	3.0	Theory III
MUT 2246	1.0	Aural Theory Adv
MUT 2117	3.0	Theory IV
MUT 2247	1.0	Aural Theory Adv

MUT 1121/2 & MUT 2126/7 may be substituted for MUT 1111/2 & MUT 2116/7. MUT 1221/2 & MUT 2226/7 or MUT 1261/2 & MUT 2266/7 or MUT 1271/2 & MUT 2276/7 may be substituted for MUT 1241/2 & MUT 2246/7.

Select four applied music courses (specific to the major instrument) 2 must be 1000 level & 2 must be 2000 level.

Select 2 MVX 1x1x (1000 LEVEL)

MVB MVK MVP MVV MVJ MVS MVW

Select 2 MVX 2x2x (2000 LEVEL)

MVB MVK MVP MVV MVJ MVS MVW

Select Four Ensembles

Jazz guitar majors take only 2 jazz ensembles and 6 jazz guitar ensembles.

Wind ensemble will exist as an additional option for an ensemble requirement.

MUN 2710	1.0	Jazz Ensemble-Low Level
MUN 2710	1.0	Jazz Ensemble-Low Level
MUN 2710	1.0	Jazz Ensemble-Low Level
MUN 2710	1.0	Jazz Ensemble-Low Level

Or Any 4 MUN Courses

MUN

4 Performance Labs

MUS 1010	0.0	Performance Lab
MUS 1010	0.0	Performance Lab
MUS 1010	0.0	Performance Lab
MUS 1010	0.0	Performance Lab

4 Concert Attendance

MUS 1011	0.0	Concert Attendance
MUS 1011	0.0	Concert Attendance

MUS 1011 0.0 Concert Attendance

MUS 1011 0.0 Concert Attendance

**Foundation (04 SEMESTER HOURS)****Class Piano**

Students may demonstrate piano proficiency or take the class piano sequence listed below.

MVJ 1010	1.0	Jazz Piano I
Coreq: MUT 1361		
MVJ 1210	1.0	Jazz Piano II
Prereq: MVJ 1010, MUT 1361; Coreq: MUT 1362		
MVK 2121	1.0	Class Piano III
MVK 2122	1.0	Class Piano IV

MVK 1111r(2x) & MVK 2121r(2x), MVK 1211 & MVK 2221 may be substituted for MVK 1111/2 & MVK 2121/2.

**Core Requirements (18 SEMESTER HOURS)**

MUH 3211	3.0	Music History I
Prereqs: Theory I-IV		
MUH 3212	3.0	Music History II
Prereqs: Theory I-IV		

MUS 4970 Senior Recital

4 Applied Musics (3000 - 4000 LEVEL)  
2 must be 3000 level & 2 must be 4000 level  
MVB/MVK/MVP/MVV/MVJ/MVS

2 Jazz Ensemble (3000 - 4000 LEVEL)

MUN 3713	1.0	Jazz Ensemble
MUN 3713	1.0	Jazz Ensemble

4 Performance Labs

MUS 1010	0.0	Performance Lab
MUS 1010	0.0	Performance Lab
MUS 1010	0.0	Performance Lab
MUS 1010	0.0	Performance Lab

4 Concert Attendance

Mus 1011	0.0	Concert Attendance
Mus 1011	0.0	Concert Attendance
Mus 1011	0.0	Concert Attendance
Mus 1011	0.0	Concert Attendance

2 Concert Band/Wind Ensemble

MUN 3123	1.0	Concert Band (Upper)
MUN 3123	1.0	Concert Band (Upper)

Or

MUN 3143	1.0	UNF Wind Ensbl (Upper)
MUN 3143	1.0	UNF Wind Ensbl (Upper)

**Major Requirements (28 SEMESTER HOURS)**

MUG 3104	2.0	Basic Conducting
MUS 3340	2.0	Computer Midi Score
MUT 1361	2.0	Jazz Fundamentals I
MUT 1362	2.0	Jazz Fundamentals II
Prereq: MUT 1361		

- MUT 2641 2.0 Jazz Improvisation I  
Prereqs: MUT 1361 and MUT 1362
- MUT 2642 2.0 Jazz Improvisation II  
Prereqs: grade of B or above in MUT 2641
- MUT 4365 3.0 Jazz Arranging I  
Prereqs: grade of B or above in MUT 1361 and MUT 1362
- MUT 4366 3.0 Jazz Arranging II  
Prereq: MUT 4365
- MUT 4663 2.0 Jazz Styles/Analy I  
Prereqs: grade of B or above in MUT 1361 and MUT 1362
- MUT 4664 2.0 Jazz Styles/Ana II  
Prereq: MUT 4663 or permission of faculty
- MUN 4714 1.0 Jazz Combo (Sml Grp)  
Coreq: must be taken concurrently with applied lessons
- MUN 4714 1.0 Jazz Combo (Sml Grp)  
Coreq: must be taken concurrently with applied lessons
- MUT 3643 2.0 Jazz Improvstn III  
Prereq: grade of B or above in MUT 2642
- MUT 3644 2.0 Jazz Improvstn IV  
Prereq: grade of B or above in MUT 3643

### Major Electives

**(3000 - 4000 LEVEL) (10 SEMESTER HOURS)**

Select 10 Hours Music Electi

MUS MUT MUN MUE MUG MUO MUH MUM MVB  
MVJ MVK MVP MVS MVV MVW

\* 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 in order to graduation.

## MINORS IN THE DEPARTMENT OF MUSIC

### Minor: Music History Minor

**Minor Requirements (15 SEMESTER HOURS)**

5 Music History Electives

- MUH 2012 3.0 Enjoyment Of Music
- MUH 2018 3.0 Evolution Of Jazz
- MUH 2015 3.0 Amer Music: Past/Pres
- MUH 2017 3.0 Hist/Appreciation Rock
- MUH 3055 3.0 (FC) African American Music Heritage
- MUS 3930 AL 3.0 Great Composers
- MUS 3930 AW 3.0 The Gospel Truth
- MUM 3701 3.0 The Music Business
- HUM 3524 3.0 (FC) Great Age Of Vienna

Conditions for the minor in Music History:

1. A minimum of 50% of the courses required for the minor must be taken at UNF.
2. Courses with lower-level numbers may be used in the minor, but a minimum of 9 semester hours of upper-level courses is required for the music minor.
3. A grade of "C" or above is required for all minor courses.
4. Not available to music majors.

## Department of Philosophy

620-1330

**Hans Herbert Kögler**, Associate Professor and Chair

**Andrew Buchwalter**, Associate Professor

**A. David Kline**, Professor

**John C. Maraldo**, Professor

**David E. W. Fenner**, Associate Professor

**Julie J. Ingersoll**, Associate Professor of

Religious Studies

**Ellen Wagner**, Associate Professor

**Laura L. Ammon**, Assistant Professor of

Religious Studies

**Daniel J. Callcut**, Assistant Professor

**Jennifer A. Fisher**, Assistant Professor

**Mitchell R. Haney**, Assistant Professor

**Alliss Hurwitz Swota**, Assistant Professor

**Rico L. Vitz**, Assistant Professor

**Elizabeth Kanon**, Visiting Assistant Professor

**Philosophy** 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](http://www.unf.edu/coas/philosophy).

## Major: 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 3-hour elective in any other area.

## Major: Philosophy

### Track: General Philosophical Studies

### Degree: Bachelor Of Arts

Students are encouraged to take several philosophy courses with the PHH, PHI, PHM, or PHP prefix.

### Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Requires grades of “C” or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule of courses booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

### Major Requirements (15 SEMESTER HOURS)

PHH 3100	3.0	Ancient Philosophy
PHH 3400	3.0	Modern Philosophy
PHI 3601	3.0	Ethics

Select One Logic From Either:

PHI 3130	3.0	G(M) Symbolic Logic
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Or select another logic course (consult an advisor for approved logic course)

PHI

Select One Seminar

PHI 4935	3-4	Philosophy Seminar
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### Major Electives

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

Students in the general philosophical studies track are free to select major electives from any philosophy courses offered by the program. A minimum of 6 hours must be taken at the 4000 level.

Select 3 Courses At 3000 Level

PHH PHI PHM PHP

Select 2 Courses At 4000 Level

PHH PHI PHM PHP

No more than 15 hrs of transfer credit may be used. Only 3 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.

### Required Minor

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

All minors require 15 hours. Refer to catalog for list.

### Free Electives

(3000 - 4000 LEVEL) (07 SEMESTER HOURS)

\* 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.

## Major: Philosophy

### Track: Philosophy Advanced Studies

### Degree: Bachelor Of Arts

The Advanced Studies Track was conceived especially for students planning graduate training in philosophy.

Students are encouraged to take several philosophy courses with the PHH/PHI/PHM/PHP prefix as preparation for the major.

### Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Requires grades of “C” or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I

LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	3.0	American Sign Lang I
SPA 2613	3.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

**Major Requirements (15 SEMESTER HOURS)**

Required Courses

PHH 3100	3.0	Ancient Philosophy
PHH 3400	3.0	Modern Philosophy
PHI 3601	3.0	Ethics

Select One Logic From Either

PHI 3130	3.0	G(M) Symbolic Logic
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Or Another Logic Course (3000 - 4000 LEVEL)

PHI

Select One Seminar

PHI 4935	3-4	Philosophy Seminar
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**Major Electives**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Select at least 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.

PHH 4121	3.0	Ancient Greek Ethics
PHI 4220	3.0	Philosophy Of Language
PHI 4300	3.0	Epistemology
PHI 4320	3.0	Philosophy Of Mind
PHI 4400	3.0	Philosophy Of Sci
PHI 4420	3.0	Phil Of Soc Sciences
PHI 4453	3.0	Phil Of Psychiatry
PHI 4500	3.0	Metaphysics
PHI 4930	3.0	Topics In Philosophy
PHM 4340	3.0	Contmp Poli Philo
PHP 4410	3.0	Kant
PHP 4782	3.0	Phenomenology

No more than 15 hrs of transfer credit may be used. Only 3 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.

**Required Minor**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

**Free Electives**

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

**Major: Philosophy**

**Track: Studies In Applied Ethics**

**Degree: Bachelor Of Arts**

The Applied Ethics track is for preprofessional students who wish to develop a comparative understanding of value issues across professions or are planning graduate work in theoretical or applied ethics.

Students are encouraged to take several philosophy courses with the PHH/PHI/PHM/PHP prefix as preparation for the major.

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Requires grades of "C" or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

**Major Requirements**

**(15 SEMESTER HOURS)**

Required Courses

PHH 3100	3.0	Ancient Philosophy
PHH 3400	3.0	Modern Philosophy
PHI 3601	3.0	Ethics

Select One Logic From Either

PHI 3130	3.0	G(M) Symbolic Logic
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Or Another Logic Course (3000 - 4000 LEVEL)

PHI



Select One Seminar

PHI 4935 3-4 Philosophy Seminar

### Major Electives

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Select at least 12 hours from the following track courses.

The remaining 3 hours may be selected from the track or any other approved philosophy course except the foreign culture courses. At least 6 hours of electives must be at the 4000 level.

PHI 3633	3.0	Bioethics
PHI 3640	3.0	Environmental Ethics
PHI 3641	3.0	Business Ethics
PHI 3670		Moral Conflict
PHI 3684		The Art of Living
PHI 3930	1-4	Spec Top: Philosophy
PHI 4453	3.0	Phil Of Psychiatry
PHI 4930	3.0	Topics In Philosophy
PHM 3050		Ethical Issues in Death and Dying
PHM 3100	3.0	Social Philosophy
PHM 3304	3.0	Political Philosophy
PHM 3400	3.0	Philosophy Of Law

No more than 15 hrs of transfer credit may be used. Only 3 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.

### Required Minor

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

### Free Electives

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

### Major: Philosophy

**Track: Historical And Comparative Studies**

**Degree: Bachelor Of Arts**

The Historical and Comparative studies track is for students interested in exploring the range and diversity of philosophical themes as developed over time and across cultures.

Students are encouraged to take several philosophy courses with the PHH, PHI, PHM, or PHP prefix as preparation for the major.

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Requires grades of "C" or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence

CHI 1120 4.0 Beginning Chinese I

CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses in the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

### Major Requirements

**(15 SEMESTER HOURS)**

Required Courses

PHH 3100	3.0	Ancient Philosophy
PHH 3400	3.0	Modern Philosophy
PHI 3601	3.0	Ethics

Select One Logic From Either

PHI 3130 3.0 G(M) Symbolic Logic

Or Another Logic Course

(3000 - 4000 LEVEL)

PHI

Select One Seminar

PHI 4935 3-4 Philosophy Seminar

### Major Electives

**(15 SEMESTER HOURS)**

Select at least 12 hours from the following track courses:

The remaining 3 hours may be selected from the track or any other approved philosophy course except the foreign culture courses. At least 6 hours of electives must be at the 4000 level.

PHI 3664	3.0	Ethics East And West
PHI 3930	1.-4	Spec Top: Philosophy
PHI 3931	3.0	East/West: Select Top
PHI 3935	3.0	Ancient Phil Topics
PHI 4930	3.0	Topics In Philosophy
PHH 3104		Socrates and the Sophists
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 3820	3.0	(FC) Chinese Philosohp
PHH 4121	3.0	Ancient Greek Ethics
PHH 4601	3.0	20th-Cent Cont Phil
PHH 4620	3.0	20 C Phil: Anglo/Am T
PHM 3500	3.0	Philosophy Of History
PHP 3790	3.0	Pragmatism

No more than 15 hrs of transfer credit may be used. Only 3 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.

### Required Minor

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

### Free Electives

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

### Major: Philosophy

#### Track: Literary & Cultural Studies

#### Degree: Bachelor Of Arts

The Literary and Cultural Studies track is available for artists, writers, and performers interested in the theoretical foundations for their work; for prospective teachers of literature and the arts; and for students planning graduate work in literary theory or cultural studies.

Students are encouraged to take several philosophy courses with PHH/PHI/PHM/PHP prefixes as preparation for the major.

### Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

### Major Requirements (15 SEMESTER HOURS)

Required Courses

PHH 3100	3.0	Ancient Philosophy
PHH 3400	3.0	Modern Philosophy
PHI 3601	3.0	Ethics

Select One Logic From Either

PHI 3130 3.0 G(M) Symbolic Logic

Or Another Logic Course (3000 - 4000 LEVEL)

PHI

Select One Seminar

PHI 4935 3-4 Philosophy Seminar

### Major Electives

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Select at least 12 hours from the following track courses. The remaining three hours may be selected from the track or any other approved philosophy course except the foreign culture courses. At least 6 hours of electives must be at the 4000 level.

PHI 3643	3.0	Ethics & Literature
PHI 3684	3.0	The Art of Living
PHI 3700	3.0	Philosophy Of Religion
PHI 3800	3.0	Aesthetics
PHI 3880	3.0	Philosophy Of Film
PHI 3881	3.0	Philosophy Of Music
PHI 3930	1-4	Spec Top: Philosophy
PHI 3931	3.0	East/West: Select Top
PHI 4220	3.0	Philosophy Of Language
PHI 4930	3.0	Topics In Philosophy
PHH 3811	3.0	Philosophy/Zen Buddhism
PHM 3020	3.0	Phil Of Love And Sex
PHP 3786	3.0	Existentialism

No more than 15 hrs of transfer credit may be used. Only 3 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.

### Required Minor

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

### Free Electives

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

### Major: Philosophy

#### Track: Legal, Political, & Social Studies

#### Degree: Bachelor Of Arts

The Legal, Political and Social Studies track is for students planning careers in public affairs, law, management, international relations, or for those planning graduate work in social or political theory.

Students are encouraged to take several philosophy courses with the PHH/PHI/PHM/PHP prefix as preparation for the major.

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Requires grades of "C" or above.

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule booklet.

**Select 1 Sequence**

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

**Major Requirements (15 SEMESTER HOURS)****Required Courses**

PHH 3100	3.0	Ancient Philosophy
PHH 3400	3.0	Modern Philosophy
PHI 3601	3.0	Ethics

**Select One Logic From Either**

PHI 3130	3.0	G(M) Symbolic Logic
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Or Another Logic Course (3000 - 4000 LEVEL)

PHI

**Select One Seminar**

PHI 4935	3-4	Philosophy Seminar
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**Major Electives**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Select at least 12 hours from the following track courses. The remaining 3 hours may be selected from the track of any other approved philosophy course except the foreign culture courses. At least 6 hours of electives must be at the 4000 level.

PHI 3632	3.0	Ethics Of Sex & Gend
PHI 3670	3.0	Moral Conflict
PHI 3930	1-4	Spec Top: Philosophy
PHI 4420	3.0	Phil Of Soc Sciences
PHI 4930	3.0	Topics In Philosophy
PHM 3050	3.0	Ethical Issues in Death and Dying
PHM 3100	3.0	Social Philosophy
PHM 3304	3.0	Political Philosophy

PHM 3361	3.0	Philspth Of Democracy
PHM 3400	3.0	Philosophy Of Law
PHM 4340	3.0	Contmp Poli Philo

No more than 15 hrs of transfer credit may be used. Only 3 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.

**Required Minor**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

**Free Electives**

**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

**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 semester hours.

**Minor: Philosophy Minor**

**Minor Requirements (15 SEMESTER HOURS)**

Select Five Philosophy Courses (3000 - 4000 LEVEL)

PHI PHH PHM PHP

**Conditions for the minor**

1. Of the total 15 hours for the minor, 12 must be upper level.
2. A minimum of 6 semester hours in philosophy must be taken at UNF.
3. 6 semester hours may be transferred towards the minor.
4. A grade of "C" or better is required for all minor courses.
5. Germany Today, The Japanese Mind, & The Greek Experience can not be used as a part of the philosophy minor.

**Minor: Culture and Philosophy Minor**

**Minor Requirements (15 SEMESTER HOURS)**

**Required**

PHI 3800	3.0	Aesthetics
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Select Four Courses (3000 - 4000 LEVEL)

PHI 3643	3.0	Ethics & Literature
PHI 3684	3.0	The Art of Living
PHI 3700	3.0	Philspth Of Religion
PHI 3880	3.0	Philosophy Of Film
PHI 3881	3.0	Philosophy Of Music
PHI 3930	1-4	Spec Top: Philosophy
PHI 3931	3.0	East/West: Select Top
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHM 3020	3.0	Phil Of Love And Sex
PHP 3786	3.0	Existentialism

**Conditions for the minor**

1. Of the total 15 hours for the minor, 12 must be upper level.
2. A minimum of 6 semester hours in philosophy must be taken at UNF.
3. 6 semester hours may be transferred towards the minor.

- A grade of "C" or better is required for all minor courses.
- Germany Today, The Japanese Mind, & The Greek Experience can not be used as a part of the philosophy minor.

### Minor: Law and Philosophy Minor

#### Minor Requirements (15 SEMESTER HOURS)

##### Select One

PHI 3601 3.0 Ethics

PHM 3304 3.0 Political Philosophy

##### Select Four Courses (3000 - 4000 LEVEL)

PHI 3632 3.0 Ethics Of Sex & Gend

PHI 3670 3.0 Moral Conflict

PHI 3930 1-4 Spec Top: Philosophy

PHM 3050 3.0 Ethical Issues in Death and Dying

PHM 3100 3.0 Social Philosophy

PHM 3361 3.0 Philsoph Of Democracy

PHM 3400 3.0 Philosophy Of Law

PHM 4340 3.0 Contmp Poli Philo

##### Conditions for the minor

- Of the total 15 hours for the minor, 12 must be upper level.
- A minimum of 6 semester hours in philosophy must be taken at UNF.
- 6 semester hours may be transferred towards the minor.
- A grade of "C" or better is required for all minor courses.
- Germany Today, The Japanese Mind, & The Greek Experience cannot be used as a part of the philosophy minor.

### Minor: Applied Ethics Minor

#### Minor Requirements (15 SEMESTER HOURS)

##### Required

PHI 3601 3.0 Ethics

##### Select One

PHM 3100 3.0 Social Philosophy

PHM 3304 3.0 Political Philosophy

##### Select Three Courses (3000 - 4000 LEVEL)

PHI 3633 3.0 Bioethics

PHI 3640 3.0 Environmental Ethics

PHI 3641 3.0 Business Ethics

PHI 3670 3.0 Moral Conflict

PHI 3684 3.0 The Art of Living

PHI 3930 1-4 Spec Top: Philosophy

PHI 4453 3.0 Phil Of Psychiatry

PHM 3050 3.0 Ethical Issues in Death and Dying

PHM 3400 3.0 Philosophy Of Law

PHI 4930 3.0 Topics In Philosophy

##### Conditions for the minor

- Of the total 15 hours for the minor, 12 must be upper level.
- A minimum of 6 semester hours in philosophy must be taken at UNF.
- 6 semester hours may be transferred towards the minor.
- A grade of "C" or better is required for all minor courses.
- Germany Today, The Japanese Mind, & The Greek Experience cannot be used as a part of the philosophy minor.

**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

worldviews 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

Religion courses are primarily taught in fall and spring of the required courses REL 2300 is offered every semester. REL 3102 is typically offered every other semester, summer included. Students should plan to take this course when offered.

#### Minor Requirements (15 SEMESTER HOURS)

##### Required Courses

REL 2300 3.0 CD-Comparative Relig

REL 3102 3.0 (CD) Relgn As Culture

##### Select three courses from the following list:

ANT 2990 3.0 CD-Magic/Rel/Science

ANT 4241 3.0 Anthro Of Religion

ANT 4931 3.0 ST: Plgrm/Sacrd Geo

ANT 4931 3.0 (FC) Comp Islamic Cul

LIT 3408 3.0 Approach To Lit: Myth

LIT 3930 3.0 ST: Prob Of Evil

AMH 3932 3.0 Rel/Ref Antebellm US

PHI 3700 3.0 Philsphy Of Religion

PHH 3811 3.0 Phlsphy/Zen Buddhism

REL 3012 3.0 (CD) Myths & Rituals

REL 3101 3.0 Religion and Popular Culture

REL 3120 3.0 Religion In America

REL 3127 3.0 Religion and the Courts

REL 3145 3.0 Woman Relg Wst Exper

REL 3148 3.0 Religion & Violence

REL 3213 3.0 Hbrew Bible/Old Test

REL 3241 3.0 New Testament

REL 3293 3.0 Topics Biblcl/Scruptl

REL 3310 3.0 Asian Religions

REL 3330 3.0 Religions Of India

REL 3420 3.0 20th Ctn Rel Thought

REL 3421 3.0 Std Contmp Rlg Thoug

REL 3505 3.0 Histy Christ Thought

REL 3607 3.0 Sele Tps Jewish Stud

REL 3930 3.0 Sel Top: Hist Of Rel

REL 3936 3.0 Topics Religious Tght

REL 4900 3.0 Directed Ind Studies Rel Studies

##### Conditions for the minor:

- A grade of "C" or better is required for all minor courses.
- Only 3 semester hours of lower level course work may be used in the minor.
- At minimum of 6 semester hours of upper level course work must be taken at UNF.
- 9 semester hours may be transferred in to the minor.

**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 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 620-1703 or by consulting the Center's website at [www.unf.edu/coas/philosophy/center.htm](http://www.unf.edu/coas/philosophy/center.htm).

### **Department of Political Science and Public Administration 620-2977**

**Matthew T. Corrigan**, Associate Professor and Chair

**Mary O. Borg**, Professor

**Anne H. Hopkins**, Professor

**Ronald T. Libby**, Professor

**J. Patrick Plumlee**, Associate Professor and MPA  
Director

**David M. Schwam-Baird**, Associate Professor

**Henry B. Thomas**, Associate Professor, Director, The  
Florida Center for Public and International Policy

**Pamela A. Zeiser**, Associate Professor

**Hyunsun Choi**, Assistant Professor

**Paul G. Harwood**, Assistant Professor

**Kyle A. Scott**, Assistant Professor

**William R. Voorhees**, Assistant Professor

**Darren A. Wheeler**, Assistant Professor

**Martin I. Edwards**, Senior Instructor, Pre-Law Director

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.

### **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.

### **BA 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 (06 SEMESTER HOURS)**  
**(Requires grades of “C” or above)**

POS 2041 3.0 Intro American Gov

Select one course from:

CPO 2002 3.0 Comparative Politics

INR 2002 3.0 Intro Internat Rel

or

any two introductory political science courses with POS, INR, or CPO prefix.

**Foreign Lang/Foreign Cultures (8-9 SEMESTER HOURS)**  
**(Requires grades of “C” or above)**

Major must successfully complete **one sequence of two semesters in a foreign language** at the university level (for example: Beginning French I and Beginning French II) or the equivalent as recognized by UNF’s Department of World Languages (for example: achieving a CLEP score indicating language proficiency consist with successful completion of a language sequence or completing SPN 1133 (Accelerated Spanish)).

Or, majors may complete three **foreign culture** courses at the 3000-4000 level designation (only if state language requirement is satisfied).

Note: May not include cultural diversity courses unless CD/FC appears in course title.

**Core Requirements (18 SEMESTER HOURS)**

POS 3713	3.0	Inquiry/Analysis
POT 3003	3.0	Polit Thought-Action
PAD 4003	3.0	Pub Administration
POS 4930	3.0	Senior Sem Poli Sci

Select 1 Course (3000 - 4000 LEVEL)

POS 3413	3.0	American Presidency
POS 3424	3.0	Congr & Legis/Proce
POS 3691	3.0	American Legal System

(3000 - 4000 LEVEL)

Select one course

CPO 4014	3.0	Framework: Analy Comp
INR 4603	3.0	Framework: Analy Int R
INR 4703	3.0	Intl Political Econ

**Major Electives (3000 - 4000 LEVEL) (12 SEMESTER HOURS)**

Select 4 courses from below:

(select courses that have not used in above areas)

CPO 3123	3.0	(FC) Pol/Soc Brit & Ireland
CPO 3213	3.0	(FC) Pol/Soc in Sub-Saharan Africa
CPO 3151	3.0	(FC) Pol/Soc France
CPO 3351	3.0	(FC) Pol/Soc Brazil
CPO 3643	3.0	(FC) Pol/Soc Russia
CPO 4014	3.0	Framework: Analytical Comparison
CPO 4034	3.0	Third World Politics
CPO 4774	3.0	Comp Pol Comm
CPO 4930	1-4	Topics: Comprtve Pol
INR 3084	3.0	Terrorism Today
INR 3016	3.0	Global Iss Cont Pol
INR 3443	3.0	Intl Law & Org
INR 4334	3.0	Am Def Mass Destruct
INR 4435	3.0	N Ireland Peace Proc
INR 4603	3.0	Framework: Analy Int R
INR 4703	3.0	Intl Political Econ
PAD 4027	3.0	Issues Public Mangmt
PAD 4832	3.0	Issues Comp Admin
POS 3114	3.0	Iss State/Local Gov
POS 3142	3.0	Politics/Policy Urban Gov
POS 3235	3.0	Govt And Media
POS 3413	3.0	American Presidency
POS 3424	3.0	Congr & Legis/Proce
POS 3444	3.0	Part. Campaig & Elec
POS 3606	3.0	US Sup Ct/Fedl Cts
POS 3679	3.0	Mock Trial
POS 3691	3.0	American Legal System
POS 3931	3.0	Spe Top: Politics
POS 4033	3.0	Contvsl Pol Issues
POS 4167	3.0	Urban Policy/Plan
POS 4173	3.0	Southern Politics
POS 4233	3.0	Publ Opin Intrt Grop
POS 4463	3.0	Interest Grps/Am Dem
POS 4608	3.0	Conlaw: Pwr & Rstnt
POS 4624	3.0	Con Law: Rght & Lbrty

POS 4905	1-4 Dir Individual Study
POS 4932	2-6 Tops: Pol/Pub Admin
POS 3615	3.0 Soul Of The Court
POS 3676	3.0 Great American Trial
POS 4093	3.0 War On Drugs: Pol/Imp
POS 4945	3-4 Practicum: Legislative
POT 3515	3.0 Good and Evil Political Perspective
POT 3075	3.0 Am Pols & Pop Cultur
POT 4314	3.0 Democratic Theory
PUP 3053	3.0 Amer Political Econ
PUP 4003	3.0 Policy Making Proces
PUP 4506	3.0 Evolut/Society/Poli
PUP 4518	3.0 Info Tech Politics
PUP 4612	3.0 Polit Of Soc Program

**Required Minor**  
**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**  
 All minors require 15 hours. See catalog for list.

**Free Electives**  
**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**  
 \* 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.

**Major: Political Science**  
**Concentration: American Politics**  
**Degree: Bachelor of Arts**

**Prerequisites (06 SEMESTER HOURS)**  
 (Requires grades of "C" or above)  
 POS 2041 3.0 Intro American Gov  
 Select one course from:  
 CPO 2002 3.0 Comparative Politics  
 INR 2002 3.0 Intro International Relations  
 or  
 any two introductory political science courses with POS, INR, or CPO prefixes.

**Foreign Lang/Foreign Cultures (8-9 SEMESTER HOURS)**  
**(Requires grades of "C" or above)**

Majors must successfully complete **one sequence of two semesters in a foreign language** at the university level (for example: Beginning French I and Beginning French II) or the equivalent as recognized by UNF's Department of World Languages (for example: achieving a CLEP score indicating language proficiency consistent with successful completion of a language sequence or completing SPN 1133 (Accelerated Spanish).

Or, majors may complete three foreign culture courses at the 3000-4000 level designation (only if state language requirement is satisfied).

Note: May not include cultural diversity courses unless CD/FC appears in course title.

**Core Requirements (18 SEMESTER HOURS)**  
 POS 3713 3.0 Inquiry/Analysis  
 POT 3003 3.0 Polit Thought-Action

PAD 4003	3.0 Pub Administration
POS 4930	3.0 Senior Sem Poli Sci
Select 1 Course	(3000 - 4000 LEVEL)
POS 3413	3.0 American Presidency
POS 3424	3.0 Congr & Legis/Proce
POS 3691	3.0 American Legal System
	(3000 - 4000 LEVEL)
Select one course	
CPO 4014	3.0 Framework: Analy Comp
INR 4603	3.0 Framework: Analy Int R
INR 4703	3.0 Intl Political Econ

**Major Electives**  
**(3000 - 4000 LEVEL) (12 SEMESTER HOURS)**  
 Select 4 courses from below:  
 (select courses that have not been used in above areas)

INR 3084	3.0 Terrorism Today
INR 4334	3.0 Am Def Mass Destruct
POS 3114	3.0 Iss State/Local Gov
POS 3142	3.0 Politics/Policy Urban Gov
POS 3235	3.0 Govt And Media
POS 3413	3.0 American Presidency
POS 3424	3.0 Congr & Legis/Proce
POS 3444	3.0 Part. Campaig & Elec
POS 3606	3.0 US Sup Ct/Fedl Cts
POS 3679	3.0 Mock Trial
POS 3691	3.0 American Legal System
POS 3931	3.0 Spe Top: Politics
POS 3676	3.0 Great American Trial
POS 3615	3.0 Soul Of The Court
POS 4033	3.0 Contvsl Pol Issues
POS 4173	3.0 Southern Politics
POS 4233	3.0 Publ Opin Intrt Grop
POS 4463	3.0 Interest Grps/Am Dem
POS 4608	3.0 Conlaw: Pwr & Rstnt
POS 4624	3.0 Con Law: Rght & Lbrty
POS 4905	1-4 Dir Individual Study
POS 4932	2-6 Tops: Pol/Pub Admin
POS 4945	3-4 Practicum: Legislative
POT 3075	3.0 Am Pols & Pop Cultur
PUP 3053	3.0 Amer Political Econ
PUP 4518	3.0 Info Tech Politics

**Required Minor**  
**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**  
 All minors require 15 hours. See catalog for list.

**Free Electives**  
**(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**  
 \* 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.

**Major: Political Science**  
**Concentration: International Relations/  
 Comparative Politics**  
**Degree: Bachelor of Arts**

**Prerequisites (06 SEMESTER HOURS)**

Select 2 Intro Courses

- POS 2041 3.0 Intro American Gov
- CPO 2002 3.0 Comparative Politics
- INR 2002 3.0 Intro Internat Rel

or

any two introductory political science courses with POS, INR, or CPO prefixes.

**Foreign Lang/Foreign Cultures (8-9 SEMESTER HOURS)**  
 (Requires grades of "C" or above)

Majors must successfully complete **one sequence of two semesters in a foreign language** at the university level (for example: Beginning French I and Beginning French II) or the equivalent as recognized by UNF's Department of World Languages (for example: achieving a CLEP score indicating language proficiency consistent with successful completion of a language sequence or completing SPN 1133 (Accelerated Spanish)).

Or, majors may complete three foreign culture courses at the 3000-4000 level designation (only if state language requirement is satisfied).

Note: May not include cultural diversity courses unless CD/FC appears in course title.

**Core Requirements (18 SEMESTER HOURS)**

- POS 3713 3.0 Inquiry/Analysis
- POT 3003 3.0 Polit Thought-Action
- PAD 4003 3.0 Pub Administration
- POS 4930 3.0 Senior Sem Poli Sci

Select 1 Course (3000 - 4000 LEVEL)

- POS 3413 3.0 American Presidency
- POS 3424 3.0 Congr & Legisl/Proce
- POS 3691 3.0 American Legal System

(3000 - 4000 LEVEL)

Select one course

- CPO 4014 3.0 Framework: Analy Comp
- INR 4603 3.0 Framework: Analy Int R
- INR 4703 3.0 Intl Political Econ

**Major Electives (3000 - 4000 LEVEL) (12 SEMESTER HOURS)**

Select 4 courses from below:

(select courses that have not been used in above areas)

- CPO 3123 3.0 (FC) Pol/Soc Brit & Ireland
- CPO 3151 3.0 (FC) Pol/Soc France
- CPO 3351 3.0 (FC) Pol/Soc Brazil
- CPO 3643 3.0 (FC) Pol/Soc Russia
- CPO 3xxx 3.0 Pol/Soc in Sub-Saharan Africa
- CPO 4014 3.0 Framework: Analy Comp

- CPO 4034 3.0 Third World Politics
- CPO 4774 3.0 Comp Pol Comm
- CPO 4930 1-4 Topics: Comparative Pol
- INR 3016 3.0 Global Iss Cont Pol
- INR 3084 3.0 Terrorism Today
- INR 3443 3.0 Intl Law & Org
- INR 4334 3.0 Am Def Mass Destruct
- INR 4435 3.0 N Ireland Peace Proc
- INR 4603 3.0 Framework: Analy Int Relations
- INR 4703 3.0 Intl Political Econ
- PAD 4832 3.0 Issues Comp Admin
- POS 3931 3.0 Spe Top: Politics
- POS 4905 1-4 Dir Individual Study
- POS 4932 2-6 Tops: Pol/Pub Admin
- POS 4945 3-4 Practicum: Legislative
- PUP 4506 3.0 Evolut/Society/Poli
- PUP 4518 3.0 Info Tech Politics

**Required Minor (3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. See catalog for list.

**Free Electives (3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

**Major: Political Science**  
**Concentration: Public Law**  
**Degree: Bachelor of Arts**

**Prerequisites (06 SEMESTER HOURS)**

(Requires grades of "C" or above)

- POS 2041 Intro American Government

Select one course from:

- CPO 2002 Comparative Politics
- INR 2002 Intro International Relations

or

any two introductory political science courses with POS, INR, or CPO prefixes.

**Foreign Lang/Foreign Cultures (8-9 SEMESTER HOURS)**  
 (Requires grades of "C" or above)

Majors must successfully complete **one sequence of two semesters in a foreign language** at the university level (for example: Beginning French I and Beginning French II) or the equivalent as recognized by UNF's Department of World Languages (for example: achieving a CLEP score indicating language proficiency consistent with successful completion of a language sequence or completing SPN 1133 (Accelerated Spanish)).

Or, majors may complete three **foreign culture** courses at the 3000-4000 level designation (only if state language requirement is satisfied).

Note: May not include cultural diversity courses unless CD/FC appears in course title.



**Core Requirements (18 SEMESTER HOURS)**

POS 3713	3.0	Inquiry/Analysis
POT 3003	3.0	Polit Thought-Action
PAD 4003	3.0	Pub Administration
POS 4930	3.0	Senior Sem Poli Sci

**Select 1 Course (3000 - 4000 LEVEL)**

POS 3413	3.0	American Presidency
POS 3424	3.0	Congr & Legis/Proce
POS 3691	3.0	American Legal System

(3000 - 4000 LEVEL)

**Select one course**

CPO 4014	3.0	Framework: Analy Comp
INR 4603	3.0	Framework: Analy Int R
INR 4703	3.0	Intl Political Econ

**Major Electives****(3000 - 4000 LEVEL) (12 SEMESTER HOURS)****Select 4 courses from below:**

POS 3606	3.0	US Sup Ct/Fedl Cts
POS 3679	3.0	Mock Trial
POS 3691	3.0	American Legal System
POS 3931	3.0	Spe Top: Politics
POS 3676	3.0	Great American Trial
POS 3615	3.0	Soul Of The Court
POS 4608	3.0	Conlaw: Pwr & Rstnt
POS 4624	3.0	Con Law: Rght & Lbrty
POS 4905	1-4	Dir Individual Study
POS 4932	2-6	Tops: Pol/Pub Admin
POS 4945	3-4	Practicum: Legislatve

**Required Minor****(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. See catalog for list.

**Free Electives****(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

**Major: Political Science****Concentration: Public Administration/Public Policy****Degree: Bachelor of Arts****Prerequisites****(06 SEMESTER HOURS)**

(Requires grades of "C" or above)

POS 2041	3.0	Intro American Government
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**Select one course from:**

CPO 2002	3.0	Comparative Politics
INR 2002	3.0	Intro International Relations

or

any two introductory political science course with POS, INR, or CPO prefixes.

**Foreign Lang/Foreign Cultures (8-9 SEMESTER HOURS)**

(Requires grades of "C" or above)

Majors must successfully complete **one sequence of two semesters in a foreign language** at the university level (for example: Beginning French I and Beginning French II) or the equivalent as recognized by UNF's Department of World Languages (for example: achieving a CLEP score indicating language proficiency consistent with successful completion of a language sequence or completing SPN 1133 (Accelerated Spanish).Or, majors may complete three **foreign culture** courses at the 3000-4000 level designation (only if state language requirement is satisfied).

Note: May not include cultural diversity courses unless CD/FC appears in course title.

**Core Requirements (18 SEMESTER HOURS)**

POS 3713	3.0	Inquiry/Analysis
POT 3003	3.0	Polit Thought-Action
PAD 4003	3.0	Pub Administration
POS 4930	3.0	Senior Sem Poli Sci

**Select 1 Course (3000 - 4000 LEVEL)**

POS 3413	3.0	American Presidency
POS 3424	3.0	Congr & Legis/Proce
POS 3691	3.0	American Legal System

(3000 - 4000 LEVEL)

**Select one course**

CPO 4014	3.0	Framework: Analy Comp
INR 4603	3.0	Framework: Analy Int R
INR 4703	3.0	Intl Political Econ

**Major Electives****(3000 - 4000 LEVEL) (12 SEMESTER HOURS)****Select 4 courses from below:**

INR 3084	3.0	Terrorism Today
PAD 4027	3.0	Issues Public Mangmt
PAD 4832	3.0	Issues Comp Admin
POS 3114	3.0	Iss State/Local Gov
POS 3142	3.0	Politics/Policy Urban Gov
POS 3931	3.0	Spe Top: Politics
POS 4167	3.0	Urban Policy/Plan
POS 4905	1-4	Dir Individual Study
POS 4932	2-6	Tops: Pol/Pub Admin
POS 4093	3.0	War On Drugs: Pol/Imp
POS 4945	3-4	Practicum: Legislatve
PUP 3053	3.0	Amer Political Econ
PUP 4003	3.0	Policy Making Proces
PUP 4506	3.0	Evolut/Society/Poli
PUP 4612	3.0	Polit Of Soc Program

**Required Minor****(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. See catalog for list.

**Free Electives****(3000 - 4000 LEVEL) (07 SEMESTER HOURS)**

\* 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.

## 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 Grade Point Average 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 MPA program requires: a GPA of 3.0 at the undergraduate level; completion of the BA 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 MPA program are required. Please see MPA Director for information on additional Fast Track requirements.

**Major: Political Science**  
**Concentration: Political Science Fast Track MPA**  
**Degree: Bachelor of Arts**

### Prerequisites (06 SEMESTER HOURS)

(Requires grades of "C" or above)

POS 2041 3.0 Intro American Government

Select one course from:

CPO 2002 3.0 Comparative Politics

INR 2002 3.0 Intro International Relations

Or (1000 - 2000 LEVEL)

CPO POS INR

### Foreign Lang/Foreign Cultures (8-9 SEMESTER HOURS)

(Requires grades of "C" or above)

Majors must successfully complete **one sequence of two semesters in a foreign language** at the university level (for example: Beginning French I and Beginning French II) or the equivalent as recognized by UNF's Department of World Languages (for example: achieving a CLEP score indicating language proficiency consistent with successful completion of a language sequence or completing SPN 1133 (Accelerated Spanish)).

Or, majors may complete three **foreign culture** courses at the 3000-4000 level designation (only if state language requirement is satisfied).

Note: May not include cultural diversity courses unless CD/FC appears in course title.

### Core Requirements (15 SEMESTER HOURS)

A GPA of 3.0 or higher required for the fast track option.

POS 3713 3.0 Inquiry/Analysis  
 POT 3003 3.0 Polit Thought-Action  
 PAD 4003 3.0 Pub Administration  
 POS 4930 3.0 Senior Seminar

Select 1 Course (3000 - 4000 LEVEL)

POS 3413 3.0 American Presidency  
 POS 3424 3.0 Congr & Legis/Proce  
 POS 3606 3.0 US Sup Ct/Fedl Cts

(3000 - 4000 LEVEL)

Select one comparative politics or international relations

CPO 3123 3.0 (FC) Pol/Soc Brit & Irl  
 CPO 4034 3.0 Third World Politics  
 CPO 4930 1-4 Topics: Comprtve Pol  
 INR 3016 3.0 Global Iss Cont Pol  
 INR 4334 3.0 Am Def Mass Destruct

### Major Electives

(3000 - 4000 LEVEL) (12 SEMESTER HOURS)

Select 4 from below or 3 from below and 1 add'l core course or select 2 from below and 2 add'l core courses.

CPO 3123 3.0 (FC) Pol/Soc Brit & Irl  
 CPO 4034 3.0 Third World Politics  
 CPO 4930 1-4 Topics: Comprtve Pol  
 INR 3016 3.0 Global Iss Cont Pol  
 INR 3084 3.0 Terrorism Today  
 INR 4334 3.0 Am Def Mass Destruct  
 POS 3142 3.0 Politics/Policy Urban Gov  
 POS 3413 3.0 American Presidency  
 POS 3424 3.0 Congr & Legis/Proce  
 POS 3444 3.0 Part. Campaig & Elec  
 POS 3606 3.0 US Sup Ct/Fedl Cts  
 POS 3691 3.0 American Legal System  
 POS 3931 3.0 Spe Top: Politics  
 POS 4033 3.0 Contvsl Pol Issues  
 POS 4167 3.0 Urban Policy/Plan  
 POS 4173 3.0 Southern Politics  
 POS 4233 3.0 Publ Opin Intrt Grop  
 POS 4463 3.0 Interest Grps/Am Dem  
 POS 4608 3.0 Conlaw: Pwr & Rstnt  
 POS 4624 3.0 Con Law: Rght & Lbrty  
 POS 4905 1-4 Dir Individual Study  
 POS 4932 2-6 Tops: Pol/Pub Admin  
 POS 4945 3-4 Practicum: Legislatve  
 POT 3075 3.0 Am Pols & Pop Cultur  
 POT 4314 3.0 Democratic Theory  
 PUP 3053 3.0 Amer Political Econ  
 PUP 4506 3.0 Evolut/Society/Poli  
 PUP 4612 3.0 Polit Of Soc Program

### Minor Requirements

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

PAD 4027 3.0 Issues Public Mangmt  
 POS 4167 3.0 Urban Policy/Plan  
 PUP 4003 3.0 Policy Making Proce

Select two courses

POS 3114 3.0 Iss State/Local Gov  
 POS 3606 3.0 US Supreme Court/Federal Courts  
 PUP 4612 3.0 Polit Of Soc Program

**Conditions for the minor:**

1. No more than 6 semester hours, or courses may be transferred in to satisfy minor course requirements.
2. A grade of "C" or higher is required for all minor courses.

**Free Electives****(3000 - 4000 LEVEL) (10 SEMESTER HOURS)**

- \* 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.

**MINORS IN POLITICAL SCIENCE AND PUBLIC ADMINISTRATION****Minor: Political Science Minor****Minor Requirements (15 SEMESTER HOURS)**

POS 2041	3.0	Intro American Gov
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(3000 - 4000 LEVEL)

Select four upper level courses with the following prefixes.

CPO/INR/PAD/POS/POT/PUP

**Conditions for the minor:**

1. No more than 6 semester hours, or 2 courses may be transferred in to satisfy minor course requirements.
2. A grade of "C" or better is required in all minor courses.

**Minor: Public Administration Minor****Minor Requirements (15 SEMESTER HOURS)**

POS 2041	3.0	Intro American Gov
POS 3114	3.0	Iss State/Local Gov
PAD 4003	3.0	Pub Administration

Select Two Courses

PAD 4027	3.0	Issues Public Mangmt
POS 3713	3.0	Inquiry/Analysis
POS 3606	3.0	US Sup Ct/Fedl Cts
POS 4167	3.0	Urban Policy/Plan

**Conditions for the minor:**

1. No more than 6 semester hours, or 2 courses may be transferred in to satisfy minor course requirements.
2. A grade of "C" or better is required in all minor courses.

**Minor: Public Administration Minor for Political Science Majors**

Note: This minor is not available to political science majors who have selected the public administration/public policy track.

**Minor Requirements (15 SEMESTER HOURS)**

PAD 4027	3.0	Issues Public Mangmt
POS 3114	3.0	Iss State/Local Gov
PUP 4003	3.0	Policy Making Proces

Select Two Courses

POS 3606	3.0	US Sup Ct/Fedl Cts
POS 4167	3.0	Urban Policy/Plan
PUP 4612	3.0	Polit Of Soc Program

**Conditions for the minor:**

1. No more than 6 semester hours, or 2 courses may be transferred in to satisfy minor course requirements.
2. A grade of "C" or better is required for all minor courses.

**Department of Psychology  
620-2807**

**Linda A. Foley**, Professor  
**Iver H. Iversen**, Professor  
**J. Jurek Karylowski**, Professor  
**Christopher T. Leone**, Professor  
**Rebecca A. Marcon**, Professor  
**Susana P. Urbina**, Professor  
**Minor H. Chamblin**, Associate Professor  
**John A. Eisler**, Associate Professor  
**Michael Herkov**, Associate Professor  
**Randall J. Russac**, Associate Professor  
**Gretchen Ames**, Assistant Professor  
**Adam C. Carle**, Assistant Professor  
**Brian Fisak**, Assistant Professor  
**C. Dominik Güss**, Assistant Professor  
**Lori Y. Lange**, Assistant Professor  
**Juliana K. Leding**, Assistant Professor  
**Susan Perez**, Assistant Professor  
**F. Dan Richard**, Assistant Professor  
**Ma. Teresa Tuason**, Assistant Professor  
**Jacob M. Vigil**, Assistant Professor  
**Dongyuan Debbie Wang**, Assistant Professor  
**Gabriel Ybarra**, Assistant Professor

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 both the College of Arts and Sciences and the College of Education and Human Services 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 SEMESTER HOURS)**

PSY 2012	3.0	Intro To Psy
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Select one additional psychology course

CLP/DEP/EAB/EDP/EXP/INP/PCO/PPE/PSB/PSY

Select One Biology

BSC

BSC x200 - x209, or ZOO x010 may be substituted

Select One Statistics Course

STA

Any STA x000 - x099 may be taken

A grade of C or better is required in prerequisites prior to full admission to degree program.

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule of courses booklet.

Select 1 Sequence

- CHI 1120 4.0 Beginning Chinese I
- CHI 1121 4.0 Beginning Chinese II
- FRE 1120 4.0 Beginning French I
- FRE 1121 4.0 Beginning French II
- GER 1120 4.0 Beginning German I
- GER 1121 4.0 Beginning German II
- LAT 1120 4.0 Beginning Latin I
- LAT 1121 4.0 Beginning Latin II
- POR 1120 4.0 Begin Portuguese I
- POR 1121 4.0 Begin Portuguese II
- RUS 1120 4.0 Begin Russian I
- RUS 1121 4.0 Begin Russian II
- SPN 1120 4.0 Beginning Spanish I
- SPN 1121 4.0 Beginning Spanish II
- SPA 2612 4.0 American Sign Lang I
- SPA 2613 4.0 Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the on-line schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

**Major Requirements**

**(3000 - 4000 LEVEL) (24 SEMESTER HOURS)**

A required comprehensive examination and exit interview must be completed during the student's final semester.

\*\* Elementary statistics required prior to research methods.

- PSY 3214 3.0 Research Methods Psy
- PSY 3213 L 1.0 Research Methods Lab
- PSY 3025 1.0 Psych Major Seminar

Select 1 Experimental Course

\* PSY 3214/3214L required prior to any experimental course.

- EAB 3013 C 4.0 Exptl Ana Behvr/Lab
- EXP 3461 C 4.0 Human Learn & Perfor
- EXP 3680 C 4.0 Exptml Cognitive Psy
- EXP 3703 C 4.0 Comp Appl Psycho Res
- PSY 4302 C 4.0 Psychological Testng
- SOP 3214 C 4.0 Expermtl Social Psy

Select 5 Foundation Courses (3000 - 4000 LEVEL)

- CBH 3004 3.0 Comparative Psycholo
- DEP 3054 3.0 Lifespan Dev Psych
- EXP 3412 3.0 Learning Theory
- EXP 3104 3.0 Sensory Perception
- EXP 3604 3.0 Cognitive Psychology
- PPE 4003 3.0 Personality Theories
- PSY 4604 3.0 History Of Psych
- SOP 3004 3.0 Social Psychology
- PSB 3002 3.0 Psychobiology

Prereq: human anat & physio, zoology or gen biology

**Major Electives (09 SEMESTER HOURS)**

Select three major elective courses from the 3000-4000 level Psychology Department courses.

\* No more than 3 hours, in any combination, from the following may be used as major electives: directed individual study, supervised research, practicum in applied psychology. However, additional hours may be taken to use as free electives.

\* \* Note: students must earn a grade of "C" or higher in all Psychology courses.

\* \*\*Students may take extra experimental courses and foundation courses in addition to those required for the major. These extra courses can be counted as major electives (however, the same course may not be counted twice to fulfill these major requirements).

**Required Minor**

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. See catalog for list. May not include behavioral medicine.

**Free Electives**

**(3000 - 4000 LEVEL) (04 SEMESTER HOURS)**

\* 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.

**The Bachelor of Science degree program in psychology consists of the following requirements:**

**Major: Psychology**

**Degree: Bachelor of Science**

**Prerequisites**

**(12 SEMESTER HOURS)**

Requires grades of "C" or above.

- PSY 2012 3.0 Intro To Psy

Select one additional psychology course

PSY/DEP/CLP/EAB/EXP/INP/PCO/SOP/EDP/PPE/PSB/SPS

Select One Biology

BSC

BSC x200 - x209, or ZOO x010 may be substituted

Select One Statistics Course

STA

Any STA x000 - x099 may be taken

A grade of C or better is required in prerequisites prior to full admission to degree program.

### Major Requirements

**(3000 - 4000 LEVEL) (35 SEMESTER HOURS)**

A required comprehensive examination and exit interview must be completed during the student's final semester.

\*\*elementary statistics required prior to research methods.

PSY 3214 3.0 Research Methods Psy  
PSY 3213 L 1.0 Research Methods Lab  
PSY 3025 1.0 Psych Major Seminar

All students must have completed PSY 3214 and PSY 3214L with grades of "B" or better -before- being permitted to register in courses towards the bachelor of science degree.

Experimental courses with labs  
(research methods & lab required first)

Select One Of The Following:

EXP 3703 C 4.0 Computer Application Psychological Research  
PSY 4302 C 4.0 Psychological Testing

Select Two Of The Following:

EAB 3013 C 4.0 Experimental Analysis of Behavior/Lab  
EXP 3461 C 4.0 Human Learn & Performance  
EXP 3680 C 4.0 Experimental Cognitive Psy  
SOP 3214 C 4.0 Experimental Social Psy

Foundation courses

Select at least two of the following:

CBH 3004 3.0 Comparative Psychology  
EXP 3104 3.0 Sensory Perception  
PSB 3002 3.0 Psychobiology  
Prereq: human anat & physio, zoology or gen biology

Select at least one of the following:

EXP 3412 3.0 Learning Theory  
EXP 3604 3.0 Cognitive Psychology

Select at least two of the following:

(research methods & lab required first)

DEP 3054 3.0 Lifespan Development Psych  
PPE 4003 3.0 Personality Theories  
PSY 4604 3.0 History Of Psychology  
SOP 3004 3.0 Social Psychology

Select one additional course from the following

(that has not already been taken):

CBH 3004 3.0 Comparative Psychology  
CLP 4313 3.0 Health Psychology  
DEP 3054 3.0 Lifespan Development Psych  
EXP 3412 3.0 Learning Theory  
EXP 3604 3.0 Cognitive Psychology  
EXP 3104 3.0 Sensory Perception  
PPE 4003 3.0 Personality Theories  
PSB 3002 3.0 Psychobiology

PSY 4604 3.0 History Of Psychology  
SOP 3004 3.0 Social Psychology  
Prereq: human anat & physio, zoology or gen biology

### Major Electives

**(12 SEMESTER HOURS)**

Select four major electives from the 3000-4000 Level Psychology Department courses.

\* No more than 3 hours, in any combination, from the following may be used as major electives: directed individual study, supervised research, practicum in applied psychology. However, additional hours may be taken as free electives.

\* \* Note: Students must earn a grade of "C" or higher in all Psychology courses.

\* \*\*Students may take extra experimental courses and foundation courses in addition to those required for the major. These extra courses can be counted as major electives (however, the same course may not be counted twice to fulfill these major requirements).

### Free Electives

**(3000 - 4000 LEVEL) (13 SEMESTER HOURS)**

\* 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.

**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 grade point average of 3.67 or better; junior or senior standing; completion of at least three psychology courses at UNF with a grade point average 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 Minor

**Minor Prerequisites (03 SEMESTER HOURS)**

PSY 2012 3.0 Intro To Psy

### Minor Requirements

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

Select One Course

CLP 4143 3.0 Psy Of Abnormal Behr  
DEP 3054 3.0 Lifespan Dev Psych  
PPE 4003 3.0 Personality Theories  
SOP 3004 3.0 Social Psychology

### Select One Course

EXP 3412	3.0	Learning Theory
PSB 3002	3.0	Psychobiology
PSY 3214	3.0	Research Methods Psy
PSY 4604	3.0	History Of Psych

(3000 - 4000 LEVEL)

Select three upper level courses with the following prefixes.  
CBH/CLP/DEP/EAB/EXP/INP/PCO/PPE/PSY/SOP

#### Conditions for the minor:

1. Psychology majors may not be accepted into either the general psychology minor.
2. Students must complete the PSY 2012 (General Psychology) prerequisite in order to minor in psychology.
3. No more than 50% of the courses required for the minor may be transferred in from another institution.
4. No more than 3 semester hours of lower-level credit may be used to fulfill the minor requirements.
5. A grade of "C" or better is required for all minor courses, including prerequisites.

### Minor: Behavioral Medicine Minor

#### Minor Prerequisites (03 SEMESTER HOURS)

PSY 2012	3.0	Intro To Psy
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#### Minor Requirements (15 SEMESTER HOURS)

##### Required Courses

CLP 4183	3.0	Stress Management
EAB 4703	3.0	Behavior Modificatn
CLP 4314	3.0	Behavioral Medicine
PSB 4113	3.0	Prin-Biofeedback I

Select One Course (3000 - 4000 LEVEL)

CBH/CLP/DEP/EAB/EXP/INP/PCO/PPE/PSY/SOP

#### Conditions for the minor:

1. Psychology majors are not accepted into the Behavioral Medicine minor.
2. Students must complete the general psychology prerequisite in order to minor in behavioral medicine.
3. No more than 50% of the courses required for the minor may be transferred from another institution.
4. No more than 3 semester hours of lower-level course work may be used to fulfill minor requirements.
5. A grade of "C" or better is required for all minor courses, including prerequisites.

## Department of Sociology and Anthropology 620-2850

**Adam Shapiro**, Associate Professor and Chair

**David Jaffee**, Professor and Assistant Vice President for Undergraduate Studies

**Jeffrey Will**, Professor and Director, Northeast Florida Center for Community Initiatives

**Rosa De Jorio**, Associate Professor

**Ronald Kephart**, Associate Professor and Anthropology Program Coordinator

**Sudarshan Kuthiala**, Associate Professor

**Ronald Lukens-Bull**, Associate Professor

**Krista Paulsen**, Associate Professor and Graduate Coordinator

**Richard Phillips**, Associate Professor

**Ye Luo**, Assistant Professor

**Aleksandra Sasha Milicevic**, Assistant Professor

**Gordon Rakita**, Assistant Professor

**Suzanne Simon**, Assistant Professor

**Jennifer Spaulding-Givens**, Instructor and Social Welfare Director

**Jenny Stuber**, Assistant Professor

**Robert Thunen**, Assistant Professor

**Nancy Winterbauer**, Research Assistant Professor

**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

#### Track: Sociology

#### Degree: Bachelor Of Arts

#### Prerequisites (06 SEMESTER HOURS)

Two Intro. Sociology (1000 - 2000 LEVEL)

SYG SYA SYD SYO SYP

#### Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule of courses booklet.

#### Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II

POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	3.0	American Sign Lang I
SPA 2613	3.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied) See list of foreign culture courses through the schedule booklet. May not include cultural diversity courses unless CD(FC) in the course title.

### Major Requirements

**(3000 - 4000 LEVEL) (12 SEMESTER HOURS)**

SYA 3300 requires an elementary statistics course as preparation.

### Required Courses

SYA 3930	3.0	Junior Seminar
SYA 4010	3.0	Sociological Theory
Prereq: intro sociology		
SYA 3300	3.0	Logic Of Inquiry

Select 1 from the following:

(SYA 3300 required as prerequisite to both courses)

SYA 3310	3.0	Qualitative Methods
SYA 3450 C	3.0	Soc Sci Data Analyti

### Major Electives

**(3000 - 4000 LEVEL) (21 SEMESTER HOURS)**

Select 7 Courses

SYA 3931	2-5	ST: Sociology
SYA 4905	2-6	Dir Individual Stu
SYA 4935	3.0	Senior Seminar
SYA 4930	2-5	Spec Topic: Sociology
SYA 4930	3.0	Work & Organizations
SYO 4200	3.0	Soc Of Religion
SYD 4510	3.0	Env & Soc
SYP 4660	3.0	Soc Of Culture
SYO 4370	3.0	Sociology Of Work
SYD 3020	3.0	Social Demography
SYD 3410	3.0	Urban Sociology
SYD 3700	3.0	CD-Race/Cult Minority
SYD 3800	3.0	CD-Gender & Society
SYD 4601	3.0	Commty Orgz Chg Dev
SYO 3110	3.0	Sexuality/Marriage
SYO 3530	3.0	Soc Stratification
SYO 4100	3.0	Soc Of Family
SYO 4300	3.0	Political Sociology
SYO 4400	3.0	Hlth, Illness,& Socty
SYP 3440	3.0	Soc Chg Internat Dev
SYP 3520	3.0	Criminology
SYP 3570	3.0	Deviance & Soc Cont
SYP 4050	3.0	Soc Human Interacton
SYP 4351	3.0	Soc Move/Soc Change
SYP 4530	3.0	Juven Delq Juven Jus
SYP 4561	3.0	Child Abuse & Incest
SYP 4730	3.0	Sociology Of Aging

### Required Minor

**(3000 - 4000 LEVEL) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

### Free Electives

**(3000 - 4000 LEVEL) (04 SEMESTER HOURS)**

\* 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.

**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 Minor

**Prerequisites (03 SEMESTER HOURS)**

SYG 2000	3.0	Intro To Sociology
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### Minor Requirements

**(15 SEMESTER HOURS)**

SYA 4010	3.0	Sociological Theory
(3000 - 4000 LEVEL)		

Select four upper level course with the following prefixes.

SYA/SYD/SYG/SYO/SYP

Conditions for the minor:

1. No more than 6 semester hours, or 2 courses may be transferred in to satisfy minor course requirements.
2. No more than 3 semester hours, or 1 course carrying lower division numbers may be used to satisfy any minor requirement.
3. A grade of "C" or better is required for all minor courses.

**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 6 courses from the list of "Major Electives" in Anthropology.

**Major: Anthropology**  
**Track: Anthropology**  
**Degree: Bachelor Of Arts**

**Prerequisites (06 SEMESTER HOURS)**

Requires grades of "C" or above  
Two Intro. Anthropology (1000 - 2000 LEVEL)  
ANT

**Foreign Lang/Foreign Cultures (08 SEMESTER HOURS)**

Note: Language I is offered in the fall semester and language II is offered in the spring semester unless otherwise specified in the on-line schedule. Grades of "C" or above are required in all foreign language, American sign language, and foreign culture courses.

Select 1 Sequence

CHI 1120	4.0	Beginning Chinese I
CHI 1121	4.0	Beginning Chinese II
FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II
GER 1120	4.0	Beginning German I
GER 1121	4.0	Beginning German II
LAT 1120	4.0	Beginning Latin I
LAT 1121	4.0	Beginning Latin II
POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
RUS 1120	4.0	Begin Russian I
RUS 1121	4.0	Begin Russian II
SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
SPA 2612	3.0	American Sign Lang I
SPA 2613	3.0	Ameri Sign Lang II

Or (3000 - 4000 LEVEL)

3 foreign cultures (only if state requirement is satisfied)  
Foreign culture courses carrying the "ANT" prefix may only be taken once in either the major electives -or- as a foreign culture.

See list of foreign culture courses in the course schedule booklet. May not include cultural diversity courses unless "CD(FC)" appears in the course title.

**Recommended Sequence of Required Courses for Anthropology Majors and Minors<sup>1</sup>**

**Junior Year**

Fall Semester

ANT 3933: Seminar in Anthropology  
ANT 3610: Linguistic Anthropology

Spring Semester

ANT 3513: Principles of Physical Anthropology  
either ANT 4083: Quantitative Methods in Anthropology  
or ANT 4801: Ethnographic Methods

**Senior Year**

Fall Semester

ANT 4034: Survey of Anthropological Theories

Spring Semester

ANT 4192: Archaeological Research Strategy  
either ANT 4083: Quantitative Methods in Anthropology  
or ANT 4801: Ethnographic Methods

<sup>1</sup>Majors have to take all the required classes included in this matrix. Minors can select 3 of the required classes but they are still encouraged to follow the suggested sequence.

**Major Requirements**

(3000 - 4000 LEVEL) (18 SEMESTER HOURS)

Note: Grades of "C" or higher required in all major requirements.

Required Courses

ANT 3933	3.0	Seminar in Anthropology
ANT 3610	3.0	Linguistic Anthropology
ANT 3513	3.0	Principles Physical Anthropology
ANT 4034	3.0	Survey Anthropological Theories
ANT 4192	3.0	Archaeological Research Strategies

Select one from the following:

ANT 4083	3.0	Quantitative Methods in Anthropology
ANT 4801	3.0	Ethnographic Methods

**Major Electives**

(3000 - 4000 LEVEL) (18 SEMESTER HOURS)

Grades of "C" or higher are required in all major electives.

Choose 6 courses from the following list:

ANT 3212	3.0	CD-(FC) Peo/Cult of the World
ANT 3243	3.0	Comparative Muslim Cultures
ANT 3311	3.0	(FC) Indians of the Southeast U.S.
ANT 3312	3.0	CD-(FC) North American Indians
ANT 3340	3.0	Anthropology of the West Indies
ANT 3443	3.0	The City and Health
ANT 4083	3.0	Quantitative Methods in Anthropology
ANT 4241	3.0	Anthropology of Religion
ANT 4274	3.0	Political Anthropology
ANT 4331	3.0	People of the Andes
ANT 4352	3.0	(FC) Peo/Cult of Africa
ANT 4362	3.0	(FC) Peo/Cult Southeast Asia
ANT 4444	3.0	Cities and Globalization
ANT 4495	3.0	Cross Cultural Methods
ANT 4620	3.0	Language, Culture and Society
ANT 4801	3.0	Ethnographic Methods
ANT 4905	3.0	Directed Ind Study in Anthropology
ANT 4931	3.0	Selected Topics in Cultural

Anthropology

ANT 4990	3.0	Archaeological Field Methods
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**Required Minor**

(3000 - 4000 LEVEL) (15 SEMESTER HOURS)

All minors require 15 hours. Refer to catalog for list.



## Free Electives

**(3000 - 4000 LEVEL) (01 SEMESTER HOURS)**

\* 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.

**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 Minor**  
**Minor Requirements (15 SEMESTER HOURS)**

**Required Courses (9 SEMESTER HOURS)**  
Select three courses out of the most current list of "Major Requirements."

**Electives (6 SEMESTER HOURS)**  
Select two courses (3000-4000 LEVEL) out of the list of "Major Electives."

### Conditions for the minor:

1. No more than 6 semester hours, or 2 courses may be transferred in to satisfy minor course requirements.
2. No more than 3 semester hours, or 1 course carrying lower division numbers may be used to satisfy any minor requirement.
3. A grade of "C" or better must be earned in each minor course.

**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 Minor**  
**Minor Requirements (15 SEMESTER HOURS)**

SOW 3203 3.0 Soc Welfare Instit  
SOW 4302 3.0 Social Wrk As Profes  
SOW 4511 3.0 Com Agency Pract I  
Prereq: SOW 3203 and SOW 4302

Select two courses from the following:

SYD 3700 3.0 CD-Race/Cult Minority  
SYD 4601 3.0 Commtty Orgz Chg Dev  
SYO 3110 3.0 Sexuality/Marriage  
SYO 4100 3.0 Soc Of Family  
SYO 4400 3.0 Hlth, Illness,& Socty  
SYP 3570 3.0 Deviance & Soc Cont  
SYP 4530 3.0 Juven Delq Juven Jus  
SYP 4561 3.0 Child Abuse & Incest  
SYP 4730 3.0 Sociology Of Aging  
CJC 3410 3.0 Offender Treatment  
CCJ 4680 3.0 Family Violence

### Conditions for the minor:

1. No more than 6 semester hours, or 2 courses may be transferred in to satisfy minor course requirements.

2. No more than 3 semester hours, or 1 course carrying lower division numbers may be used to satisfy any minor requirement.
3. A grade of "C" or better is required for all minor courses.

**Minor: Urban and Metropolitan Studies**  
**Minor Requirements (15 SEMESTER HOURS)**

IDS 3213 3.0 Intro To Metropolis  
(3000 - 4000 LEVEL)

Choose 4 from the following electives

Students are encouraged to select courses from disciplines other than their major.

AMH 3460 3.0 Amer Cities/Suburbs  
ANT 3443 3.0 The City And Health  
ANT 4444 3.0 Cities And Globaliz  
ECP 3613 3.0 Urban Economics  
GEO 3151 3.0 Introduction To Gis  
HIS 3403 3.0 Nature Power & Metro  
SYD 3410 3.0 Urban Sociology  
SYD 4601 3.0 Commtty Orgz Chg Dev  
EEX 4794 3.0 Educ Urban Stud w/ Diverse Lrning Needs  
POS 3142 3.0 Urban Politics/Policy

### Conditions for the minor:

1. Students may count select special topics courses toward the minor, with advance permission of the coordinator.
2. A single course cannot satisfy requirements for the student's major and the urban and metropolitan studies minor.
3. Only two transfer courses may be applied toward minor courses.

## Department of World Languages 620-2282

**Jorge Febles**, Professor and Chair  
**Renee S. Scott**, Professor  
**Jose Luis Angeles**, Associate Professor  
**Patricia A. Geeseey**, Associate Professor  
**Shira Schwam-Baird**, Associate Professor  
**Kyle Echols**, Assistant Professor  
**Fernando Rocha**, Assistant Professor  
**Christopher W. Baynard**, Instructor

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 itself is increasingly becoming a more ethnically diverse society 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 how 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 emphasis on Por-

tuguese. In addition, the following languages are offered each academic year: Chinese, German, Japanese, Latin, Portuguese and Russian.

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 Valencia, Spain and Strasbourg, France. Students may also study independently in different areas of 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 (W) 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 on-line 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 (tel.: 904-620-2282; web page: [www.unf.edu/coas/world\\_languages/](http://www.unf.edu/coas/world_languages/)) for instructions on how to take the on-line 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.**

## BA 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 semester hours above the intermediate level (SPN 2200 and 2201).**

**Major: Spanish**

**Track: Spanish**

**Degree: Bachelor of Arts**

**Prerequisites (12-14 SEMESTER HOURS)**  
Grades of "C" or above are required in all prerequisite courses.

Select Beginning Spanish I and II (or be placed into higher courses due to placement exam results or departmental recommendation).

SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II
Or		
SPN 1134	6.0	Acc Begin Spanish

And Intermediate Spanish I and II (or be placed into higher level due to placement exam results or departmental recommendation).

SPN 2200	3.0	Intermediate Spanish I
SPN 2201	3.0	Intermediate Spanish II

**Major Requirements (15 SEMESTER HOURS)**

SPN 3242	3.0	Spanish Conversation
SPN 3300	3.0	Spanish Grammar

\*Heritage speakers may substitute the following course for Spanish Grammar:

SPN 3350	3.0	Reading and Writing Spanish*
SPW 3030	3.0	Interpreting Hispanic Literature

Select one course from the following:

SPN 3501	3.0	Hispanic Culture
LAS 3930	3.0	Cultures of Latin America (in English)
SPN 3500	3.0	Peo/Cult of Spain (in English)
LAS 3020	3.0	Peo/Cult of the Caribbean (in English)
LAS 3033	3.0	Peo/Cult of Central Amer/Mex (in English)
LAS 3031	3.0	Peo/Cult of the Southern Cone
ANT 4331	3.0	People of the Andes (in English)

Select one course from the following:

SPN 3100	3.0	Survey of Spanish Literature
SPN 3130	3.0	Survey of Latin American Literature
SPN 4930	3.0	Seminar
SPW 4223	3.0	Hispanic Genres
SPW 4400	3.0	Periods of Spanish Literature
SPW 4193	3.0	Periods of Latin American Literature

**Major Electives (SPN/SPW 3000-4000 level) (15 SEMESTER HOURS)**

**Required Minor (3000-4000 level) (15 SEMESTER HOURS)**

All minors require 15 hours. Refer to catalog for list.

**Free Electives (3000-4000 level) (15 SEMESTER HOURS)**

\* 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.

## MINORS IN WORLD LANGUAGES

### Minor: French Minor

#### Minor Prerequisites (08 SEMESTER HOURS)

FRE 1120	4.0	Beginning French I
FRE 1121	4.0	Beginning French II

#### Minor Requirements (15 SEMESTER HOURS)

Select Five French Electives (3000 - 4000 LEVEL)

FRE/FRT/FRW/FOL/FOT

Note: Heritage speakers of French may consult with the World Languages Chair or French faculty for appropriate French electives.

#### Conditions for the minor:

1. No more than 1 French course (3 hours) taught in English may be included in the minor.
2. At least 9 semester hours or 3 courses must be upper level.
3. Only 6 semester hours or 2 courses may be lower level.
4. No more than 6 semester hours or 2 courses may be transferred from another institution into the minor.
5. A grade of "C" or better is required for all minor courses, including prerequisites.

### Minor: Spanish Minor

#### Minor Prerequisites (08 SEMESTER HOURS)

SPN 1120	4.0	Beginning Spanish I
SPN 1121	4.0	Beginning Spanish II

Or

SPN 1134	6.0	Acc Begin Spanish
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Or demonstrate proficiency at the intermediate level. (The World Languages office will refer students to a Spanish faculty member for this purpose).

#### Minor Requirements (15 SEMESTER HOURS)

Select 5 Spanish language/literature courses. One course may be in English, with any of these prefixes:

SPN/SPT/SPW/FOL/FOT/LAS

At least 3 courses (9 semester hours) must be upper level (3000 or 4000). Students may transfer up to 2 courses (6 semester hours) into the Spanish minor. A grade of "C" or better is required for all minor courses, including prerequisites.

Note: Heritage speakers of Spanish must first consult with a Spanish faculty member (go to the World Languages office for a referral) or the World Languages Chair for appropriate courses to take as Spanish electives.

### Minor: 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 9 hours from the list and completing two Portuguese language courses. (Two courses may be in English).

#### Minor Requirements (15 SEMESTER HOURS)

Complete two Portuguese language courses from:

POR 1120	4.0	Begin Portuguese I
POR 1121	4.0	Begin Portuguese II
POR 2200	3.0	Interm Portuguese I
POR 2201	3.0	Interm Portuguese II

Select 9 hours from the following list:

SPN 3501	3.0	Hispanic Pop Cultr
SPW 3130	3.0	Survey: Lat Amer Lit
SPW 4223	3.0	Hispanic Genres
SPW 4394	3.0	Ibero-Amer Film
SPW 4193	3.0	Periods of Latin American Literature

Students may choose up to two courses in English from this group:

LAS 3930	3.0	(FC) Cult of Latin Amer
LAS 3020	3.0	(FC) Peopl/Cult Carib
LAS 3033	3.0	(FC) Peo/Cul C Am/Mex
LAS 3280	3.0	Iss Mod Brazil Cult
LAS 3031	3.0	Peo/Cult of the Southern Cone

All minor courses require grades of "C" or above.



# College of Arts and Sciences

## Course Descriptions

### Anthropology

#### ANT 2000 - CD - Introduction to Anthropology

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.

3 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 2100 - Introduction to Archaeology

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.

3 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 2303 - CD - Kinship and the Family in a Cross-cultural Perspective

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.

3 ANT 3443 - The City and Health 3

The majority of the world's inhabitants will live in an urban environment by the end of the 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 lecturers, 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 2930 - CD - Special Topics in Anthropology

Examination of topics of current importance in anthropology. Topics may vary. May be repeated for 6 credits.

3

#### ANT 3212 - CD - FC - Peoples and Cultures of the World

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.

3

#### 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 3243 - Comparative Muslim Cultures

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.

3

#### 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 3311 - FC - Indians of the Southeastern U. S.

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.

3

#### ANT 3740 - Introduction to Forensic Sciences 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.
- 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. Student 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 those 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 - People of the Andes** 3  
The geography, history, culture and current status of South American Andean peoples.
- ANT 4352 - FC - Peoples and 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 socio-cultural institutions such as political economy, religion, kinship, gender, art, and aesthetics.
- ANT 4362 - FC - Peoples and 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 and 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 as 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, and Society** 3  
Prerequisite: 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 in 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.

- Art**
- 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 3170 - Classical Greek and Roman Art** 3  
Pre-Hellenistic Greece. Geometric and archaic art. The severe style. The golden age of Pericles. Late classical and Hellenistic art. Etruscan and Roman Republican art. The Roman empire. Christianity's effect on late Roman forms. The Byzantine empire.
- 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 - The Art and Architecture 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** 3  
Special Topics in Art History. Special Topics courses are designed to augment the curriculum by offering classes that 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 the 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 - History of Graphic Design** 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 material fee of \$15 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  
Visual problem-solving through the structural and spatial exploration of wood, metal, paper, plaster and other related three-dimensional materials, with emphasis on creative form and imaginative solutions. *(A material fee of \$15 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  
The materials, processes and techniques relevant to creative production of art for multiple distribution and aesthetic expression. May be taken for a maximum of 12 credits. *(A material fee of \$20 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. *(A material fee of \$15 will be assessed.)*
- 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  
Prerequisite: ART 1300C, ART 2301C, ART 1201C, ART 2203C. 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. *(A material fee of \$15 will be assessed.)*
- 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. *(A material fee of \$15 will be assessed.)*
- ART 3707C - Sculpture Process** 3  
Students will use traditional sculptural materials with an emphasis on techniques to enhance individual expression in three dimensions. Metals, synthetic stone and selected media will be used within limitations and safety. The course may be repeated for a maximum of 9 credit hours. *(A material fee of \$40 will be assessed.)*
- ART 3709C - Sculpture: Intermediate** 3  
Prerequisite: ART 3707C. Students enrolled in this course will be expected to expand their use of equipment and materials necessary to the exploration of sculptures, movements in sculpture and the use of material combination. *(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 \$40 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 a maximum of 6 credit 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. The course may be repeated for a maximum of 9 credit hours. With each repetition, the student works at a more advanced level. *(A material fee of \$40 will be assessed.)*
- ART 3930 - Special Topics** v. 1 - 3  
May be repeated for a total of 24 credits under different topics.
- ART 4634C - WWW and New Media Design** 3  
Prerequisite: GRA 4214C or permission of instructor. This course is for future web designers that have a traditional design background and want to apply that knowledge to the web. This isn't an HTML course, the intent is to enhance web page planning, development, and creation. *(A material fee of \$30 will be assessed.)*
- ART 4710C - Advanced Sculpture** 3  
Prerequisite: ART 3707C or consent of instructor. This course will be for individual specialization in sculpture studio. The students are introduced to sculptural concepts and techniques with projects focusing on metals construction, casting and mixed media. May be repeated for a total of 12 credits. *(A material fee of \$40 will be assessed.)*
- ART 4736C - Sculpture: Enlivened Spaces** 3  
Prerequisite: ART 3707C. The Enlivened Space focuses on sculptural form as it develops in the creative inquiry of minimal, conceptual, installation and mixed media processes. Advanced and experimental methods used in alternative spaces are explored. *(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. *(A material fee of \$40 will be assessed.)*
- 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. *(A material fee of \$40 will be assessed.)*

- 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. *(A material fee of \$15 will be assessed.)*
- 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 4943 - Graphics Practicum** 3  
Field work in the profession is applicable to the student's competency for and the availability of an appropriate assignment in a specific area of commercial graphics. *(A material fee of \$30 will be assessed.)*
- 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 and GRA 3203C. 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  
Prerequisite: GRA2190C, PGY 1800C (Digital Photography for Designers). 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 throughout 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 (Graphic Design II), GRA 3203C (Prepress Production). 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 (Digital Photography for Designers), GRA 3880C (Illustration). 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 fundamental 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 3735 - Fundamentals of Multimedia Development** 3  
Prerequisite: ART 2605C. Students will acquire the skills needed to develop, design and produce basic web pages. Specific pre-packaged programs will be studied as the basis for all web page layout, design and delivery. The student will become familiar with languages used in the industry as well as study the future development of languages and current language changes.
- GRA 3833C - Motion Graphics** 3  
Prerequisites: PGY 1800C (Digital Photography for Designers), and GRA 3xxxC (Illustration). 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  
Prerequisites: GRA 2190C (Intro to Graphic Design), PGY 1800C (Digital Photography for Designers). The course surveys the broad field of illustration through studio projects that examine the varied requirement in areas such as advertising, editorial and book illustration. Projects challenge the student's 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 digit page design. *(A material fee of \$30 will be assessed.)*
- GRA 4137C - Advanced Web Design** 3  
Prerequisite: GRA 3523C (Intro to Web Design). 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 planning, site evaluation and collaboration. *(A material fee of \$30 will be assessed.)*
- GRA 4145C - Web Animation** 3  
Prerequisites: GRA 4214C and GRA 4137C. This course introduces students to Flash X, the web standard for vector graphics and animation, as well as Gif Animator and After Effects. *(A material fee of \$30 will be assessed.)*
- GRA 4151C - Illustration** 3  
Prerequisite: GRA 2190C. Illustration art techniques relevant to product and reproduction process as well as personal creativity in developing and mastering pictorial form for a variety of advertising media. *(A material fee of \$30 will be assessed.)*
- GRA 4154C - Advanced Illustration** 3  
Prerequisite: GRA 4151C. Advanced problems and techniques of conceptual and editorial illustration. Problems and demonstration in a variety of media-methods of presentation.
- GRA 4165C - Motion Graphics** 3  
Prerequisite: GRA 4137C or permission of instructor. Students will explore animated typography and graphics in 2D and 3D environments, digital video compositing and advanced special effect techniques. May be repeated for a total of 9 credits. *(A material fee of \$30 will be assessed.)*
- GRA 4186C - Senior Design Studio** 3  
Prerequisites: GRA 3183C (Graphic Design II), GRA 3512C (Corporate Identity) This course focuses on the refinement of student's problem-solving abilities through the advanced application of design process. They research and analyze topical subjects to create visual communication applications such as posters, 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 4186 (Senior Design Studio). 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: 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 (Corporate Identity). 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  
Prerequisites: Permission of instructor. Corequisites: BFA core. Students will explore the art of story telling and video editing using non-linear digital video editing. Students will examine the latest advances in desktop video applications, special effects and the role these new technologies play in video production. May be repeated for a total of 9 credits.
- GRA 4725C - Advanced Web Animation** 3  
Prerequisite: GRA 4145C. Students will develop advanced knowledge of scripting and animation techniques as they are used on the web and in new media presentations. Students will move from the creation of basic animated web pages to the development of stand-alone projects while working in a team environment. The incorporation of multiple programs will allow the student to learn composing techniques and streaming media output control. *(A material fee of \$30 will be assessed.)*
- 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 Designers** 3  
Prerequisite: ART 2605C (Basic Computer Images). This course will explore proper photographic techniques, including: framing an image, exposure settings and camera controls. Additional emphasis will be placed on computer 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 - Photography, Black and White** 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 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 for 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 Prints." 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 4220C - Advanced Photo Illustration** 3  
Prerequisites: PGY 2401C; PGY 3410C; 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 and PGY 3410C or permission of instructor. 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  
Senior Status photography students only. 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 or equivalent competence and JOU 2100. 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 - Botany** 4  
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 ZOO 2010C (General Biology III). 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 \$30 will be assessed.)
- BOT 3712C - Plant Systematics and Evolution** 4  
Prerequisites: BSC 1010C, BSC 1011C, and ZOO 2010C (General Biology III). 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 \$30 will be assessed.)
- BOT 4503C - Plant Anatomy and Physiology** 4  
Prerequisites: BSC 1010C, BSC 1011C, and ZOO 2010C (General Biology III). This course will investigate the anatomy, physiology and major biochemical pathways of the higher plants. (A laboratory fee of \$30 will be assessed.)
- BSC 1005C - Principles of Biology** 4  
This course is designed to introduce students to the science of 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 major areas of study within the discipline. (A laboratory fee of \$30 will be assessed.)
- 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 four hours of laboratory in this course. (A laboratory fee of \$30 will be assessed.)
- 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 2020C - Human Biology** 3  
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 \$25 will be assessed.)
- BSC 2085C - Human Anatomy and 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. Three hours lecture and four hours laboratory. (A laboratory fee of \$30 will be assessed.)
- BSC 2086C - Human Anatomy and 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. Three hours lecture and four hours laboratory. (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  
Prerequisites: BSC 1010C, BSC 1011C and ZOO 2010C (General Biology III). This course will investigate the major causes responsible for declining global biodiversity and its implications.
- BSC 3053 - Health Effects of Environmental Pollutants** 3  
Prerequisites: BSC 1011C and ZOO 2010C (General Biology III). 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, and ZOO 2010C (General Biology III). This course will offer an introduction to living in a marine environment, and will focus on the diversity 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 ZOO 2010C (General Biology III). 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 6 credits but only 4 hours may be used in the major elective area. Grading is on a pass/fail basis.

**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 enrolling 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 fee of \$30 will be assessed.*)

**MCB 3020C - Microbial Biology** 4

Prerequisites: BSC 1010C, BSC 1011C, ZOO 2010C (General Biology III), CHM 2045C and CHM 2046C. The diversity of the microbial world will be examined by characterizing the structure, nutritional 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 laboratory fee of \$30 will be assessed.*)

**MCB 3203 - Pathogenic Bacteriology** 3

Prerequisite: MCB 2010C (with instructor permission) or MCB 3930C. This course will develop into the biological basis of

infectious disease. It will emphasize bacterial infection, the principles of the host-parasite relationship, the pathogenic characteristics and virulence factors of microorganisms, and the various modes of action of antimicrobial agents. Three hours lecture.

**MCB 3212 - Biological and Medical Aspects of the Acquired Immune Deficiency Syndrome** 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.

**OCE 4930 - Selected 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 and Cell Biology** 4

Prerequisites: BSC 1010C, BSC 1011C, ZOO 2010C (General Biology III), 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 \$30 will be assessed.*)

**PCB 3043C - Ecology** 4

Prerequisites: BSC 1010C, BSC 1011C and ZOO 2010C (General Biology III). 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 \$30 will be assessed.*)

**PCB 3063C - Genetics** 4

Prerequisites: BSC 1010C, BSC 1011C, ZOO 2010C (General Biology III), CHM 2045C, CHM 2046C. Principles of classical and molecular genetics revealed by studies on nuclear and extranuclear inheritance. Three hours lecture, four hours laboratory. (*A laboratory fee of \$30 will be assessed.*)

**PCB 4067C - Molecular Basis of Inheritance** 4

Prerequisites: PCB 3063C (Genetics). 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**

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**

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**

Prerequisites: PCB 3043C, PCB 3063C or permission of 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-Darwinian views to present day controversies, and the key events that have lead to our current understanding of the subject.

**PCB 4713C - Physiology**

Prerequisites: PCB 30023C, 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 \$30 will be assessed.)

**PCB 4843 - Cellular and Molecular Neuroscience**

Prerequisite: PCB 3023C or by permission of the instructor. The course is an overview of structure-function relationships in the nervous system at the molecular level. Topics include development of neurons, neuron-specific gene expression, mechanisms of neuronal plasticity in learning and memory, synaptic release, molecular biology of neurological disorders, and molecular neuropharmacology.

**ZOO 2203C - Invertebrate Zoology**

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**

Prerequisites: BSC 1010C, BSC 1011C, and ZOO 2010C (General Biology III). 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 \$30 will be assessed.)

**ZOO 4234C - Parasitology**

Prerequisites: BSC 1010C, BSC 1011C, and ZOO 2010C (General Biology III). 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**

Prerequisites: BSC 1011C and ZOO 2010C (General Biology III). 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**

Prerequisites: BSC 1010C, BSC 1011C, and ZOO 2010C (General Biology III). 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 \$30 will be assessed.)

**ZOO 4715C - Introduction to Canine Anatomy**

Prerequisites: BSC 1010C, BSC 1011C, and ZOO 2010C (General Biology III). 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. (A laboratory fee of \$30 will be assessed.)

**ZOO 4753C - Histology**

Prerequisites: BSC 1010C, BSC 1011C, and ZOO 2010C (General Biology III). 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**

Prerequisites: BSC 1010C, BSC 1011C, and ZOO 2010C (General Biology III). This course will investigate the taxonomy, structure, physiology and ecology of the major evolutionary lineages of the insects. (A laboratory fee of \$30 will be assessed.)

**4 Chemistry****BCH 3023C - Bioorganic Chemistry**

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**

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.

**4 BCH 4033L - Biochemistry Laboratory**

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 will be assessed.)

**CHM 1025C - Introduction to Chemistry**

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**

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.)

#### **CHM 2046C - General Chemistry II**

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.)

#### **CHM 2210 - Organic Chemistry I**

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 2210L.

#### **CHM 2210L - Organic Chemistry I Laboratory**

Note: Students are required to bring a combination lock to class on the first day of lab. 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. (A laboratory fee of \$25 will be assessed.)

#### **CHM 2211 - Organic Chemistry II**

Prerequisite: CHM 2210, CHM 2210L. A continuation of CHM 2210. Natural Science majors must co-enroll in CHM 2211L. Three hours lecture.

#### **CHM 2211L - Organic Chemistry II Laboratory**

Note: Students are required to bring a combination lock to class on the first day of lab. 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. (A laboratory fee of \$25 will be assessed.)

#### **CHM 2930 - Selected Topics in Chemistry**

Prerequisite: Permission of instructor. Variable topics in chemistry appropriate for students in their freshman or sophomore years.

#### **CHM 3120C - Quantitative Analytical Chemistry**

Note: Students are required to bring a combination lock to class on the first day of lab. Prerequisite: CHM 2046C or equivalent. Principles and practice of quantitative analysis with emphasis on gravimetric and titrimetric methods. Three hours lecture, four hours laboratory. (A laboratory fee of \$25 will be assessed.)

#### **CHM 3610C - Inorganic Chemistry**

Note: Students are required to bring a combination lock to class on the first day of lab. 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. (A laboratory fee of \$25 will be assessed.)

#### **CHM 4130C - Modern Analytical Chemistry**

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 4260C - Advanced Organic Chemistry**

Note: Students are required to bring a combination lock to class on the first day of lab. 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. (A laboratory fee of \$25 will be assessed.)

#### **CHM 4410C - Physical Chemistry I**

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 4411C - Physical Chemistry II**

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 4473 - Introduction to Quantum Chemistry**

Prerequisite: CHM 4411C. The application of Schrodinger's equation to the problems of atomic structure and chemical bonding. Three hours lecture.

#### **CHM 4910 - Chemical Research**

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 4930 - Selected Topics in Chemistry**

Prerequisite: Permission of instructor. Variable topics as related to recent advances in chemistry. May be repeated for a total of 12 credits.

#### **CHM 4931 - Senior Seminar in Chemistry**

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 4970 - G(3) Honors Research**

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.

#### **CHS 4445 - Environmental Chemistry**

Prerequisites: CHM 3120C, CHM 2210, 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 4445L - Environmental Chemistry Laboratory** 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.)
- Communications**
- 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 Copy Writing** 3  
Prerequisites: ADV 3000 and MMC 3105. Preparation and production of advertising copy for all media.
- ADV 3200C - Advertising Design** 3  
Prerequisites: ADV 3000 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 3000 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 3000, 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  
Prerequisites: None. 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: SPC 2600 (Public Speaking), COM 2000 (Introduction to Communication Studies), or permission of instructor. This course will introduce theories regarding the role of dyadic interaction in both personal and professional contexts. Topics include relational development, perception, self-concept, listening, language, nonverbal communication, culture, emotions, and conflict.
- COM 3120 - Organizational Communication** 3  
Prerequisites: SPC 2600 (Public Speaking), COM 2000 (Introduction to Communication Studies) or its equivalent or permission of instructor. 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: Theories and Methods** 3  
Prerequisites: COM 2000 (Introduction of Communication Studies), SPC 2600 (Public Speaking) 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 broadcaster, a news reporter, and an academic. In addition, students will learn theories of the role of an interviewee. This course emphasizes researching and applying interviewing theory.
- COM 3440 - Small Group Communication** 3  
Prerequisites: SPC 2600 (Public Speaking) COM (Introduction to Communication Studies). 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 - St.: Topics in Communication** 3  
Prerequisites: MMC 3614 (Media Theories and Effects) or permission of instructor. Topics or issues of importance in communication studies form the focus of this course. May be repeated for up to nine credits under different topics/issues.
- COM 4022 - Theory and Research Methods in Health Communication** 3  
Prerequisites: COM 3042 (Interpersonal Communication) or by permission of instructor. This course focuses 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 and Research Methods** 3  
Prerequisites: COM 2000 (Introduction to Communication Studies), SPC 2600 (Public Speaking) 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. Difference 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 and Popular Culture** 3  
Prerequisites: MMC 3614 (Media Theories and Effects) or permission of instructor. This course treats selected media means, whether television, advertising, film, sports, music, fiction, or some other means by which a culture is formed through communication. Students could investigate popular icons, rituals, myths, archetypes, formulas, or heroes/heroines as elements in the collective experience that reflect and contribute to the formation of culture's beliefs, mores, customs, attitudes, laws or the like. How popular culture is constructed, deconstructed, and maintained and how gender, ethnicity, or class are factors in culture reception as media, through its various elements, communicate to respond to or create apparent needs in a mass society. The class will apply theories, such as semiotics, genre theory, and ideology to interpret media events as means for communicating and forming/reforming culture. A guiding question is: What do particular

popular cultural artifacts communicate, and how do they function in the life of a culture? Another is: What is gained, damaged, or lost as media participate in virtually every aspect of a culture?

**COM 4430 - International Communication** 3

Prerequisites: COM 2000 (Introduction to Communication Studies), MMC 3614 (Media Theories and Effects) 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 media 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. Through this experiential, problem-based course, students will be challenged to view international communication problems through the eyes of other nations (some of them hostile to the United States) in order to understand the differing needs, conditions, and perspectives of countries around the world.

**COM 4905 - Independent Study in Communication Studies** v. 1 - 3

Prerequisites: 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 - St.: Seminar in Communication** 3

Prerequisites: 18 credits at "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 inquiry and serious focused discussion.

**JOU 3101 - Advanced Reporting** 3

Prerequisite: MMC 3105. 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.

**JOU 3204 - Principles of Journalism** 3

This course offers an historical investigation of American journalism. The course examines American journalistic development and history as a product of the social, cultural, historical, and political environment.

**JOU 3302 - Writing Editorials, Columns and Critical Reviews** 3

Prerequisites: MMC 3105 and JOU 3101. This course introduces students to the practice of persuasive or opinion writing through the writing of editorials, columns and critical reviews.

**JOU 3308 - Magazine Feature Writing** 3

Prerequisites: MMC 3105 and JOU 3101. 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.

**JOU 3925 - Applied Journalism (Print)** 3

Prerequisites: MMC 3105 and JOU 3101 or consent of the instructor. 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.

**JOU 3930 - Special Topics** 3

This course will explore issues in journalism.

**JOU 4117 - Seminar in Reporting Techniques** 3

Prerequisites: MMC 3105 and JOU 3101 or consent of the instructor. 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.

**JOU 4202 - Advanced Newspaper Editing** 3

Prerequisites: MMC 3614, MMC 3105, and JOU 3101. 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.

**JOU 4412 - Advanced Newspaper Design** 3

Prerequisites: MMC 3614, MMC 3105, JOU 3204, JOU 3101 and JOU 4202. 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.

**MMC 1004 - Media Literacy** 3

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.

**MMC 2701 - CD - Communicating Across Cultures** 3

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.

**MMC 2932 - Special Topics in the Mass Media** 3

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.

**MMC 3105 - Advanced Writing for the Media** 3

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. **High demand limits the number of times a student may take MMC 3105. Students may take this course no more than two times.**

**MMC 3200 - Law and Ethics in Communication** 3

Prerequisite: MMC 3422. Study of mass communications ethics, codes and performance. First Amendment law, libel, privacy and other legal aspects of communications are explored. Case-study questions.

- MMC 3402 - Political Advertising** 3  
 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.
- MMC 3609 - Public Opinion and Persuasion** 3  
 Prerequisite: MMC 3614. Studies on theories and research findings on opinion formation. Relationship of the communication process, persuasion and attitude change. Functions of communication in diffusion of information and opinion formation.
- MMC 3614 - Media Theories and Effects** 3  
 This course introduces the student 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.
- MMC 3620 - International Study in Communication** v. 1 - 6  
 Students can earn up to six hours of credit through the study abroad 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.
- MMC 3932 - Special Topics in Mass Communication** 3  
 Prerequisites: MMC 3614 and MMC 3105. 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 or permission of instructor. 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 Communication Research** 3  
 Prerequisite: 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: Admission to Honors in the Major - 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 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. The Mass Communication faculty firmly believes that all mass communication students should engage in a professional internship that provides a significant, realistic component to the student's education. The focus of the internship is not in isolation, but in the larger framework of the student's education. Credit for such professional experience should be noted on the transcript. Academic credit for this course is limited to one three-hour course. The Communication faculty recognizes that there may be exceptional cases that prevent a student from participating in a professional internship. It is assumed, however, that exceptions to the internship will be extremely rare and only after the student has submitted his or her request and justification in writing. **Option 1:** A substantial research paper. **Option 2:** A major project in the student's field that allows the faculty to fully evaluate the student's skills.
- 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 (Advanced Writing for Media), PUR 3000 (Principles of Public Relations), PUR 3100 (Public Relations Writing) and PUR 4801 (Public Relations Case Studies) 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 - Television Production/Visual Arts Television** 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 Television Announcing** 3  
Prerequisites: 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  
Prerequisite: 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  
Prerequisite: 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 this 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 differing 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 students 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 analyses, screenings and papers.
- RTV 4408 - Non-Fiction Programs: A Critical Analysis** 3  
Prerequisites: RTV 3000, RTV 3101 or permission 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 analyses, 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  
Prerequisite: 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.
- Criminal Justice**
- CCJ 2002 - Crime in America** 3  
This General Education 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  
Prerequisite: CCJ 2002. This course offers a comprehensive analysis and critique of a variety of criminal justice systems. Community and private systems are employed to introduce the more common public justice models. Current models of American justice are compared to others, both domestic and foreign.
- CCJ 3501 - Juvenile Delinquency and 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 - Methods Of Research In Criminal Justice** 3  
Prerequisite: 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 and 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 and 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 Administration** 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 in 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 - Criminal Justice Pre-Internship Seminar** 3  
Prerequisites: Must be completing the Criminal Justice core courses, 2.0 GPA (overall), and instructor permission. This course is designed to acquaint criminal justice majors with the requirements of the criminal justice internship and prepare them for the internship experience. Students will examine possible internship placements in the community. Additionally, students will be exposed to basic skills needed in most criminal justice agencies such as interviewing and writing reports.
- CCJ 4940 - Internship in Criminal Justice** 3  
Prerequisites: Must be completing the Criminal Justice core courses, 2.0 GPA (overall), and instructor permission. A planned program of experience in one or more criminal justice agencies. Supervised placement consisting of a total of 180 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 and Processes** 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 and 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 and 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 usage.
- CJE 3281 - Women and 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 Systems and Processes** 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 and 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 and 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 and Procedures II** 3  
Prerequisite: CJL 3410. 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 and Procedures I** 3  
Prerequisite: 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 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 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.
- Economics**  
Economics courses are listed in the Coggin College of Business course description section.
- History**
- AFH 3450 - South Africa** 3  
This class investigates the origins and developments 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 - United States 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 and 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 - The United States 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 - The 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 artists 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 - 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 – low country, 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 - The 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 - The 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 - The 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 - The 1960s and Vietnam** 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 will introduce 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 student 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: US 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  
Prerequisite: HIS 3051 or permission of the instructor. The seminar will investigate topics, eras, or themes in U.S. history in the 19th century. Topics, eras or themes may vary.
- AMH 4491 - Seminar: Local History** 3  
Prerequisite: HIS 3051 or permission of instructor. A research and writing workshop intended for any upper-level student seriously interested in local history. Although the focus of the seminar is the Northeast Florida region, the techniques learned should be equally applicable to any locality in the U.S.
- AMH 4497 - Seminar: History of the American City** 3  
Prerequisite: HIS 3051 or permission of instructor. Urban America since World War II; federal-city relations, suburbanization and sprawl, urban minorities, urban culture, downtown revitalization, and the rise of the Sunbelt. Special attention will be given to Jacksonville.
- AMH 4514 - Seminar: U.S. Diplomacy** 3  
Prerequisite: HIS 3051 or permission of instructor. 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.
- AMH 4906 - Directed Individual Study** v. 1 - 3  
Prerequisite: Written consent of the instructor. May be repeated for 6 credits with consent of chairperson.
- ASH 3200 - FC - Ancient Near East** 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.
- ASH 3223 - CD - FC - Middle East** 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.
- 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 3402 - Traditional China** 3  
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 appointment from heaven-who collectively flaunted, challenged, and reshaped its structure.
- ASH 3404 - Modern China** 3  
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; democracy and communism.
- ASH 3440 - CD - FC - Japanese Civilization** 3  
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.
- ASH 3441 - Japan Before 1868** 3  
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.
- ASH 3444 - Japan After 1868** 3  
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 3448 - CD - FC - Hiroshima**  
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 3601 - FC - Chinese Philosophy**  
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 3620 - FC - Asian Art and Culture**  
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**  
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: Asian History**  
Prerequisite: HIS 3051 or permission of instructor. This course is a seminar in Asian 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.
- ASN 2003 - CD - Introduction to Asia**  
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**  
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**  
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.
- EUH 1001 - G(W) Freshman Core II**  
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.
- EUH 2957 - Core Abroad: Landmarks of Western Civilization**  
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 and Roman Myth**  
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**  
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**  
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**  
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 and Power: Europe 1660-1789**  
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**  
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**  
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**  
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, bystanders and rescuers, victims and survivors, and those who continue to bear witness.
- EUH 3312 - History of Spain**  
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**  
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.

- EUH 3403 - FC - Ancient Greece** 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.
- EUH 3411 - FC - Ancient Rome** 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.
- EUH 3451 - France Since 1789** 3  
Examines political, social, economic, and cultural aspects of French history since the Revolution.
- EUH 3466 - FC - Germany Today** 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.
- EUH 3502 - Modern Britain** 3  
Examines the political, economic and social transformations of the United Kingdom from 1714 to present.
- EUH 3511 - Tudor-Stuart England, 1485-1714** 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.
- 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 - The Making of Modern Ireland** 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.
- EUH 3576 - Russia Since 1905** 3  
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 3580 - CD - FC - Russian Thought and Culture** 3  
This course is a survey of religion, art, architecture, literature, and other aspects of Russian thought and culture. Topics include religious and artistic expression in medieval Russia; secular transformations 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 3581 - Russia in Asia** 3  
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 3932 - Selected Topics: European History** 3  
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 3957 - European History Abroad** v. 1 - 3  
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 semester hours.
- EUH 4294 - Seminar: Modern Europe** 3  
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 4404 - The Peloponnesian War** 3  
Prerequisite: HIS 3051 or permission of instructor. This seminar will examine the causes, strategies, events, and personalities of one of the greatest conflicts of the ancient world. Students will study Thucydides' history and other ancient Greek sources (in translation) to come to an understanding of the war and the methodology of the ancient historian.
- EUH 4932 - Seminar: Ancient/Medieval History** 3  
Prerequisite: HIS 3051 or permission of instructor. This course is a seminar in ancient or medieval European history. The topic will vary with the instructor. The course may be repeated up to 5 times for a total of 15 credit hours under different topics.
- HIS 2930 - Selected Topics** v. 1 - 4  
Variable topics in history. May be repeated for a maximum of 6 credits.
- HIS 3051 - G(W) The 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. Counts toward satisfaction of Gordon Rule 6A-10.30.
- 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 and 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, and Metropolis** 3  
This course examines the evolving historical relationship between cities and nature from the early 1800's to the present time. Studying the way that Chicago, Berlin, Tampa/St. Petersburg, New Orleans, and other cities have transformed nature, and vice versa, 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 and 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 and Society** 1

This course offers a series of intensive historical case studies of 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** 3

May be repeated for a total of 18 credits under different topics.

**HIS 4906 - Directed Individual Study** v. 1 - 4

Prerequisite: Written consent of the instructor. May be repeated for a total of 6 credits under different topics.

**HIS 4936 - Seminars** 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 are required. Provides a supervised work experience in an area historical, archaeological or cultural organization. Students must work at least 160 hours per semester. May be repeated for up to 6 credits.

**HIS 4970 - G(W) 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.

**HUM 2210 - Western Humanities** 3

Prerequisite: EUH 1000 and EUH 1001 or comparable lower-level courses in world history. Classical and medieval humanities: 500 B.C. to 1500 A.D. An interdisciplinary, historically oriented study of some of the most important and enduring ideas fundamental to the development of Western civilization as embodied in selected works of literature, philosophy, religion, art and music. A survey course taught in lecture format. Sequential credit suggested but not mandatory.

**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 Hapsburg 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 - Aztecs/Incas/Mayas** 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 - Selected 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.

**Liberal Arts**

**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 six semester hours.

**IDS 4910 - Liberal Studies Exposition** 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.

**Linguistics**

**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.



<b>LIN 3930 - Special Topics in Linguistics</b>	<b>3</b>	<b>CRW 4424 - Playwrights' Project</b>	<b>4</b>
Prerequisite: LIN 3010 or equivalent. Topics of importance in the study of language. May be repeated up to 12 credits under different topics.		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.	
<b>LIN 4930 - Special Topics in Linguistics</b>	<b>1 - 3</b>	<b>CRW 4905 - Tutorial in Creative Writing</b>	<b>3</b>
Prerequisite: LIN 3010 or equivalent. Topics of importance in the study of language. May be repeated up to 12 credits under different topics.		Prerequisite: Senior standing and permission of instructor. Tutorial in creative writing; topic to be agreed upon with instructor. May be repeated for a total of 12 credits.	
<b>Literature</b>			
<b>AML 3031 - G(W) Periods of Early American Literature</b>	<b>3</b>	<b>ENC 1101 - G(W) College Writing</b>	<b>3</b>
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.		This course is an introduction to writing at the college level.	
<b>AML 3041 - G(W) Periods of Later American Literature</b>	<b>3</b>	<b>ENC 1102 - G(W) The Informed Writer</b>	<b>3</b>
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.		Prerequisite: ENC 1101. In this course students write various kinds of expository prose, including some informed by research.	
<b>AML 3102 - G(W) American Fiction</b>	<b>3</b>	<b>ENC 3250 - G(W) Professional Communications</b>	<b>3</b>
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. 3000 words of Gordon Rule 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. 6000 words of Gordon Rule credit.	
<b>AML 3154 - American Poetry</b>	<b>3</b>	<b>ENC 3310 - G(W) Writing Prose</b>	<b>3</b>
American poetry from the colonial period to the present, with variable emphasis. See department office for reading list.		Prerequisite: ENC 1101 and ENC 1102. 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. 6000 words of Gordon Rule credit.	
<b>AML 3621 - G(W) Black American Literature</b>	<b>3</b>	<b>ENC 3324L - G(W) Advanced Composition Laboratory</b>	<b>1</b>
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. 3000 words of Gordon Rule credit.		3000 words of Gordon Rule credit. Offered as a lab in conjunction with a literature course. Students complete further writing assignments. Courses accompanied by this lab may be used toward satisfaction of Gordon Rule 6A-10.30. May be repeated for a total of 4 credits.	
<b>AML 4225 - Studies in 19th Century American Literature</b>	<b>3</b>	<b>ENC 3930 - Topics in Theory and/or Practice in Composition</b>	<b>3</b>
Prerequisite: At least one literature course at the 3000 level or permission of instructor. Readings in 19th century American literary texts. Focus will differ with each offering. See department office for reading list.		Prerequisite: Junior standing or permission of instructor. Topics of importance in theory and/or practice in composition.	
<b>AML 4242 - Studies in 20th Century American Literature</b>	<b>3</b>	<b>ENC 4930 - Topics in Theory and/or Practice in Composition</b>	<b>3</b>
Prerequisite: At least one literature course at the 3000 level or permission of instructor. Readings in 20th century American literary texts. Focus will differ with each offering. See department office for reading list.		Prerequisite: Senior standing or permission of instructor. Topics of importance in theory and/or practice in composition. May be repeated for a total of 12 credits under different topics.	
<b>CLT 4110 - Classical Background of Western Literature</b>	<b>3</b>	<b>ENG 3132 - G(W) Studies in Film</b>	<b>3</b>
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: Sophomore, junior, or senior standing; freshmen need permission from instructor. This course will vary in content with each offering. For example, it may focus on Race in Film; Gender in Film; Film, 1960-1980; Paranoia and Revolution; Mythic Film Stars and American Culture. Each term features a different topic. Repeatable once.	
<b>CRW 3015 - Writer's Workshop</b>	<b>3</b>	<b>ENG 3603 - G(W) American Film</b>	<b>3</b>
May be repeated for a total of 6 credits.		Prerequisite: Sophomore, junior, or senior standing; freshmen need permission from instructor. This course treats film as a way of studying American culture and the development of filmmaking in the U.S. Various critical approaches will help the class understand and articulate the way we as a people see ourselves and create the values of our lives through film. Film genres, myth, cultural milieu, gender, and other considerations help the class see films as carriers of ideological, mythic elements of American life.	
<b>CRW 3930 - Special Topics in Creative Writing</b>	<b>3</b>		
Prerequisite: Junior standing or permission of instructor. Topics of importance in theory and/or practice in composition. Course may be repeated up to 12 credits with different topics.			

- ENG 3930 - Topics in Criticism & Interpretation of Literature** 3  
Prerequisite: Junior standing or permission of instructor. Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.
- ENG 4013 - Approaches to Literary Interpretation** 3  
Prerequisite: One upper-level literature course. Applied criticism of principal modern approaches, including psychological, formalist, and mythic. Students read theory and model criticism, practicing interpretation with various genres.
- ENG 4105 - Film as Literature** 3  
Film as a means of communication and literary form, with attention to selected film history and technology, film signs and syntax, film terminology and some film theory. Study process involves viewing, reading about, discussing and writing about a film each week.
- ENG 4505 - G(W) International Film** 3  
Prerequisite: Sophomore, junior, or senior standing. 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.
- ENG 4905 - Tutorial in Criticism and Interpretation of Literature** 3  
Prerequisite: Junior standing and permission of instructor. Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.
- ENG 4930 - Topics in Criticism and Interpretation of Literature** 3  
Prerequisite: Senior standing and permission of instructor. Topics in criticism and interpretation of literature. May be repeated for a total of 12 credits under different topics.
- ENG 4933 - Seminar** 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.
- 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.
- 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.
- 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.
- 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 - Studies in Restoration and 18th Century English 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 - Studies in 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.
- LIS 1001 - Beginning Library and Information 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.
- LIT 2930 - G(W) Special Topics in Literature** 3  
Variable topics in literature. May be repeated up to 6 credits with different topics.
- LIT 2932 - G(W) Themes and Types in Literature** 3  
Prerequisite: ENC 1101 and LIT 2110. This course focuses on a theme or type chosen by the instructor, with attention to the nature of literary form.
- 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.
- 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) Introduction to Irish Literature and Culture** 3  
This course provides an overview of Irish literature and culture, from their Celtic origins to the present.

<b>LIT 3193 - FC - G(W) Literature of the East</b> 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.	<b>3</b>	<b>LIT 4243 - Major Authors</b> Prerequisite: Junior standing or permission of instructor. Study of writings by one or more authors. Variable topics. May be repeated up to 12 credits under different topics.	<b>3</b>
<b>LIT 3304 - G(W) Literature of Popular American Culture</b> 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.	<b>3</b>	<b>LIT 4650 - Comparative Literature</b> Prerequisite: LIT 2932 or equivalent or permission of instructor. Variable topics; world literatures in translation. Course may be repeated up to 12 credits under different topics.	<b>3</b>
<b>LIT 3331 - G(W) Children's Literature</b> This course examines literature for children from social, psychological, educational, and other points of view.	<b>3</b>	<b>LIT 4905 - Independent Study</b> Prerequisite: Consent of instructor and department chairperson. Tutorials or senior theses handled under this title. May be repeated up to 12 credits under different topics and permission of department.	<b>1 - 3</b>
<b>LIT 3333 - G(W) Adolescent Literature</b> This course examines literature for adolescents from social, psychological, educational, and other points of view.	<b>3</b>	<b>LIT 4930 - Special Topics in Literature</b> Prerequisite: Junior standing or permission of instructor. Topics of importance in literature. Course may be repeated up to 12 credits under different topics.	<b>1 - 3</b>
<b>LIT 3408 - Approaches to Literature: Myth</b> 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.	<b>3</b>	<b>LIT 4931 - Special Topics in Cultural Studies</b> 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.	<b>3</b>
<b>LIT 3420 - Approaches to Literature: Psychology</b> Readings in major theories of psychology and in literary works to which they apply.	<b>3</b>	<b>LIT 4934 - Seminar in Literature</b> Prerequisites: 4 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.	<b>3</b>
<b>LIT 3930 - Special Topics</b> Prerequisite: Sophomore standing or permission of instructor. Variable topics in literature. May be repeated up to 12 credits under different topics.	<b>3</b>	<b>LIT 4935 - G(W) Literary Themes</b> 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.	<b>3</b>
<b>LIT 4041 - Studies in Drama</b> 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.	<b>3</b>	<b>Mathematics and Statistics</b>	
<b>LIT 4083 - Studies in Modern Literature</b> 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.	<b>3</b>	<b>MAA 4200 - Mathematical Analysis</b> 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.)	<b>4</b>
<b>LIT 4093 - Contemporary Literature</b> 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.	<b>3</b>	<b>MAA 4211 - G(M) Advanced Calculus I</b>	<b>4</b>
<b>LIT 4104 - Studies in Medieval Literature</b> 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.	<b>3</b>	<b>MAA 4212 - G(M) Advanced Calculus II</b> 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.	<b>3</b>
<b>LIT 4186 - Studies in Irish Literature</b> Prerequisite: Junior standing or permission of instructor. 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.	<b>3</b>	<b>MAA 4402 - G(M) Complex Analysis</b> 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.	<b>3</b>

<b>MAC 1105 - G(M) College Algebra</b> 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.	<b>3</b>	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. Students may not receive credits for MAP 4231 and also for STA 4603.	
<b>MAC 1114 - G(M) Trigonometry</b> 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.	<b>2</b>	<b>MAP 4341 - Elementary Partial Differential Equations</b> 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.	<b>3</b>
<b>MAC 1147 - G(M) Precalculus</b> 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.	<b>4</b>	<b>MAS 3105 - G(M) Linear Algebra</b> Prerequisite: MAC 2312. Systems of linear equations, matrices, vector spaces, linear transformations, eigenvectors and eigenvalues.	<b>4</b>
<b>MAC 2233 - G(M) Calculus for Business</b> 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).	<b>3</b>	<b>MAS 3203 - G(M) Number Theory</b> Prerequisite: MAC 2312. An investigation of properties of the integers, including the Euclidean and division algorithms, prime factorization; Diophantine equations, and congruences.	<b>3</b>
<b>MAC 2241 - Calculus for Biology</b> Prerequisite: MAC 1147 (Precalculus). This course is a one semester introduction to differential and integral calculus. Applications will emphasize biological sciences. Students cannot receive credit for this course and also for MAC 2311 (Calculus I) or MAC 2233 (Calculus of Business).	<b>4</b>	<b>MAS 4156 - Vector Analysis</b> 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.	<b>3</b>
<b>MAC 2311 - G(M) Calculus I</b>	<b>4</b>	<b>MAS 4301 - G(M) Abstract Algebra</b> 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.	<b>4</b>
<b>MAC 2312 - G(M) Calculus II</b> 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.	<b>4</b>	<b>MAS 4932 - Capstone Experience in Mathematics</b> 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.)	<b>2</b>
<b>MAC 2313 - G(M) Calculus III</b> Prerequisite: MAC 2312. A third course in calculus designed to cover calculus of functions of several variables.	<b>4</b>	<b>MAT 3930 - Selected Topics in Mathematical Science</b> May be repeated for a total of 12 credits with permission of department.	<b>v. 1 - 3</b>
<b>MAD 3107 - G(M) Discrete Mathematics</b> Prerequisite: MAC 2312. Review of sets, mappings and relations. Topics from graph theory and combinatorics.	<b>3</b>	<b>MAT 4906 - Directed Individual Studies</b> May be repeated for a total of 12 credits with permission of department.	<b>v. 1 - 3</b>
<b>MAD 4401 - G(M) Numerical Analysis</b> 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.	<b>3</b>	<b>MAT 4931 - Special Topics in Mathematical Science</b> Prerequisites: Variable. May be repeated for a total of 12 credits with permission of department.	<b>3</b>
<b>MAP 2302 - G(M) Ordinary Differential Equations</b> 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.	<b>3</b>	<b>MAT 4937 - Seminars</b> May be repeated for a total of 12 credits with permission of department.	<b>v. 1 - 3</b>
<b>MAP 4231 - G(M) Operations Research</b> Prerequisites: MAS 3105 and STA 4321. This course provides an	<b>3</b>	<b>MGF 1106 - G(M) Finite Mathematics</b> 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.	<b>3</b>
		<b>MGF 1107 - G(M) Explorations in Mathematics</b> 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.	<b>3</b>

<b>MGF 1113 - G(M) Mathematics for Teachers I</b>	<b>3</b>	<b>STA 3032 - G(M) Probability and Statistics for Engineers</b>	<b>3</b>
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.		Prerequisite: MAC 2312. This course is a survey of the basic concepts in probability and statistics with applications in electrical, mechanical, and civil engineering. Topics include probability, common discrete and continuous probability distributions, estimation and hypothesis testing, and simple regression. (Cannot be used to satisfy degree requirements by mathematics and statistics majors).	
<b>MGF 1114 - G(M) Mathematics for Teachers II</b>	<b>3</b>	<b>STA 3163 - G(M) Statistical Methods I</b>	<b>4</b>
Prerequisite: MGF 1113. This course provides an introduction to Irrational Numbers and Real Numbers, Elementary Logic, Number Theory, Proportional Reasoning, Statistics and Analyzing Data, Probability, Algebra and Coordinate Geometry.		<b>STA 3164 - G(M) Statistical Methods II</b>	<b>3</b>
<b>MHF 3202 - Foundations of Mathematics</b>	<b>3</b>	Prerequisite: MAC 1105 or MAC1147. This course 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.	
Prerequisite: MAC 2312. 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.		<b>STA 4202 - G(M) Design of Experiments</b>	<b>3</b>
<b>MHF 3404 - G(M) History of Mathematics</b>	<b>3</b>	Prerequisite: STA 4321 or STA 2014 or STA 2023. 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.	
Prerequisite: MAC 2312. 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.		<b>STA 4222 - G(M) Design of Sample Surveys</b>	<b>3</b>
<b>MTG 3203 - G(M) Geometry for Middle School Teachers</b>	<b>3</b>	Prerequisite: STA 4321 or STA 2014 or STA 2023. This course is an introduction to the techniques used to conduct sample surveys. Topics covered include simple random sampling, systematic sampling and cluster sampling.	
Prerequisites: 9 hours of college mathematics. 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.		<b>STA 4321 - G(M) Probability and Statistics</b>	<b>4</b>
<b>MTG 3212 - G(M) Modern Geometry</b>	<b>3</b>	Prerequisites: MAC 2312. Probability, distributions of random variables, moments. Estimation and hypothesis testing, theory and methods.	
Prerequisite: MHF 3202. Foundations, models, and theorems of Euclidean and noneuclidean geometries.		<b>STA 4322 - G(M) Statistical Theory</b>	<b>3</b>
<b>MTG 4302 - G(M) Elementary Topology</b>	<b>3</b>	Prerequisites: MAC 2313 and STA 4321. Topics will include special continuous distributions, properties of estimators, sufficiency, consistency, minimum variance, and multivariate normal distributions.	
Prerequisites: MAC 2313 and MHF 3202. Topological spaces, metric spaces, continuity and homeomorphisms, connectedness, compactness.		<b>STA 4445 - G(M) Probability Models</b>	<b>3</b>
<b>STA 2014 - G(M) Elementary Statistics for Health and Social Sciences</b>	<b>3</b>	Prerequisites: STA 4321 and MAS 3105. 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.	
Prerequisite: MAC 1105 or MAC 1147. 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).		<b>STA 4502 - G(M) Nonparametric Methods in Statistics</b>	<b>3</b>
<b>STA 2023 - G(M) Elementary Statistics for Business</b>	<b>3</b>	Prerequisites: STA 4321, STA 2014 or STA 2023. This course studies topics such as statistical inference when the form of the parent population is unknown. The course topics include one-sample and two-sample tests based on ranks; Kolmogorov-Smirnov type tests; and rank correlations.	
Prerequisite: MAC 1105 or MAC 1147. 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).		<b>STA 4504 - G(M) Categorical Data Analysis</b>	<b>3</b>
		Prerequisites: STA 2014 or STA 2023. The Categorical Data Analysis 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 tables and applications of life tables, contingency tables, multiple 2x2 tables, correlation, logistic regression, and survival analysis.	
		<b>STA 4664 - Statistical Quality Control</b>	<b>3</b>
		Prerequisite: STA 2014 or STA 4321 or STA 2023. An introduction to the methods of statistical quality control. Topics covered include control charts, acceptance sampling and experimental design.	

<b>STA 4906 - Directed Individual Studies</b>	<b>v. 1 - 3</b>	<b>MVB 2325 - Applied Tuba</b>	<b>2</b>
Prerequisite: Variable. May be repeated for 12 credits with permission of department.		Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
<b>STA 4930 - Special Topics in Statistics</b>	<b>v. 1 - 3</b>	<b>MVB 3331 - Applied Trumpet</b>	<b>2</b>
Prerequisite: Variable. May be repeated for 12 credits with permission of department.		Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
<b>STA 4935 - Seminar in Statistics</b>	<b>v. 1 - 3</b>	<b>MVB 3332 - Applied French Horn III</b>	<b>2</b>
Prerequisite: Variable. May be repeated for 12 credits with permission of department.		Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	
<b>STA 4945 - Capstone Experience in Statistics</b>	<b>2</b>	<b>MVB 3333 - Applied Trombone</b>	<b>2</b>
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.)		Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
<b>Applied Music</b>			
All applied music courses are to be repeated one time for credit.			
<b>MVB 1311 - Applied Trumpet</b>	<b>2</b>	<b>MVB 3334 - Applied Euphonium</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. This course consists of individual instruction in euphonium with a private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
<b>MVB 1312 - Applied French Horn I</b>	<b>2</b>	<b>MVB 3335 - Applied Tuba</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	
<b>MVB 1313 - Applied Trombone</b>	<b>2</b>	<b>MVB 4341 - Applied Trumpet</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	
<b>MVB 1314 - Applied Euphonium</b>	<b>2</b>	<b>MVB 4342 - Applied French Horn IV</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 8 credits.	
<b>MVB 1315 - Applied Tuba</b>	<b>2</b>	<b>MVB 4343 - Applied Trombone</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	
<b>MVB 2321 - Applied Trumpet</b>	<b>2</b>	<b>MVB 4344 - Applied Euphonium</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in trumpet. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	
<b>MVB 2322 - Applied French Horn II</b>	<b>2</b>	<b>MVB 4345 - Applied Tuba</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in French horn. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.		Prerequisite: Consent of instructor. Individual instruction in tuba. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	
<b>MVB 2323 - Applied Trombone</b>	<b>2</b>	<b>MVJ 1010 - Jazz Piano I</b>	<b>1</b>
Prerequisite: Consent of instructor. Individual instruction in trombone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: Music major or consent of 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.	
<b>MVB 2324 - Applied Euphonium</b>	<b>2</b>	<b>MVJ 1210 - Jazz Piano II</b>	<b>1</b>
Prerequisite: Consent of instructor. Individual instruction in euphonium. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.		Prerequisite: 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.			
<b>MVJ 1319 - Applied Set Drums</b>	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.			
<b>MVJ 1743 - Jazz Guitar Master Class I</b>	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.			
<b>MVJ 2329 - Applied Set Drums</b>	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.			
<b>MVJ 3339 - Applied Set Drums</b>	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.			
<b>MVJ 4349 - Applied Set Drums</b>	2		
Prerequisite: Consent of instructor. Individual instruction in set drums. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.			
<b>MVK 1111 - Class Piano I</b>	1		
Fundamentals of piano. One class hour per week. May be repeated for a total of 2 credits.			
<b>MVK 1112 - Class Piano II</b>	1		
Continuation of MVK 1111. Fundamentals of piano. One hour class per week. May be repeated for a total of 2 credits.			
<b>MVK 1311 - Applied Piano</b>	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.			
<b>MVK 1313 - Applied Organ</b>	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.			
<b>MVK 2121 - Class Piano III</b>	1		
Continuation of MVK 1112. Fundamentals of piano. One hour class per week. May be repeated for a total of 4 credits.			
<b>MVK 2122 - Class Piano IV</b>	1		
Continuation of MVK 2121. Fundamentals of piano. One hour class per week. May be repeated for a total of 4 credits.			
<b>MVK 2321 - Applied Piano</b>	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.			
<b>MVK 2323 - Applied Organ</b>	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.			
<b>MVK 3331 - Applied Piano</b>	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.			
<b>MVK 3333 - Applied Organ</b>	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.			
<b>MVK 3631 - Piano Pedagogy I</b>	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.			
<b>MVK 3632 - Piano Pedagogy II</b>	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.			
<b>MVK 4341 - Applied Piano</b>	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 8 credits.			
<b>MVK 4343 - Applied Organ</b>	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 8 credits.			
<b>MVO 4640 - Wind and Percussion Pedagogy</b>	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.			
<b>MVP 1311 - Applied Percussion</b>	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.			
<b>MVP 2321 - Applied Percussion</b>	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.			
<b>MVP 3331 - Applied Percussion</b>	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.			
<b>MVP 4341 - Applied Percussion</b>	2		
Prerequisite: Consent of instructor. Individual instruction in percussion. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.			
<b>MVS 1314 - Applied String Bass</b>	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.			
<b>MVS 1315 - Applied Harp I</b>	2		
Prerequisite: Permission of instructor. Individual applied instruction in harp performance. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.			

<b>MVS 1316 - Applied Guitar</b>	<b>2</b>	<b>MVS 3432 - Applied Viola III</b>	<b>2</b>
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: Consent of instructor. Individual instruction in viola will be given on a weekly basis. May be repeated for a total of 4 credits.	
<b>MVS 1411 - Applied Violin I</b>	<b>2</b>	<b>MVS 3433 - Applied Violoncello III</b>	<b>2</b>
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 violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.	
<b>MVS 1412 - Applied Viola I</b>	<b>2</b>	<b>MVS 3530 - String Repertory I</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in viola will be given on a weekly basis. 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.	
<b>MVS 1413 - Applied Violoncello I</b>	<b>2</b>	<b>MVS 3531 - String Repertory II</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 4 credits.		This course deals with string repertory from the Romantic Period through the 20th Century. May be repeated for a total of 4 credits.	
<b>MVS 2324 - Applied String Bass</b>	<b>2</b>	<b>MVS 3601 - Harp Pedagogy</b>	<b>3</b>
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: Permission of 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.	
<b>MVS 2325 - Applied Harp II</b>	<b>2</b>	<b>MVS 3640 - String Pedagogy</b>	<b>3</b>
Prerequisite: Applied Harp I 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.		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.	
<b>MVS 2326 - Applied Guitar</b>	<b>2</b>	<b>MVS 4344 - Applied String Bass</b>	<b>2</b>
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: Consent of instructor. Individual instruction in string bass. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	
<b>MVS 2421 - Applied Violin II</b>	<b>2</b>	<b>MVS 4345 - Applied Harp IV</b>	<b>2</b>
Prerequisite: Consent of instructor. Individual instruction in violin will be given on weekly basis. May be repeated for a total of 4 credits.		Prerequisite: Applied Harp III or permission of instructor. Individual applied instruction in harp performance. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	
<b>MVS 2422 - Applied Viola II</b>	<b>2</b>	<b>MVS 4346 - Applied Guitar</b>	<b>2</b>
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: Admission as music major; consent of instructor. Individual instruction in guitar. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	
<b>MVS 2423 - Applied Violoncello II</b>	<b>2</b>	<b>MVS 4441 - Applied Violin IV</b>	<b>2</b>
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 violin will be given on a weekly basis. May be repeated for a total of 8 credits.	
<b>MVS 3334 - Applied String Bass</b>	<b>2</b>	<b>MVS 4442 - Applied Viola IV</b>	<b>2</b>
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 viola will be given on a weekly basis. May be repeated for a total of 8 credits.	
<b>MVS 3335 - Applied Harp III</b>	<b>2</b>	<b>MVS 4443 - Applied Violoncello IV</b>	<b>2</b>
Prerequisite: Applied Harp II 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.		Prerequisite: Consent of instructor. Individual instruction in violoncello will be given on a weekly basis. May be repeated for a total of 8 credits.	
<b>MVS 3336 - Applied Guitar</b>	<b>2</b>	<b>MVV 1111 - Class Voice</b>	<b>1</b>
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.		Fundamentals of vocal production. One class hour per week. May be repeated for a total of 2 credits.	
<b>MVS 3431 - Applied Violin III</b>	<b>2</b>		
Prerequisite: Consent of instructor. Individual instruction in violin will be given on a weekly basis. May be repeated for a total of 4 credits.			



<b>MVV 1311 - Applied Voice</b> Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<b>2</b>	<b>MVW 2223 - Secondary Clarinet II</b> Prerequisites: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.	<b>1</b>
<b>MVV 2321 - Applied Voice</b> Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<b>2</b>	<b>MVW 2321 - Applied Flute II</b> 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 4 credits.	<b>2</b>
<b>MVV 3331 - Applied Voice</b> Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<b>2</b>	<b>MVW 2322 - Applied Oboe II</b> Prerequisite: Consent of instructor. Individual instruction in oboe. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>2</b>
<b>MVV 4341 - Applied Voice</b> Prerequisite: Consent of instructor. Individual instruction in applied voice. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	<b>2</b>	<b>MVW 2323 - Applied Clarinet II</b> Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>2</b>
<b>MVV 4640 - Vocal Pedagogy</b> Prerequisite: Consent of instructor. The course examines various voice teaching methods. May be repeated for a total of 4 credits.	<b>2</b>	<b>MVW 2324 - Applied Bassoon II</b> Prerequisite: Consent of instructor. Individual instruction will be given in bassoon. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>2</b>
<b>MVW 1211 - Secondary Flute I</b> 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.	<b>1</b>	<b>MVW 2325 - Applied Saxophone</b> Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<b>2</b>
<b>MVW 1213 - Secondary Clarinet I</b> Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.	<b>1</b>	<b>MVW 3231 - Secondary Flute III</b> 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.	<b>1</b>
<b>MVW 1311 - Applied Flute I</b> 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 4 credits.	<b>2</b>	<b>MVW 3233 - Secondary Clarinet III</b> Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.	<b>1</b>
<b>MVW 1312 - Applied Oboe I</b> Prerequisite: Consent of instructor. Individual instruction in oboe. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>2</b>	<b>MVW 3331 - Applied Flute III</b> 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 4 credits.	<b>2</b>
<b>MVW 1313 - Applied Clarinet I</b> Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>2</b>	<b>MVW 3332 - Applied Oboe III</b> Prerequisite: Consent of instructor. Individual instruction will be given in oboe. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>2</b>
<b>MVW 1314 - Applied Bassoon I</b> Prerequisite: Consent of instructor. Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>2</b>	<b>MVW 3333 - Applied Clarinet III</b> Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>2</b>
<b>MVW 1315 - Applied Saxophone</b> Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<b>2</b>	<b>MVW 3334 - Applied Bassoon</b> Prerequisite: Consent of instructor. Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<b>2</b>
<b>MVW 2221 - Secondary Flute II</b> Prerequisite: Consent of instructor. Individual instruction in flute. Private lesson and performance laboratory weekly. May be repeated twice for a total of 2 credits.	<b>1</b>	<b>MVW 3335 - Applied Saxophone</b> Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 4 credits.	<b>2</b>

<b>MVW 4241 - Secondary Flute IV</b> 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 4 credits.	<b>1</b>	<b>MUS 1011 - Concert Attendance</b> 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.	<b>0</b>
<b>MVW 4243 - Secondary Clarinet IV</b> Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 4 credits.	<b>1</b>	<b>MUS 2221 - French Diction</b> Prerequisite: Consent of instructor. This course deals with diction in singing French vocal works.	<b>1</b>
<b>MVW 4341 - Applied Flute IV</b> 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 8 credits.	<b>2</b>	<b>MUS 2231 - German Diction</b> Prerequisite: Consent of instructor. This course deals with diction in singing German vocal works.	<b>1</b>
<b>MVW 4342 - Applied Oboe IV</b> Prerequisite: Consent of instructor. Individual instruction will be given in oboe. Private lesson and performance laboratory weekly. May be repeated twice for a total of 8 credits.	<b>2</b>	<b>MUS 2241 - Italian Diction</b> Prerequisite: Consent of instructor. This course deals with diction in singing Italian vocal works.	<b>1</b>
<b>MVW 4343 - Applied Clarinet IV</b> Prerequisite: Consent of instructor. Individual instruction will be given in clarinet. Private lesson and performance laboratory weekly. May be repeated twice for a total of 8 credits.	<b>2</b>	<b>MUS 2930 - Special Topics</b> May be repeated for a total of 8 credits.	<b>v. 1 - 3</b>
<b>MVW 4344 - Applied Bassoon</b> Prerequisite: MVW 3334 and consent of instructor. Individual instruction in bassoon. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	<b>2</b>	<b>MUS 3340 - Computer MIDI Score</b> 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.	<b>2</b>
<b>MVW 4345 - Applied Saxophone</b> Prerequisite: Consent of instructor. Individual instruction in saxophone. Private lesson and performance laboratory weekly. May be repeated for a total of 8 credits.	<b>2</b>	<b>MUS 3630C - The Electronic Music Studio</b> Prerequisite: Successful completion of Class Piano IV. 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.	<b>1</b>
<b>Music</b>		<b>MUS 3930 - Special Topics</b> May be repeated up to 30 credits.	<b>v. 1 - 3</b>
<b>MUG 3104 - Basic Conducting</b> 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.	<b>2</b>	<b>MUS 3931 - Eminent Scholars Seminar</b> May be repeated up to 10 credits.	<b>v. 1 - 3</b>
<b>MUG 3302 - Advanced Instrumental Conducting</b> Prerequisite: Successful completion of MUT 1112 and MUG 3104. This course will engage in an intensive study of the art of conducting, score preparation/analysis, and rehearsal techniques. Course may be repeatable for credit.	<b>v. 1 - 2</b>	<b>MUS 4905 - Directed Individual Studies</b> A maximum of 15 credits may be accumulated in directed individual studies.	<b>v. 1 - 3</b>
<b>MUM 3701 - Music Business</b> 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.	<b>3</b>	<b>MUS 4970 - Senior Recital</b> Prerequisite: 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.	<b>0</b>
<b>MUO 3503 - Opera Workshop</b> Prerequisite: Consent of instructor. Rehearsal and production of scenes and complete operatic works. Three hours per week. May be repeated for credit up to 4 times. (A material fee of \$35 will be assessed.)	<b>1</b>	<b>Music - Education</b> <b>MUE 2440 - String Techniques</b> 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.	<b>1</b>
<b>MUS 1010 - Performance Laboratory</b> 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).	<b>0</b>		

<b>MUE 2450 - Woodwind Techniques</b>	<b>1</b>	<b>MUN 2510 - Piano Accompanying</b>	<b>1</b>
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.		Prerequisite: Consent of instructor. The course will offer instruction in vocal and instrumental accompanying. May be repeated for a total of 4 credits. <i>(A material fee of \$35 will be assessed.)</i>	
<b>MUE 2460 - Brasswind Techniques</b>	<b>1</b>	<b>MUN 2710 - Jazz Ensemble</b>	<b>1</b>
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.		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. <i>(A material fee of \$35 will be assessed.)</i>	
<b>MUE 2470 - Percussion Techniques</b>	<b>1</b>	<b>MUN 2711 - Combo Lab</b>	<b>1</b>
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.		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. <i>(A material fee of \$35 will be assessed.)</i>	
<b>MUE 3332 - Instrumental Materials Practicum</b>	<b>2</b>	<b>MUN 3103 - Pep Band</b>	<b>1</b>
Prerequisite: MUG 3104. This is a comprehensive course that emphasizes effective score reading and rehearsal techniques of instrumental ensembles.		All university instrumentalists are encouraged to participate. The ensemble will perform at UNF basketball games and other important university events. May be repeated for credit up to 8 times. <i>(A material fee of \$35 will be assessed.)</i>	
<b>MUE 3480 - Marching Band Techniques</b>	<b>1</b>	<b>MUN 3123 - Concert Band (Upper)</b>	<b>1</b>
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.		Admission is open to music majors and non-majors. The band performs bi-annual concerts of traditional and contemporary band literature. It may be repeated for credit up to 12 times. <i>(A material fee of \$35 will be assessed.)</i>	
<b>MUE 3491 - Choral Materials Practicum</b>	<b>2</b>	<b>MUN 3143 - UNF Wind Ensemble (Upper)</b>	<b>1</b>
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.		Prerequisite: Permission of instructor. 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. <i>(A material fee of \$35 will be assessed.)</i>	
<b>Music - Ensemble</b>		<b>MUN 3313 - UNF Chorale (Upper)</b>	<b>1</b>
<b>MUN 2012 - Instrumental Ensemble</b>	<b>1</b>	This mixed choral ensemble is designed to meet the ensemble requirement for classical music majors. The course is also open to non-music majors. The repertoire includes music from the Renaissance to the Twentieth Century. Performances may be required. May be repeated up to 8 times. <i>(A material fee of \$35 will be assessed.)</i>	
Prerequisite: Consent of instructor. The class will study and perform compositions for various instrumental combinations. <i>(A material fee of \$35 will be assessed.)</i>		<b>MUN 3323 - North Florida Women's Chorale</b>	<b>1</b>
<b>MUN 2120 - Concert Band (Lower)</b>	<b>1</b>	Prerequisite: The student should have some prior choral experience. This choral ensemble prepares music of all styles (madrigals, spirituals, motets, show, and pop) for public performance. The course may be repeated for credit up to 8 times. <i>(A material fee of \$35 will be assessed.)</i>	
Admission is open to music majors and non-majors. The band performs bi-annual concerts of traditional and contemporary band literature. It may be repeated for credit up to 12 times. <i>(A material fee of \$35 will be assessed.)</i>		<b>MUN 3343 - Chamber Singers</b>	<b>1</b>
<b>MUN 2140 - UNF Wind Ensemble (Lower)</b>	<b>1</b>	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. <i>(A material fee of \$35 will be assessed.)</i>	
Prerequisite: Permission of instructor. The 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. <i>(A material fee of \$35 will be assessed.)</i>		<b>MUN 3411 - String Quartet</b>	<b>1</b>
<b>MUN 2310 - UNF Chorale (Lower)</b>	<b>1</b>	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. <i>(A material fee of \$35 will be assessed.)</i>	
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. <i>(A material fee of \$35 will be assessed.)</i>			

<b>MUN 3413 - String Ensemble</b>	<b>1</b>	<b>MUH 2017 - The History and Appreciation of Rock</b>	<b>3</b>
Prerequisite: Consent of instructor. The course will deal with the study and performance of standard chamber music works for string ensemble. May be repeated up to 8 times. <i>(A material fee of \$35 will be assessed.)</i>		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.	
<b>MUN 3443 - Percussion Ensemble</b>	<b>1</b>	<b>MUH 2018 - The Evolution of Jazz</b>	<b>3</b>
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. <i>(A material fee of \$35 will be assessed.)</i>		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.	
<b>MUN 3453 - Piano Ensemble</b>	<b>1</b>	<b>MUH 2501 - World Music</b>	<b>3</b>
Prerequisite: Consent of instructor. Students will study and perform piano duos and duets. May be repeated for credit up to 8 times. <i>(A material fee of \$35 will be assessed.)</i>		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.	
<b>MUN 3483 - Jazz Guitar Ensemble</b>	<b>1</b>	<b>MUH 3055 - FC - African American Musical Heritage</b>	<b>3</b>
Prerequisite: Enrollment by permission of instructor through audition during registration. The jazz guitar ensemble consists of 15 guitars plus a rhythm section of three. Repertoire consists primarily of big band transcriptions, with guitars replacing the horn sections. May be repeated for credit up to 6 times. <i>(A material fee of \$35 will be assessed.)</i>		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.	
<b>MUN 3498 - Harp Ensemble</b>	<b>1</b>	<b>MUH 3211 - Music History I</b>	<b>3</b>
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. <i>(A material fee of \$35 will be assessed.)</i>		Prerequisite: Four semesters of music theory. The history of music from ancient times through the Classical period.	
<b>MUN 3713 - Jazz Ensemble</b>	<b>1</b>	<b>MUH 3212 - Music History II</b>	<b>3</b>
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. <i>(A material fee of \$35 will be assessed.)</i>		Prerequisite: Four semesters of music theory. The history of music from the Romantic period to the present, including an emphasis on American music.	
<b>MUN 4714 - Jazz Combo (Small Group)</b>	<b>1</b>	<b>Music - Literature</b>	
Prerequisite: Student must concurrently take applied lessons and maintain a B average in applied. Performance-oriented small group with emphasis on traditional and modern compositions and improvisation. May be repeated for credit up to 12 times. <i>(A material fee of \$35 will be assessed.)</i>		<b>MUL 4400 - Piano Literature I</b>	<b>2</b>
		The course presents standard compositions of the piano repertoire through the Classical era.	
<b>Music - History and Appreciation</b>		<b>MUL 4401 - Piano Literature II</b>	<b>2</b>
<b>HUM 3524 - FC - Great Age of Vienna</b>	<b>3</b>	The course deals with piano repertory from the Romantic Era to the present.	
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.		<b>MUL 4420 - String Chamber Music Literature</b>	<b>3</b>
<b>MUH 2012 - Enjoyment of Music</b>	<b>3</b>	Prerequisite: Permission of instructor. 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.	
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.		<b>MUL 4434 - Harp Literature</b>	<b>3</b>
<b>MUH 2015 - American Music: Past and Present</b>	<b>3</b>	Prerequisite: Permission of instructor. This course examines in detail the standard harp repertoire and its associated performance traditions.	
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.		<b>MUL 4451C - Wind and Percussion Literature</b>	<b>3</b>
		Prerequisite: Junior standing. 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.	

<b>MUL 4602 - Vocal Literature</b>	<b>2</b>	<b>MUT 1241 - Theory I, Aural</b>	<b>1</b>
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.		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.	
<b>Music - Theory</b>			
<b>MUC 2211 - Music Composition I</b>	<b>1</b>	<b>MUT 1242 - Theory II, Aural</b>	<b>1</b>
Prerequisite: Permission of instructor. In this class students will be introduced to the creative uses of musical material, traditional musical forms, developmental procedures and performance resources. Various short works of twentieth century composers will be used as models.		Prerequisite: MUT 1241 or permission of instructor. 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.	
<b>MUC 2221 - Music Composition II</b>	<b>1</b>	<b>MUT 1361 - Jazz Fundamentals I</b>	<b>2</b>
Prerequisite: Successful completion of MUC 2211. In this class students will further examine the creative uses of musical material, traditional musical forms, developmental procedures and performance resources. Various short works of twentieth century composers will be used as models.		Corequisite: MVJ 1010. This course is an introduction of 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.	
<b>MUC 3231 - Music Composition III</b>	<b>1</b>	<b>MUT 1362 - Jazz Fundamentals II</b>	<b>2</b>
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.		Prerequisite: MUT 1361. Corequisite: MVJ 1210. This course is a continuation of MUT 1361. Students will study melodic minor derived modes, whole tone scales, pentatonic scales, bebop scales, advanced chord/scale relationships, and polychords.	
<b>MUC 3232 - Music Composition IV</b>	<b>1</b>	<b>MUT 2116 - Theory III</b>	<b>3</b>
Prerequisite: 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, developmental procedures and performance resources. Individual projects will provide a focus for the semester's work.		Prerequisites: MUT 1111 and MUT 1112. 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.	
<b>MUC 4241 - Music Composition V</b>	<b>1</b>	<b>MUT 2117 - Theory IV</b>	<b>3</b>
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.		Prerequisites: MUT 1111, MUT 1112 and MUT 2116. 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.	
<b>MUC 4242 - Music Composition VI</b>	<b>1</b>	<b>MUT 2246 - Aural Theory, Advanced</b>	<b>1</b>
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.		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.	
<b>MUT 1011 - Fundamentals of Music</b>	<b>3</b>	<b>MUT 2247 - Aural Theory, Advanced</b>	<b>1</b>
The materials of Music: rhythm, melody, tempo, dynamics, harmony, texture, tonality, timbre, form, style, mood. Selected skills in music: listening, singing, reading, playing instruments.		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, triadic outlines through secondary dominants, incomplete non-chord tones, rhythm patterns with different note values as basic beats, syncopation between and within the beat.	
<b>MUT 1111 - Theory I</b>	<b>3</b>	<b>MUT 2641 - Jazz Improvisation I</b>	<b>2</b>
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.		Prerequisite: MUT 1361 and MUT 1362 with 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.	
<b>MUT 1112 - Theory II</b>	<b>3</b>	<b>MUT 2642 - Jazz Improvisation II</b>	<b>2</b>
Prerequisite: MUT 1111. 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.		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 improv as well as intermediate piano skills.
- MUT 3649 - Vocal Improvisation/Piano IV** 3  
Prerequisite: MUT 3648. This course continues the improv 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 of a full jazz band of 17 or more musicians. Its main focus in 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** 3  
Prerequisite: Two years of college music theory. An intensive study of the contrapuntal styles of the baroque masters. Includes analysis and synthesis.
- MUT 4626 - 20th Century Music Theory** 3  
Prerequisite: Two years of college music theory. A study of 20th century compositional techniques. Includes analysis and synthesis.
- MUT 4650 - Composition and Improvisation** 2  
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.
- MUT 4663 - Jazz Styles and Analysis I** 2  
Prerequisite: Grade of B or above in MUT 1361 and MUT 1362. A study of jazz styles from the New Orleans era to the "Cool" era. Includes analysis of transcribed solos as recorded by major artists.
- MUT 4664 - Jazz Styles and Analysis II** 2  
Prerequisite: MUT 4663 or permission of instructor. A study of jazz styles from hard bop to the present. Includes analysis of transcribed solos as recorded by major artists.
- 3 Philosophy and Religion** 3  
**PHH 3100 - Ancient Philosophy** 3  
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.
- 2 PHH 3104 - Socrates and the Sophists** 3  
2 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' 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 live 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.
- 3 PHH 3120 - FC - The Greek Experience** 3  
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.
- 3 PHH 3400 - Modern Philosophy** 3  
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.
- 3 PHH 3500 - 19th Century Philosophy** 3  
3 Prerequisite: One course in philosophy other than a 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.
- 3 PHH 3811 - The Philosophy of Zen Buddhism** 3  
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."
- 3 PHH 3820 - FC - Chinese Philosophy** 3  
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.
- 2 PHH 3860 - The Japanese Mind** 3  
2 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 West understands East.
- 3 PHH 4121 - Ancient Greek Ethics** 3  
3 Prerequisite: One course in philosophy other than foreign culture. In this course we 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.

**PHI 2100 - G(W) Reasoning and Critical Thinking 3**

Principles of sound reasoning, language analysis and definition, the logic of classes and propositions and discussions of philosophical issues.

**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.

**PHI 2930 - Selected 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 and 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 Martha Nussbaum, and works of fiction, by such authors as Jane Austen, Virginia Woolf, and Philip K. Dick.

**PHI 3664 - Ethics East and 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? If one comes to think that moral values are inevitably in tension with one another, what philosophical and practical upshot should this have?

How much, if at all, can moral theory help in resolving moral dilemmas? Does liberalism, as some have argued, embody the best form of socio-political response to the plural and conflicting nature of value?

**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? and Can art be immoral? We will examine the theories of philosophers and members of the art community from the time of Plato to the present day.

**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 symbolic 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 and 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 Presocratics, 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 Social Science** 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 truly 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.
- 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 and 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 - Ethical Issues in Death and 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 treatment 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, different 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 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 the 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 and 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 first part 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 and 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. We will begin with a unit examining classical theorists (Durkheim and Weber) and 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 is intended to 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 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 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 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 and Religion: The 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 and Violence** 3  
This course will explore the relationship between religion and violence by looking at studies of several different groups (Muslim, 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. Instructional methods include readings, lecture, discussion 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 - Selected Topics: 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 - Twentieth 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 - Studies in 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 in 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: History of Religion** 3

May be repeated for a total of 9 credits under different topics.

**REL 3936 - Selected Topics: Religious Thought** 3

May be repeated for a total of 15 credits under different topics.

**REL 4900 - Directed Independent Study Religious Studies** 1-3

Prerequisites: 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.

## Physical Sciences

**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 Laboratory** 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.*)

**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.

**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.

## Physics

**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 emphasis on mechanics, heat and wave motion. Four hours lecture.

**PHY 2048L - Calculus-based Physics I Laboratory** 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 Laboratory** 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 Laboratory** 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 Laboratory** 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 Laboratory** 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 and 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, MAC 2312. This is an introductory course in electronic design and circuitry with emphasis on common scientific instrumentation. Three hours lecture.
- PHY 4523 - Thermodynamics and 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 and Seminar** 3  
Prerequisite: 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.
- Political Science and 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 - Politics and Society in Britain and 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 and 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 - Politics and Society in Sub-Saharan Africa** 3  
This course is concerned with the government, politics and society of Sub-Sahara 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 politics. Since post-independence years, politics in Sub-Sahara Africa is still characterized by ethnic conflicts, military interventions, and social disequilibria, as well as by democratic governments.
- CPO 3351 - FC - Politics and 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 - Politics and 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 - Topics in 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 - Politics of the Middle East 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 3443 - International Law and Organization** 3  
Prerequisite: INR 2002. This course exams the role of international law and international organization 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 student 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 politics 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  
Prerequisites: INR 2002 or CPO 3123. 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  
This course 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

Prerequisites: Senior standing; satisfactory completion of the program's four core courses: ANT 4495, INR 3016, ECO 3701, and GEO 3553. 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 and 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 - Politics and Policy in Urban Government** 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 and 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 and the Legislative Process** 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 and 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.

<b>POS 3713 - Political Inquiry and Analysis</b> 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.	<b>3</b>	<b>POS 4905 - Directed Individual Study</b> Prerequisite: Completion of all core and field requirements, 3.0 grade point average in all political science courses, and permission of academic and career advisor. 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.	<b>v. 1 - 4</b>
<b>POS 3931 - Special Topics in Politics</b> 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.	<b>3</b>	<b>POS 4930 - Senior Seminar in Political Science</b> Prerequisite: Completion of at least 75 credits overall; completion of at least 18 credits in Political Science. 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.	<b>3</b>
<b>POS 4033 - Controversial Political Issues</b> Prerequisite: POS 2041 or CPO 2002 or INR 2002 or by 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 student's understanding of contemporary issues facing subnational, national and international policy makers.	<b>3</b>	<b>POS 4932 - Special Topics in Political Science and Public Administration</b> 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.	<b>v. 2 - 6</b>
<b>POS 4093 - Politics of the War on Drugs</b> 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.	<b>3</b>	<b>POS 4945 - Internship/Field Experience</b> Prerequisite: consent or instructor. This course provides a supervised field experience or research in politics or administration law.	<b>v. 3 - 4</b>
<b>POS 4167 - Urban Policy and Planning</b> 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.	<b>3</b>	<b>POT 3003 - Political Thought and Action</b> 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.	<b>3</b>
<b>POS 4173 - Southern Politics</b> Prerequisite: POS 2041 or consent of instructor. Political processes and problems characteristic of the southern States of the USA.	<b>3</b>	<b>POT 3075 - American Politics and Popular Culture</b> 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.	<b>3</b>
<b>POS 4233 - Public Opinion and Interest Groups</b> 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.	<b>3</b>	<b>POT 3515 - Good and Evil Political Perspectives</b> This course will examine extreme political action, behaviors and policy effects, which are labeled as "evil" and "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 inequities, 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 concerns.	<b>3</b>
<b>POS 4463 - Interest Groups and American Democracy</b> 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.	<b>3</b>	<b>POT 4314 - Democratic Theory</b> 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.	<b>3</b>
<b>POS 4608 - Constitutional Law</b> Prerequisite: POS 3606 or consent of instructor. This course examines the development of constitutional doctrine as it applies to judicial review, the powers of the President and Congress, federalism, and courses of regulatory authority.	<b>3</b>	<b>PUP 2312 - CD - Race/Gender/Political</b> This course introduces students to the struggle of minorities and women to participate in the formation of public policy in the United States.	<b>3</b>
<b>POS 4624 - Civil Rights and Civil Liberties</b> Prerequisite: POS 3606 or consent of instructor. 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.	<b>3</b>		

- PUP 3053 - American Political Economy** 3  
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 and 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 and 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 communities 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  
Prerequisite: PSY 2012. To increase the student's comprehension of the biological, psychological and socio-cultural variables that influence the development of problem behaviors and the theories and research in the field of abnormal psychology.
- 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.
- 3 Representative topics covered in this course include changing health habits, stress and coping, health care utilization, patient-provider relations, and managing chronic illnesses 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 psycho logic/treatments may be combined for the alleviation of such disorders.
- 3 **DEP 2002 - Foundations of Child and Adolescent Psychology** 3  
This course is an overview of psychological principles, theories, and research pertaining to the developing child from conception to, but not including, 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 the child's development and therefore application to teaching and/or parenting needs.
- 3 **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.
- 3 **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. 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 and 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 - Foundations of Experimental Analysis of Behavior**  
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**  
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**  
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**  
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 and Performance**  
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**  
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**  
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 Psychological Research**  
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**  
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**  
Prerequisites: DEP 3054 plus PPE 4003 or CLP 2140. 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**  
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**  
Prerequisite: 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**  
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**  
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 in Psychology**  
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**  
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**  
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**  
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. (*A material fee of \$20 will be assessed.*)
- PSY 4604 - History of Psychology** 3  
Prerequisites: PSY 2012 or equivalent and junior or senior status; or 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.
- 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 4935 - Special Topics** 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. This course 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 in 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, prosocial 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 - Fundamentals of 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 interpersonally and pursuing peace building interpersonally, students are empowered to recognize and transform conflict in relationships, institutions and organizations. The course is designed to facilitate a perspective that is insightful and competent in creating change for people whose culture, philosophy, racial identity, gender, sexual orientation, abilities, age, religious orientation, and socio-economic status are a damaging source of conflict.
- SOP 3723 - Culture and Psychology** 3  
Prerequisite: 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, 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 and 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.
- Social Welfare**  
**SOW 3203 - Social Welfare Institutions** 3  
A critical analysis of those institutions and programs affecting the quality of life. The "social policies" impacting within the domain of social welfare will be examined for effects on and implications for societal 1) division of labor; 2) allocation of resources; and 3) distribution of rights.
- SOW 4302 - Social Work as a Profession** 3  
An examination of social work settings, roles and the methods employed in providing services. Focus will be on the development of interviewing techniques of the beginning professional. Enhancement of interpersonal communication skills is emphasized consistent with the demands of beginning community practice.
- SOW 4511 - Community Agency Practicum I** 3  
Prerequisite: SOW 3203 and SOW 4302. This practicum may also include a supervised field placement in social work in an elementary or secondary school setting which includes experience in counseling and casework.
- Sociology**  
**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 will 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  
The 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: SYG 2000 or equivalent. 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** 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  
Prerequisites: SYA 3300 and SYA 4010. 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 and Cultural 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 and 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 and Society** 3  
The 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 and Development** 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 Social Class: A Sociological Examination of Culture and Diversity** 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 and 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.

- SYO 4100 - Sociology of the Family** 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.
- SYO 4200 - Sociology of Religion** 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.
- SYO 4300 - Political Sociology** 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.
- SYO 4370 - Sociology of Work** 3  
Work is a social phenomenon because it is done with a variety of other people – bosses, co-workers, and subordinates. In addition to examining workplace experiences, this course emphasizes the integration and juxtaposition of work with the rest of people’s lives. Students will be introduced to theories and concepts dealing with interactions and relations between and among workers, their employers, and their subordinates.
- SYO 4400 - Health, Illness and Society** 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.
- SYP 3440 - Social Change and International Development** 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.
- SYP 3520 - Criminology** 3  
This course studies major theories and empirical research findings pertaining to the causes, prevention, treatment and control of criminal behavior.
- SYP 3570 - Deviance and Social Control** 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.
- SYP 4050 - The Sociology of Human Interaction** 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.
- SYP 4351 - Social Movements and Social Change** 3  
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.
- SYP 4530 - Juvenile Delinquency and 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.
- SYP 4560 - Child Abuse and Incest** 3  
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.
- SYP 4660 - Sociology of Culture** 3  
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.
- SYP 4730 - The Sociology of Aging** 3  
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.
- Theatre Arts**
- 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 twelve (12) credits.
- THE 4935 - Special Topics – 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 six (6) credits.
- World Languages**
- CHI 1120 - Beginning Chinese I** 4  
This course provides a basic introduction to modern Chinese, building a solid foundation in the structures, vocabulary and pronunciation of the language. Heritage speakers of Chinese may take this course only with the permission of the World Languages Chair.
- CHI 1121 - Beginning Chinese II** 4  
Prerequisite: CHI 1120. 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. Heritage speakers of Chinese may take this course only with the permission of the World Languages Chair.
- CHI 2200 - Intermediate Chinese I** 3  
Prerequisites: CHI 1120 and CHI 1121 or equivalent. Intermediate Chinese I builds upon the proficiency in the language acquired during the elementary-level sequence, with an emphasis on improved speaking and comprehensive skills, and the acquisition of a broader

vocabulary. Heritage speakers of Chinese may take this course only with the permission of the World Languages Chair.

**CHI 2201 - Intermediate Chinese II** 3

Prerequisite: CHI 2200 or equivalent. This course is the continuation of Intermediate Chinese I, stressing improved proficiency in the language at the intermediate level. In this course, students master more complex grammatical structures in spoken and written Chinese. Heritage speakers of Chinese may take this course only with the permission of the World Languages Chair.

**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 "cinéma 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 Language Study Abroad** v. 3 - 6

Prerequisite: Permission by program director. Students can earn up to six hours of credit through study of language abroad at the beginning level. Prior approval is necessary.

**FOL 2930 - Beginning World 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 World 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 Study Abroad** v. 3 - 6

Students can earn up to six hours of credit through study of language abroad at the intermediate level. Prior approval, awarded on a case-by-case basis, is necessary.

**FOL 3930 - Special Topics in World Languages** 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 Language Study Abroad** v. 3 - 6

Students can earn up to six hours of credit through study of language abroad at the advanced level. Prior approval, awarded on a case-by-case basis, is necessary.

**FOL 4905 - Directed Independent Study in Languages** 1 - 3

Selected 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 the 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 the Foreign Culture requirement.

**FOT 3931 - FC - Studies in Foreign Culture** 3

Study of topics in foreign culture using materials in English. See Department of World 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. Heritage speakers of French may take this course only with the permission of the World Languages Chair.

**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 Languages 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. Heritage speakers of French may take this course only with permission of the World Languages Chair.

**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. Heritage speakers of French may take this course only with permission of the World Languages Chair.

**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. Heritage speakers of French may take this course only with permission of the World Languages Chair.

**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. Heritage speakers of French may take this course only with permission of the World Languages Chair.

- 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. Heritage speakers of French may take this course only with permission of the World Languages Chair.
- 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. Heritage speakers of French may take this course only with permission of the World Languages Chair.
- FRE 4422 - Advanced French Composition and Stylistics** 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 is taught in English.
- FRT 3551 - Francophone African Literatures and Cultures** 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 is 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 and 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 Labé, 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 - Survey of 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 - Survey of French Literature: The 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 - Survey of 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 in 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. Heritage speakers of German may take this course only with the permission of the World Languages Chair.
- 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 basic skills in reading, speaking, and writing modern German. The beginning sequence prepares students for study at the intermediate level. Heritage speakers of German may take this course only with the permission of the World Languages Chair.
- GER 2200 - Intermediate German I** 3  
Prerequisites: GER 1120 and GER 1121 or equivalent. 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. Heritage speakers of German may take this course only with the permission of the World Languages Chair.
- GER 2201 - Intermediate German II** 3  
Prerequisite: GER 2200 or equivalent. 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. Heritage speakers of German may take this course only with the permission of the World Languages Chair.
- 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 and Cultures of the Caribbean** 3  
This course examines the history, peoples and cultures of this region. Language of instruction in English.
- LAS 3031 - FC - Peoples and Cultures of the Southern 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 and Cultures of Central America and Mexico** 3  
This course examines the history, peoples and cultures of this region in Latin America. The language of instruction is English.
- LAS 3280 - FC - 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  
Prerequisite: LAT 1120. 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. Heritage speakers of Portuguese may take this course only with the permission of the World Languages Chair.
- POR 1121 - Beginning Portuguese II** 4  
Prerequisite: POR 1120 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. Heritage speakers of Portuguese may take this course only with the permission of the World Languages Chair.
- POR 2200 - Intermediate Portuguese I** 3  
Prerequisites: POR 1120 and 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. Heritage speakers of Portuguese may take this course only with the permission of the World Languages Chair.
- POR 2201 - Intermediate Portuguese II** 3  
Prerequisite: 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. Heritage speakers of Portuguese may take this course only with the permission of the World Languages Chair.
- 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. Heritage speakers of Russian may take this course only with the permission of the World Languages Chair.
- RUS 1121 - Beginning Russian II** 4  
Prerequisite: 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. Heritage speakers of Russian may take this course only with the permission of the World Languages Chair.
- RUS 2200 - Intermediate Russian I** 3  
Prerequisites: RUS 1120 and 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. Heritage speakers of Russian may take this course only with the permission of the World Languages Chair.
- 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. Heritage speakers of Russian may take this course only with the permission of the World Languages Chair.
- 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. Heritage speakers of Spanish may take this course only with the permission of the World Languages Chair.
- 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. Heritage speakers of Spanish may take this course only with the permission of the World Languages Chair.
- 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. Heritage speakers of Spanish may take this course only with the permission of the World Languages Chair.
- 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 Languages Coordinator.

- SPN 2201 - Intermediate Spanish II** 3  
Prerequisites: 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 Languages Coordinator.
- SPN 3013 - Spanish for Professions** 3  
Prerequisite: SPN 2200 or as determined by placement 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  
Prerequisites: 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 Languages Chair.
- 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 and Writing Spanish** 3  
Prerequisites: SPN 2201 or with the 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 - Peoples and 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  
Prerequisite: 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. Students will investigate the subtleties of Spanish grammar at an advanced level.
- SPN 4410 - Advanced Spanish Conversation** 3  
Prerequisites: SPN 3242 and SPN 3300. 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 Languages Coordinator.
- SPN 4905 - Directed Independent Study** 3  
Prerequisites: SPN 2200, SPN 2201 and permission of instructor, World Languages 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  
Prerequisite: 15 hours in the major; permission of World Languages Chair. 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** 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  
Prerequisite: SPN 3242 and SPN 3300 or departmental permission. This course consists of readings and analyses of brief literary selections to acquaint students with the basic skills and terminology involved in literary criticism. Heritage speakers of Spanish may take this course only with the permission of the World Languages Chair.
- SPW 3100 - Survey of Spanish Literature** 3  
Prerequisites: SPW 3030. Survey of peninsular Spanish literature, readings of authors such as Cervantes, Lope de Vega, Bécquer, García Lorca, Unamuno, Valle Inclán, and others.
- SPW 3130 - Survey of Latin American Literature** 3  
Prerequisites: SPW 3030. Survey of major authors of the Spanish literature of Latin America, such as Sor Juana Inés de la Cruz, Gabriela Mistral, Jose María Arguedas, Ricardo Palma and Jose Martí.
- SPW 4193 - Periods of Latin American Literature** 3  
Prerequisites: 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  
Prerequisite: SPN 3300 or SPN 3350. This course examines the development of cinema in Latin America 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  
Prerequisites: 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.





# Coggin College of Business



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## Coggin College of Business

**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 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 549 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 <http://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/](http://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., 3 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 Evaluation (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 2020, (904) 620-2575. To visit our web page enter [www.unf.edu/coggin/advising/index.htm](http://www.unf.edu/coggin/advising/index.htm).

## Academic Policies

**Coggin College of Business** 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 2020, (904) 620-2575.

**Required GPA** Students graduating with a BBA degree must have a minimum 2.00 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 Advanced 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 of the Coggin College of Business are prerequisites for **all** Coggin College of Business courses. Foundation courses are: Principles of Financial Accounting, Principles of Managerial Accounting, Principles of Macroeconomics, Principles of Microeconomics, Calculus for Business and Economics, Statistics for Business and Economics, and Microcomputer Applications for Business and Economics. 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 semester 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 hours 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** with the exception of the management major, who may earn only one "D" in a major course. In that case, the "D" must be offset by a grade of "B" or better in another major course. 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 semester 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 semester 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](http://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 (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
Statistics for Business and Economics	3 hours
Calculus for Business and Economics	3 hours
Microcomputer Applications for Business and Economics	3 hours
A minimum grade of "C" is required in each of these courses	
b) Other General Education 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
BUL 3130 Legal Environment of Business	3 hours
MAN 4720 Strategic Management and Business Policy	3 hours
b) Area of Concentration	18 - 29 hours
c) Required Business 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 and Finance 620-2630

**Charles H. Calhoun**, Professor and Chair  
**Seth C. Anderson**, Professor and Chairholder  
**Thomas L. Barton**, Professor and Chairholder  
**Homer L. Bates**, Professor  
**Reinhold P. Lamb**, Professor and Chairholder  
**John B. MacArthur**, Professor and Chairholder  
**John P. McAllister**, Dean and Professor  
**Parvez Ahmed**, Associate Professor  
**Cheryl J. Frohlich**, Associate Professor  
**David Jaeger**, Associate Professor  
**John E. McEldowney**, Associate Professor  
**Jeffrey E. Michelman**, Associate Professor  
**Sidney B. Rosenberg**, Associate Professor and Chairholder  
**Oliver Schnusenberg**, Associate Professor and Director of International Relations  
**Bobby Waldrup**, Associate Professor  
**Bettie M. Adams**, Assistant Professor  
**John Adams**, Assistant Professor  
**Lynn M. Comer-Jones**, Assistant Professor  
**Hubert W. Gill**, Senior Instructor  
**Diane L. Tanner**, Senior Instructor  
**James McCague**, Instructor

[www.unf.edu/coggin/actfin](http://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.
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**  
**Track: Accounting**  
**Degree: Bachelor Of Business Admin**

**Foundations (21 SEMESTER HOURS)**

Grade of "C" or better required in Foundations.

ACG 2021	3.0	Prin Financial Acc
(sequence of ACG 2001/2011 may be substituted for ACG 2021.)		
ACG 2071	3.0	Prin Managerial Acc
ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics
CGS 1100	3.0	Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

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.

MAC 2233 3.0 G(M) Calc For Bus  
 STA 2023 3.0 G(M) Elem Stats-bus  
 QMB x100 or STA x122 may be substituted for STA 2023

\* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.  
 \* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**Core Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in all core courses.

FIN 3403 3.0 Financial Management  
 MAN 3025 3.0 Adminis Management  
 MAR 3023 3.0 Prin Of Marketing  
 SOP 3004 3.0 Social Psychology  
 BUL 3130 3.0 Legal Environ Of Bus  
 MAN 3504 3.0 Prod-oper-logist Man

In last term take:

MAN 4720 3.0 Strat Mgt Bus Policy

(FIN 3403, MAN 3025, and MAR 3023 must be completed with "C" or higher prior to enrolling in MAN 4720)

**Major Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in major requirements.

ACG 3103 3.0 Intermediate Acc I  
 ACG 3113 3.0 Intermediate Acc II  
 ACG 3123 3.0 Intermediate Acc III  
 ACG 4361 3.0 Cost Accounting  
 ACG 4401 3.0 Acc Info Systems  
 TAX 3001 3.0 Federal Income Tax  
 ACG 4651 3.0 Auditing

**Major Electives**

**(3000 - 4000 LEVEL) (03 SEMESTER HOURS)**

Select one course (excluding: TAX 3721)

ACG TAX

**Required Business (06 SEMESTER HOURS)**

ECO 3203 3.0 Inter Macroeconomics  
 QMB 4600 3.0 Intro To Man Science

**Business Electives (03 SEMESTER HOURS)**

Select One Course.

ACG 4251 3.0 International Acctng  
 FIN 4604 3.0 Internationl Finance  
 ECO 3703 3.0 International Trade  
 MAN 4600 3.0 Man Internationl Bus  
 MAR 4156 3.0 Interntnal Marketing

**Non-business Requirements**

**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Cultural Diversity

Select one from approved Coggin cultural diversity list or participate in any Coggin short-term or semester study abroad (see <http://cibs.UNF.Edu>)

Oral Communication

SPC 4064 3.0 Public Speaking Prof

\* This program is pending evaluation of official transcripts.  
 \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.  
 \* This program is subject to a student fully admitted into the Coggin College of Business.

**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 - 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.

**Option 3 - 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 track 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.

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 track courses will rarely be granted.

**Major: Finance**  
**Track: Corporate**  
**Degree: Bachelor Of Business Admin**

**Foundations (21 SEMESTER HOURS)**

Grade of "C" or better required in Foundations.

ACG 2021 3.0 Prin Financial Acc  
(sequence of ACG 2001/2011 may be substituted for ACG 2021)

ACG 2071 3.0 Prin Managerial Acc  
ECO 2013 3.0 Princ Macroeconomics  
ECO 2023 3.0 Princ Microeconomics  
CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

MAC 2233 3.0 G(M) Calc For Bus  
MAC x230 may be substituted for MAC 2233  
STA 2023 3.0 G(M) Elem Stats-bus  
QMB x100 or STA x122 may be substituted for STA 2023.

**Core Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in all core courses.

FIN 3403 3.0 Financial Management  
MAN 3025 3.0 Adminis Management  
MAR 3023 3.0 Prin Of Marketing  
SOP 3004 3.0 Social Psychology  
BUL 3130 3.0 Legal Environ Of Bus  
MAN 3504 3.0 Prod-oper-logist Man

In last term take:

MAN 4720 3.0 Strat Mgt Bus Policy  
(FIN 3403, MAN 3025, and MAR 3023 must be completed with "C" or higher prior to enrolling in MAN 4720.)

**Major Requirements (24 SEMESTER HOURS)**

Grade of "C" or better required in major requirements.

ACG 3103 3.0 Intermediate Acc I  
FIN 3233 3.0 Money And Banking  
FIN 4504 3.0 Investments  
FIN 4414 3.0 Financial Mangmnt II  
ACG 4361 3.0 Cost Accounting  
FIN 4461 3.0 FinancI Stamnt Analy  
FIN 4604 3.0 Internationl Finance  
ISM 4011 3.0 Intro Mgmt Info Sys

**Major Electives (3000 - 4000 LEVEL) (03 SEMESTER HOURS)**

Select one course

FIN 4557 3.0 Behavioral Finance  
FIN 4514 3.0 Sec Analy/Portf Mgmt  
RMI 4135 3.0 Employee Benefit Pln

**Required Business (06 SEMESTER HOURS)**

ECO 3203 3.0 Inter Macroeconomics  
ECO 3411 3.0 Business & Econ Stat

**Non-business Requirements (3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Cultural Diversity

Select one from approved Coggin cultural diversity list or participate in any Coggin short-term or semester study abroad (see <http://cibs.UNF.Edu>)

Oral Communication

SPC 4064 3.0 Public Speaking Prof

\* This program is pending evaluation of official transcripts.

\* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.

\* This program is subject to a student fully admitted into the Coggin College of Business.

\* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.

\* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**Major: Finance**  
**Track: Investments**  
**Degree: Bachelor Of Business Admin**

**Foundations (21 SEMESTER HOURS)**

Grade of "C" or better required in Foundations.

ACG 2021 3.0 Prin Financial Acc  
(sequence of ACG 2001/2011 may be substituted for ACG 2021.)

ACG 2071 3.0 Prin Managerial Acc  
ECO 2013 3.0 Princ Macroeconomics  
ECO 2023 3.0 Princ Microeconomics  
CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812

MAC 2233 3.0 G(M) Calc For Bus  
MAC x230 may be substituted for MAC 2233  
STA 2023 3.0 G(M) Elem Stats-bus  
QMB x100 or STA x122 may be substituted for STA 2023.

**Core Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in all core courses.

FIN 3403 3.0 Financial Management  
MAN 3025 3.0 Adminis Management  
MAR 3023 3.0 Prin Of Marketing  
SOP 3004 3.0 Social Psychology  
BUL 3130 3.0 Legal Environ Of Bus  
MAN 3504 3.0 Prod-oper-logist Man

In last term take:

MAN 4720 3.0 Strat Mgt Bus Policy  
(FIN 3403, MAN 3025, and MAR 3023 must be completed with "C's" or higher prior to enrolling in MAN 4720.)



**Major Requirements (24 SEMESTER HOURS)**

Grade of "C" or better required in major requirements.

FIN 3233	3.0	Money And Banking
FIN 4504	3.0	Investments
FIN 4604	3.0	International Finance
FIN 4461	3.0	Financl Stamnt Analy
ISM 4011	3.0	Intro Mgmt Info Sys
REE 4043	3.0	Real Estate Analysis
FIN 4533	3.0	Derivatives

Also choose one course from the following

(can not use courses twice in degree requirements)

FIN 4514	3.0	Sec Analy/Portf Mgmt
FIN 4557	3.0	Behavioral Finance

\*REE 4043, FIN 4514, &amp; FIN 4533 are normally offered fall/spring only

**Major Electives****(3000 - 4000 LEVEL) (03 SEMESTER HOURS)**

Select one course

ACG 3103	3.0	Intermediate Acc I
FIN 4414	3.0	Financial Mangmnt II
FIN 4134	3.0	Estate Planning
FIN 4514	3.0	Sec Analy/Portf Mgmt
FIN 4557	3.0	Behavioral Finance

**Required Business****(06 SEMESTER HOURS)**

ECO 3203	3.0	Inter Macroeconomics
ECO 3411	3.0	Business & Econ Stat

**Non-business Requirements****(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Cultural Diversity

Select one from approved Coggin cultural diversity list or participate in any Coggin short-term or semester study abroad (see <http://cibs.UNF.Edu>)

Oral Communication

SPC 4064	3.0	Public Speaking Prof
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\* This program is pending evaluation of official transcripts.

\* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.

\* This program is subject to a student fully admitted into the Coggin College of Business.

\* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.

\* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**Major: Finance****Track: Real Estate****Degree: Bachelor Of Business Admin****Foundations****(21 SEMESTER HOURS)**

Grade of "C" or better required in Foundations.

ACG 2021	3.0	Prin Financial Acc
(sequence of ACG 2001/2011 may be substituted for ACG 2021.)		
ACG 2071	3.0	Prin Managerial Acc
ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics
CGS 1100	3.0	Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812

MAC 2233 3.0 G(M) Calc For Bus

MAC x230 may be substituted for MAC 2233

STA 2023 3.0 G(M) Elem Stats-bus

QMB x100 or STA x122 may be substituted for STA 2023

**Core Requirements****(21 SEMESTER HOURS)**

Grade of "C" or better required in all core courses.

FIN 3403	3.0	Financial Management
MAN 3025	3.0	Adminis Management
MAR 3023	3.0	Prin Of Marketing
SOP 3004	3.0	Social Psychology
BUL 3130	3.0	Legal Environ Of Bus
MAN 3504	3.0	Prod-Oper-Logist Man

In last term take:

MAN 4720	3.0	Strat Mgt Bus Policy
(FIN 3403, MAN 3025, and MAR 3023 must be completed with "C's" or higher prior to enrolling MAN 4720.)		

**Major Requirements****(21 SEMESTER HOURS)**

Grade of "C" or better required in major requirements.

FIN 3233	3.0	Money And Banking
FIN 4504	3.0	Investments
REE 4043	3.0	Real Estate Analysis
FIN 4604	3.0	International Finance
ISM 4011	3.0	Intro Mgmt Info Sys

Generally offered in the fall term only

REE 4103 3.0 Real Estate Appraisal

Generally offered in the spring term only

REE 4303 3.0 Real Estate Fin/Invs

**Major Electives****(3000 - 4000 LEVEL) (03 SEMESTER HOURS)**

Select one course (excluding: FIN 3140)

ACG FIN REE RMI TAX

**Required Business****(06 SEMESTER HOURS)**

ECO 3101	3.0	Inter Microeconomics
ECO 3411	3.0	Business & Econ Stat

**Non-business Requirements****(3000 - 4000 LEVEL) (09 SEMESTER HOURS)**

Select One Course

BCN 4587	3.0	Evie Issues-const
BCN 3762	3.0	Bldg Const Desn/Code
GEO 3151	3.0	Introduction To Gis

Cultural Diversity

Select one from approved Coggin cultural diversity list or participate in any short-term or semester study abroad (see <http://cibs.unf.edu>)

Oral Communication

SPC 4064	3.0	Public Speaking Prof
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\* This program is pending evaluation of official transcripts.

\* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.

- \* This program is subject to a student fully admitted into the Coggin College of Business.
- \* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- \* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**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 Track** - This track 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 track also emphasizes communication skills. The curriculum is designed to prepare students for the examinations leading to professional designation such as Certified Financial Planner (CFP)<sup>®</sup> 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:

(a) Prerequisites for Coggin College of Business: Sixty lower-level semester hours from an approved institution (See accounting curriculum for complete details).

(b) Requirements to earn the bachelor of business administration degree with a major in financial services are:

CFP<sup>®</sup> and Certified Financial Planner<sup>®</sup> are federally registered marks of the Certified Financial Planner Board of Standards, Inc.

**Major: Financial Services**  
**Track: Financial Planning**  
**Degree: Bachelor Of Business Admin**

**Foundations (21 SEMESTER HOURS)**

Grade of "C" or better required in foundations.

- ACG 2021 3.0 Prin Financial Acc  
(sequence of ACG 2001/2011 may be substituted for ACG 2021.)
- ACG 2071 3.0 Prin Managerial Acc
- ECO 2013 3.0 Princ Macroeconomics
- ECO 2023 3.0 Princ Microeconomics
- CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812

- MAC 2233 3.0 G(M) Calc For Bus  
MAC x230 may be substituted for MAC 2233
- STA 2023 3.0 G(M) Elem Stats-bus  
QMB x100 or STA x122 may be substituted for STA 2023.

**Core Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in all core courses.

- FIN 3403 3.0 Financial Management
- MAN 3025 3.0 Adminis Management
- MAR 3023 3.0 Prin Of Marketing
- SOP 3004 3.0 Social Psychology
- BUL 3130 3.0 Legal Environ Of Bus
- MAN 3504 3.0 Prod-oper-logist Man

In last term take:

- MAN 4720 3.0 Strat Mgt Bus Policy  
(FIN 3403, MAN 3025, and MAR 3023 must be completed with "C" or higher prior to enrolling in MAN 4720.)

**Major Requirements (27 SEMESTER HOURS)**

Grade of "C" or better required in major requirements.

- FIN 3233 3.0 Money And Banking
- FIN 4504 3.0 Investments
- FIN 4604 3.0 International Finance
- ISM 4011 3.0 Intro Mgmt Info Sys
- TAX 3721 3.0 Tax Plan Finan Decis
- FIN 4514 3.0 Sec Analy/Portf Mgmt
- RMI 4135 3.0 Employee Benefit Pln

To Be Taken In Spring

- RMI 3011 3.0 Risk Mgmt & Ins
- FIN 4134 3.0 Estate Planning

**Required Business (06 SEMESTER HOURS)**

- ECO 3203 3.0 Inter Macroeconomics
- ECO 3411 3.0 Business & Econ Stat

**Non-business Requirements (3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Cultural Diversity

Select one from approved Coggin cultural diversity list or participate in any Coggin short-term or semester study abroad (see <http://cibs.UNF.Edu>)

Oral Communication

- SPC 4064 3.0 Public Speaking Prof

- \* This program is pending evaluation of official transcripts.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* This program is subject to a student fully admitted into the Coggin College of Business.
- \* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- \* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

## Department of Economics and Geography 620-2640

**Paul M. Mason**, Professor and Chair

**Stephen L. Shapiro**, Professor, Director of Center for Economic Education

**Jeffrey W. Steagall**, Associate Dean, Professor, Chairholder, and Director of the International Business Program

**Earle C. Traynham**, Professor and Chairholder

**Louis A. Woods**, Professor

**Mina N. Balamoune-Lutz**, Associate Professor

**Sharon C. Cobb**, Associate Professor and Director of International Curriculum

**Andrés Alberto Gallo**, Associate Professor and 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**, Visiting Assistant Professor

**Wayne C. Coleman**, Visiting Instructor

[www.unf.edu/coggin/econ](http://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 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 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 Information 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 Information Systems
  - GIS 4048 Intermediate Geographic Information 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

#### Track: Economics

#### Degree: Bachelor Of Business Admin

#### Foundations (21 SEMESTER HOURS)

Grade of "C" or better required in foundations.

ACG 2021 3.0 Prin Financial Acc  
(sequence of ACG 2001/2011 may be substituted for ACG 2021)

ACG 2071 3.0 Prin Managerial Acc  
ECO 2013 3.0 Princ Macroeconomics  
ECO 2023 3.0 Princ Microeconomics  
CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

MAC 2233 3.0 G(M) Calc For Bus  
MAC x230 may be substituted for MAC 2233  
STA 2023 3.0 G(M) Elem Stats-Bus  
QMB x100 or STA x122 may be substituted for STA 2023.

#### Core Requirements (21 SEMESTER HOURS)

Grade of "C" or better required in all core courses.

MAN 3025 3.0 Adminis Management  
MAR 3023 3.0 Prin Of Marketing  
FIN 3403 3.0 Financial Management  
SOP 3004 3.0 Social Psychology  
BUL 3130 3.0 Legal Environ Of Bus  
MAN 3504 3.0 Prod-oper-logist Man

In last term take:

MAN 4720 3.0 Strat Mgt Bus Policy  
(MAN 3025, MAR 3023, and FIN 3403 must be completed with "C" or higher prior to enrolling in MAN 4720)

**Major Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in major requirements.

ECO 3203 3.0 Inter Macroeconomics  
ECO 3101 3.0 Inter Microeconomics  
ECO 3421 3.0 Econometrics

Select One Course

ECO 3703 3.0 International Trade  
ECO 4723 3.0 Inter Monetary Sys

Select 3 Courses (3000 - 4000 LEVEL)

Excluding: ECO 3632, ECO 3701, ECP 3703, and ECP 3007  
ECO ECP ECS GEO GIS

**Required Business (03 SEMESTER HOURS)**

Required

ISM 4011 3.0 Intro Mgmt Info Sys

**Business Electives**

**(3000 - 4000 LEVEL) (03 SEMESTER HOURS)**

Select One Course

ACG BUL FIN ISM MAN MAR QMB REE RMI TAX  
TRA GEB

**Non-business Requirements**

**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Cultural Diversity

Select one from approved Coggin cultural diversity list or participate in any Coggin short-term or semester study abroad (<http://cibs.UNF.Edu>)

Oral Communication

SPC 4064 3.0 Public Speaking Prof

**Free Electives**

**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

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
  
- \* This program is pending evaluation of official transcripts.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* This program is subject to a student fully admitted into the Coggin College of Business.
- \* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- \* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**International Business Flagship Program  
620-2590**

**Jeffrey W. Steagall**, Associate Dean, Professor,  
Chairholder and Flagship Director

**Anne Law Sheridan**, Director of Study Abroad

**Sharon C. Cobb**, Associate Professor and Director  
of International Curriculum

**Andrés Gallo**, Associate Professor and Director  
of The Center for International Business Studies

**Oliver Schusenberg**, Associate Professor and Director  
of International Relations

**Marlena Martinez**, Study Abroad Coordinator

[www.unf.edu/coggin/intlbus](http://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 Delaney. 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**  
**Track: International Business**  
**Degree: Bachelor Of Business Admin**

**Foundations (21 SEMESTER HOURS)**

Grade of "C" or better required in Foundations.

ACG 2021 3.0 Prin Financial Acc  
(sequence of ACG 2001/2011 may be substituted for ACG 2021)  
ACG 2071 3.0 Prin Managerial Acc  
ECO 2013 3.0 Princ Macroeconomics

ECO 2023 3.0 Princ Microeconomics  
 CGS 1100 3.0 Cmptr App For Bus  
 Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

MAC 2233 3.0 G(M) Calc For Bus  
 MAC x230 may be substituted for MAC 2233  
 STA 2023 3.0 G(M) Elem Stats-bus  
 QMB x100 or STA x122 may be substituted for STA 2023

**Core Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in all core courses.

MAN 3025 3.0 Adminis Management  
 MAR 3023 3.0 Prin Of Marketing  
 FIN 3403 3.0 Financial Management  
 SOP 3004 3.0 Social Psychology  
 BUL 3130 3.0 Legal Environ Of Bus  
 MAN 3504 3.0 Prod-oper-logist Man

In last term take:

MAN 4720 3.0 Strat Mgt Bus Policy  
 (MAN 3025, MAR 3023 and FIN 3403 must be completed with "C's" or higher prior to enrolling in MAN 4720)

\*students are expected to have completed the required IBS Internship prior to their graduating semester

**Major Requirements (12 SEMESTER HOURS)**

Grade of "C" or better required in major requirements.

ECO 3703 3.0 International Trade  
 FIN 4604 3.0 Internatnl Finance  
 MAN 4600 3.0 Man Internatnl Bus  
 MAR 4156 3.0 Interntnl Marketing

**Major Electives (06 SEMESTER HOURS)**

GEB 3361 3.0 Intrntl Bus Intrnshp

Select One Course

ACG 4251 3.0 International Acctng  
 ECO 4723 3.0 Inter Monetary Sys  
 GEO 3502 3.0 Economic Geography  
 FRE 3440 3.0 Fre For Professions  
 SPN 3013 3.0 Span For Professions  
 BUL 4322 3.0 Internatnal Bus Law  
 ECS 3013 3.0 Economic Development  
 ECS 3303 3.0 Current Eu Economics  
 ECS 3403 3.0 Latin Amer Economy  
 MAN 4064 3.0 Organizational Ethic  
 MAN 4654 3.0 Comp Bus Practices  
 TRA 4721 3.0 Int'l Logistics  
 ACG 4956 1-9 Study Abroad Account  
 ECO 4956 1-9 Stdy Abroad Economic  
 FIN 4956 1-9 Study Abroad Finance  
 GEB 4956 1-9 Study Abroad Business  
 MAN 4956 1-9 Stud Abroad Mgmnt  
 MAR 4956 1-9 Study Abroad Market  
 TRA 4956 1-9 Sty Abroad Logistics  
 TAX 4901 1-3 Dis In Taxation

ECO 3701 and GEO 3553 are specifically excluded

**Requisites (06 SEMESTER HOURS)**

Language Requirement (2000 - 4000 LEVEL)

Select two intermediate courses in foreign language:  
 FRE/JPN/SPN/GER

**Required Business (06 SEMESTER HOURS)**

ISM 4011 3.0 Intro Mgmt Info Sys

Select One

ECO 3411 3.0 Business & Econ Stat  
 QMB 4600 3.0 Intro To Man Science

**Non-business Requirements (3000 - 4000 LEVEL) (09 SEMESTER HOURS)**

Oral Communication

SPC 4064 3.0 Public Speaking Prof

Regional Studies

Select two courses from one of the seven regional studies areas (Asia - Europe - Latin America - Middle East - International Relations & Politics - French language - Spanish language) which differs from residential experience. Courses must be chosen from the list of approved courses obtained from the ibs advisor. One of these courses must also satisfy the cultural diversity requirement for the Coggin College.

See IBP website for approved list of regional studies courses.

[www.unf.edu/coggin/intlbus](http://www.unf.edu/coggin/intlbus)

Other qualifying regional studies courses may occasionally be offered as special topics courses. Students may substitute qualifying courses with prior permission from the director of the international business program.

- \* This program is pending evaluation of official transcripts.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* This program is subject to a student fully admitted into the Coggin College of Business.
- \* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- \* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

All international business majors are required to have an approved international experience. Examples of approved experience 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
- studying another language abroad

\*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**  
620-2780

**C. Bruce Kavan**, Professor and Chair  
**H. Eugene Baker III**, Professor  
**Bruce Fortado**, Professor  
**Edward A. Johnson**, Professor

**Steven K. Paulson**, Professor and Chairholder  
**M. Reza Vaghefi**, Professor  
**Craig G. Harms**, Associate Professor  
**Dag Näslund**, Associate Professor  
**Robert W. Schupp**, Associate Professor  
**Cheryl A. Van Deusen**, Associate Professor  
**Steven A. Williamson**, Associate Professor and  
Director

**Saurabh Gupta**, Assistant Professor  
**Rahul W. Kale**, Assistant Professor  
**Paul A. Fadil**, Assistant Professor  
**Crystal L. Owen**, Assistant Professor  
**Antony Paulraj**, Assistant Professor  
**Marjory Templeton**, Instructor

[www.unf.edu/coggin/mml](http://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**  
**Track: Management**  
**Degree: Bachelor Of Business Admin**

**Foundations (21 SEMESTER HOURS)**

Grade of "C" or better required in foundations.

ACG 2021 3.0 Prin Financial Acc  
(sequence of ACG 2001/2011 may be substituted for ACG 2021.)

ACG 2071 3.0 Prin Managerial Acc

ECO 2013 3.0 Princ Macroeconomics

ECO 2023 3.0 Princ Microeconomics

CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

MAC 2233 3.0 G(M) Calc For Bus

MAC x230 may be substituted for MAC 2233

STA 2023 3.0 G(M) Elem Stats-bus

QMB x100 or STA x122 may be substituted for STA 2023

**Core Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in all core courses.

MAN 3025 3.0 Adminis Management

MAR 3023 3.0 Prin Of Marketing

FIN 3403 3.0 Financial Management

SOP 3004 3.0 Social Psychology

BUL 3130 3.0 Legal Environ Of Bus

MAN 3504 3.0 Prod-oper-logist Man

In last term take:

MAN 4720 3.0 Strat Mgt Bus Policy

(MAN 3025, MAR 3023, and FIN 3403 must be successfully completed prior to enrolling in MAN 4720.)

**Major Requirements (24 SEMESTER HOURS)**

(min. 2.0 GPA required in major courses and one "D" allowed.)

MAN 4201 3.0 Organization Theory

MAN 4240 3.0 Organizatnl Behavior

MAN 4301 3.0 Human Resource Mgmt

QMB 4600 3.0 Intro To Man Science

MAN 4600 3.0 Man Internatnl Bus

ISM 4011 3.0 Intro Mgmt Info Sys

Select 2 Management Courses (4000 LEVEL)

MAN

**Business Electives (09 SEMESTER HOURS)**

Select One Course

ECO 3101 3.0 Inter Microeconomics

ECO 3203 3.0 Inter Macroeconomics

ECO 3703 3.0 International Trade

ECO 3411 3.0 Business & Econ Stat

ECP 3203 3.0 Labor Economics

ECP 3703 3.0 Managerial Economics

Select Two Courses (3000 - 4000 LEVEL)

ACG BUL ECO ECP ECS FIN GEB GEO MAR REE RMI

TAX TRA

## Non-business Electives

(3000 - 4000 LEVEL) (06 SEMESTER HOURS)

### Cultural Diversity

Select one from approved Coggin cultural diversity list or participate in any Coggin short-term or semester study abroad (see <http://cibs.unf.edu>)

### Oral Communication

SPC 4064 3.0 Public Speaking Prof

- \* This program is pending evaluation of official transcripts.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* This program is subject to a student fully admitted into the Coggin College of Business.
- \* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- \* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

## Department of Marketing and Logistics 620-2780

**Gregory T. Gundlach**, Visiting Eminent Scholar

**Ronald J. Adams**, Professor

**Adel I. El-Ansary**, Professor, Chairholder and Chair

**Robert Frankel**, Professor and Chairholder

**A. Coskun Samli**, Research Professor

**Yemisi A. Bolumole**, Associate Professor

**David Cantro**, Assistant Professor

**Youngtae Choi**, Assistant Professor

**Reham A. Eltantawy**, Assistant Professor

**Frederick D. Pragasam**, Instructor

**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 across firms and in 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

### Track: Marketing

### Degree: Bachelor Of Business Admin

### Foundations (21 SEMESTER HOURS)

Grade of "C" or better required in foundations.

ACG 2021 3.0 Prin Financial Acc  
(sequence of ACG 2001/2011 may be substituted for ACG 2021.)

ACG 2071 3.0 Prin Managerial Acc

ECO 2013 3.0 Princ Macroeconomics

ECO 2023 3.0 Princ Microeconomics

CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

MAC 2233 3.0 G(M) Calc For Bus

MAC x230 may be substituted for MAC 2233

STA 2023 3.0 G(M) Elem Stats-bus

QMB x100 or STA x122 may be substituted for STA 2023.

### Core Requirements (21 SEMESTER HOURS)

Grade of "C" or better required in all core courses.

MAR 3023 3.0 Prin Of Marketing

MAN 3025 3.0 Adminis Management

FIN 3403 3.0 Financial Management

SOP 3004 3.0 Social Psychology

BUL 3130 3.0 Legal Environ Of Bus

MAN 3504 3.0 Prod-oper-logist Man

In last term take:

MAN 4720 3.0 Strat Mgt Bus Policy

(MAR 3023, MAN 3025, and FIN 3403 must be successfully completed prior to enrolling in MAN 4720.)

### Major Requirements (18 SEMESTER HOURS)

Grade of "C" or better required in major requirements.

MAR 4613 3.0 Mar Research & Info

MAR 4503 3.0 Consumer Behavior

MAR 4156 3.0 Interntnal Marketing

MAR 4803 3.0 Strategic Markt Mgmt

Select Two Marketing Courses. (3000 - 4000 LEVEL)

MAR

### Required Business (15 SEMESTER HOURS)

ISM 4011 3.0 Intro Mgmt Info Sys

Select One Course.

ECO 3101 3.0 Inter Microeconomics

ECO 3203 3.0 Inter Macroeconomics  
 ECO 3411 3.0 Business & Econ Stat  
 ECO 3703 3.0 International Trade  
 ECP 3203 3.0 Labor Economics  
 ECP 3703 3.0 Managerial Economics  
 Select Two Courses (3000 - 4000 LEVEL)  
 ACG BUL ECO ECP ECS FIN GEB GEO MAN QMB  
 REE RMI TAX TRA

Select One Course  
 ECO 3411 3.0 Business & Econ Stat  
 QMB 4600 3.0 Intro To Man Science  
 ECO 3411 can be counted only once.

**Non-business Requirements**  
**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

**Cultural Diversity**  
 Select one from approved Coggin cultural diversity list or participate in any Coggin short-term or semester study abroad (see <http://cibs.und.edu>)

**Oral Communication**  
 SPC 4064 3.0 Public Speaking Prof

- \* This program is pending evaluation of official transcripts.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* This program is subject to a student fully admitted into the Coggin College of Business.
- \* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.
- \* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**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 three 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. 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 "Center for Excellence." The Transportation and Logistics Program also includes the International Center for Competitive Excellence. The Center actively performs ongoing logistics and supply chain management research. The Center also conducts an internationally recognized executive education program in logistics and supply chain management. 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.

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. 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 semester 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.

**Major: Transportation And Logistics**  
**Track: Transportation & Logistics**  
**Degree: Bachelor Of Business Admin**

**Foundations (21 SEMESTER HOURS)**

Grade of "C" or better required in Foundations.

ACG 2021 3.0 Prin Financial Acc  
 (sequence of ACG 2001/2011 may be substituted for ACG 2021)  
 ACG 2071 3.0 Prin Managerial Acc  
 ECO 2013 3.0 Princ Macroeconomics  
 ECO 2023 3.0 Princ Microeconomics  
 CGS 1100 3.0 Cmptr App For Bus

Demonstrated competency or one of the following course equivalencies may be substituted: CGS 1530, CGS 1570, CGS 2060, CGS 2100, CGS 2531, CGS 2570, CGS 2000, or MAN 2812.

MAC 2233 3.0 G(M) Calc For Bus  
 MAC x230 may be substituted for MAC 2233

STA 2023 3.0 G(M) Elem Stats-bus  
 QMB x100 or STA x122 may be substituted for STA 2023

**Core Requirements (21 SEMESTER HOURS)**

Grade of "C" or better required in all core courses.

MAN 3504 3.0 Prod-oper-logist Man



MAN 3025	3.0	Adminis Management
MAR 3023	3.0	Prin Of Marketing
FIN 3403	3.0	Financial Management
SOP 3004	3.0	Social Psychology
BUL 3130	3.0	Legal Environ Of Bus

In last term take:

MAN 4720	3.0	Strat Mgt Bus Policy
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(MAN 3023, MAR 3023, and FIN 3403 must be completed with "C" or higher prior to enrolling in MAN 4720)

### Major Requirements (18 SEMESTER HOURS)

Grade of "C" or better required in major requirements.

QMB 4600	3.0	Intro To Man Science
ISM 4011	3.0	Intro Mgmt Info Sys
TRA 3035	3.0	Foundations Of Trans
TRA 4202	3.0	Log Sys Management
TRA 4155	3.0	Supply Chain Mgmt
TRA 4210	3.0	Log Subsys Analysis

### Major Electives (03 SEMESTER HOURS)

Select One Course

TRA 4721	3.0	Int'l Logistics
TRA 4945	3.0	Logistics Internship
MAN 4401	3.0	Labor Relations
MAR 4461	3.0	Purchasing Managemnt
TRA 4139	3.0	Sem: purch Matls/Mgmt

### Required Business (12 SEMESTER HOURS)

Required Course

ECO 3411	3.0	Business & Econ Stat
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Select One Course

ECO 3101	3.0	Inter Microeconomics
ECO 3203	3.0	Inter Macroeconomics
ECO 3703	3.0	International Trade
ECP 3703	3.0	Managerial Economics

Select One Course (3000 - 4000 LEVEL)

MAN 4600	3.0	Man Internationl Bus
MAR 4156	3.0	Interntnal Marketing
FIN 4604	3.0	Internationl Finance
ECO 3703	3.0	International Trade

\*ECO 3703 international trade can only be counted once

Select One Course (3000 - 4000 LEVEL)

ACG BUL ECO ECP ECS FIN GEB GEO ISM MAN MAR QMB REE RMI TAX
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### Non-business Requirements

(3000 - 4000 LEVEL) (06 SEMESTER HOURS)

Cultural Diversity

Select one from approved Coggin cultural diversity list or participate in any Coggin short-term or semester study abroad (see <http://cibs.unf.edu>)

Oral Communication

SPC 4064	3.0	Public Speaking Prof
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\* This program is pending evaluation of official transcripts.

\* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.

\* This program is subject to a student fully admitted into the Coggin College of Business.

\* An approved dual/concurrent enrollment form is required prior to registering for courses at another institution.

\* Students are not allowed to enroll in courses at another institution during their last semester at UNF.

**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 Minor

Minor Foundations (18 SEMESTER HOURS)

ACG 2021	3.0	Prin Financial Acc
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\* sequence of ACG 2001/2011 may be substituted for ACG 2021

ACG 2071	3.0	Prin Managerial Acc
ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics
CGS 1100	3.0	Cmptr App For Bus
STA 2023	3.0	G(M) Elem Stats-bus

QMB x100 may be substituted for STA 2023

### Minor Requirements (12 SEMESTER HOURS)

FIN 3403	3.0	Financial Management
MAN 3025	3.0	Adminis Management

Select Two

BUL 3130	3.0	Legal Environ Of Bus
MAR 3023	3.0	Prin Of Marketing
MAN 3504	3.0	Prod-oper-logist Man

#### Conditions for the minor:

1. At least 12 hours of upper-level course work in Business Administration must be taken at UNF.
2. A grade of "C" or better is required for all minor courses, including prerequisites.
3. Students seeking a minor in Business Administration must adhere to the college's continuous enrollment policy stated in the UNF catalog.

### Minor: Economics Minor

This minor is available to non-business and business majors.

### Minor Foundations (06 SEMESTER HOURS)

ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics

### Minor Requirements (12 SEMESTER HOURS)

Required Courses

ECO 3101	3.0	Inter Microeconomics
ECO 3203	3.0	Inter Macroeconomics

### Select One Course

ECO 3411	3.0	Business & Econ Stat
ECO 3421	3.0	Econometrics

### Select One Course. (3000 - 4000 LEVEL)

ECO/ECP/ECS/GEO/GIS

Excluding ECO 3701, ECP 3703, and ECO 3900

### Conditions for the minor

1. At least six semester hours of upper-level course work in economics must be taken at UNF.
2. A grade of "C" or better is required for all minor courses, including prerequisites.

**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 Minor

#### Minor Prerequisites (21 SEMESTER HOURS)

ACG 2021	3.0	Prin Financial Acc
* sequence of ACG 2001/2011 may be substituted for ACG 2021		
ACG 2071	3.0	Prin Managerial Acc
ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics
CGS 1100	3.0	Cmptr App For Bus
MAC 2233	3.0	G(M) Calc For Bus
MAC x230 may be substituted for MAC 2233		
STA 2023	3.0	G(M) Elem Stats-Bus
QMB x100 may be substituted for STA 2023		

#### Minor Requirements (3000 - 4000 LEVEL) (15 SEMESTER HOURS)

FIN 3403	3.0	Financial Management
FIN 3233	3.0	Money And Banking
FIN 4504	3.0	Investments

Select two courses from the following list:

RMI 4135	3.0	Employee Benefit Pln
RMI 3011	3.0	Risk Mgmt & Ins
ACG 4944	3.0	Small Bus Counseling
ECO 4223	3.0	Monetary Economics
TAX 3721	3.0	Tax Plan Finan Decis

\*\*accounting majors may not take TAX 3721.

\*\*financial services majors may not take FIN 3140.

FIN REE

### Conditions for the minor:

1. To obtain a minor in finance, a student must receive a BBA degree from UNF.
2. Nine semester hours, or three courses, must be taken in the Coggin College of Business at UNF.
3. A grade of "C" or better is required in all minor courses, including prerequisites.
4. Students who wish to obtain this minor must apply through an established procedure, which is available in the College's Student Service Center.

### Minor: Entrepreneurship Minor

This minor is available to non-business and business majors.

#### Minor Foundations (09 SEMESTER HOURS)

MAN 3025	3.0	Admin Management
MAR 3023	3.0	Princ of Marketing
FIN 3403	3.0	Financial Management

#### Minor Requirements (15 SEMESTER HOURS)

##### Required Courses

GEB 3154	3.0	Entrepreneurial Mrkt
FIN 4461	3.0	Finance Statmnt Analy
GEB 4113	3.0	Entrepreneurship

##### Select TWO Course

GEB 3132	3.0	Family Business Manag
GEB 3124	3.0	SIFE Prof'l Develop
GEB 4942	3.0	Entrepreneur Intership
GEB 4104	3.0	Small Businss Consult

### Conditions for the minor

1. Students must take a minimum of 12 hours of upper-level course work in entrepreneurship at UNF.
2. A grade of "C" or better is required for all minor courses, including prerequisites.

**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 Minor

#### Minor Requirements (15 SEMESTER HOURS)

##### Required Courses

ECO 3703	3.0	International Trade
FIN 4604	3.0	International Finance
MAN 4600	3.0	Man International Bus

##### Select One

MAR 4156	3.0	Interntnal Marketing
TRA 4721	3.0	Int'l Logistics

##### Select One (3000 - 4000 LEVEL)

HIS/GEO/ASH/EUH/LAH

### Conditions for the minor

1. To obtain a minor in international business, a student must receive a B.B.A. Degree from UNF.
2. Nine semester hours, or three courses, must be taken in the Coggin College of Business at UNF.
3. A grade of "C" or better is required in all minor courses, including prerequisites.
4. Courses chosen from outside the Coggin College of Business must be approved by the student's academic advisor.
5. Students who wish to obtain this minor must apply through an established procedure which is available in the college's student service center.

## **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](http://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.

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.

## **The Center for Economic Education**

**Stephen L. Shapiro**, Director  
**John R. Mundy**, Assistant 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 and 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 And Plastics Education and Research (PAPER) Institute**

**Steven Williamson**, Director

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 of four professorships provided by NPTA’s Paper And Plastics Education and Research Foundation.

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. Research is funded to the limit of the endowment income dedicated to such activities on a merit basis with the relevance to NPTA and its membership always being of prime consideration. Although the Institute Director has the ultimate decision authority regarding the funding of research proposals, the director maintains the option of seeking feedback on proposals from the NPTA and its foundation before committing to a decision. If at any time fundable proposals are lacking from within the Coggin community, the Institute’s director will solicit proposals from other State of Florida public universities.
3. 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.
4. 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.

PAPER Research Scholars for 2005-2006 include Yemisi Bolumole, Young-tae Choi, Robert Frankel, Antony Paulraj, and Cheryl Van Deusen.

## **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 one million dollar 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 State of 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 and 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

Prerequisites: Sophomore standing and completion of College Algebra (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

Prerequisites: ACG 2021 and MAC 1105 (College Algebra) or equivalent 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

##### Problems and Concepts I

Prerequisite: ACG 2021 with “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 critical evaluation for existing accounting theory and practices.

#### ACG 3113 - Intermediate Accounting

##### Problems and Concepts II

Prerequisite: ACG 3103 with “C” or better. This course is a continuation of ACG 3103.

#### ACG 3123 - Intermediate Accounting

##### Problems and Concepts III

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

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

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

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 both 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 responsibilities and functions in today’s marketplace. The course addresses audit planning, internal control evaluation, substantive testing, and report generation in detail.

#### ACG 4671 - Fundamentals of Internal Auditing

3 Prerequisite: ACG 3113 and ACG 4401 with “C” or better. The 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, cybercrime, business valuation, and disaster recovery and reconstruction.

#### ACG 4901 - Directed Independent Study in Accounting v. 1 - 3

Prerequisite: ACG 3103 with a “C” or better and a UNF GPA of 3.00 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 6 credits.

**ACG 4931 - Special Topics in 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 UNF GPA of 3.00 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 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. May be repeated up to 9 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 in Taxation** 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 6 credits.

## **Business Law**

**BUL 3130 - The 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 Studies in 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 6 credits.

## **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. Our primary purpose is to give you a full understanding of key economic concepts that are essential in understanding how a market economy operates. We will also look at alternatives to the market as well as the fundamentals of consumer economics. This course cannot be taken by any Coggin College of Business majors or by Economics majors in 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. This course is recommended to be taken before ECO 2023. 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. This course is recommended to be taken after ECO 2013. 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 term.

**ECO 3203 - Intermediate Macroeconomics** 3  
Prerequisite: ECO 2013. Corequisite: ECO 3411 or ECO 3421 or QMB 4600. This course analyzes aggregate economic activity and growth, focusing on national economic goals and policies for their attainment. Normally offered each term.

<b>ECO 3411 - Business and Economic Statistics</b>	<b>3</b>	<b>ECO 4933 - Special Topics in Economics</b>	<b>v. 1 - 3</b>
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 chi-square. This course should be taken as early as possible in the student's upper-level curriculum. Normally offered each term.		Prerequisite: Permission of instructor. Study of special topics not offered in other departmental courses. May be repeated with change in content up to a maximum of 9 credits.	
<b>ECO 3421 - Econometrics</b>	<b>3</b>	<b>ECO 4956 - Study Abroad in Economics</b>	<b>v. 1 - 9</b>
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, auto correlation, and regression with dichotomous variables. The course emphasizes empirical applications of econometrics. Normally offered every fall.		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.	
<b>ECO 3622 - American Economic History</b>	<b>3</b>	<b>ECP 1002 - Survey of Economic Issues</b>	<b>3</b>
Survey of American economic growth and development since 1607. Emphasis on institutional evolution, growth trends, and the determinants of change.		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.	
<b>ECO 3701 - CD - Contemporary International Economic Issues</b>	<b>3</b>	<b>ECP 2140 - CD - Race and Gender in the American Economy</b>	<b>3</b>
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.		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.	
<b>ECO 3704 - International Trade</b>	<b>3</b>	<b>ECP 3203 - Labor Economics</b>	<b>3</b>
Prerequisite: ECO 2023. Introduction to international trade theory and practice. Analysis of trade patterns and national policies affecting trade. Normally offered every term.		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.	
<b>ECO 4223 - Monetary Economics</b>	<b>3</b>	<b>ECP 3403 - Economics of Industrial Organizations</b>	<b>3</b>
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.		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.	
<b>ECO 4303 - History of Economic Thought</b>	<b>3</b>	<b>ECP 3451 - Law, Economics, and Public Policy</b>	<b>3</b>
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.		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.	
<b>ECO 4504 - Public Finance</b>	<b>3</b>	<b>ECP 3530 - Health Economics and Policy</b>	<b>3</b>
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.		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 and 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.	
<b>ECO 4713 - The International Monetary System</b>	<b>3</b>	<b>ECP 3613 - Urban Economics</b>	<b>3</b>
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.		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.	
<b>ECO 4905 - Directed Individual Study</b>	<b>v. 1 - 3</b>		
Prerequisite: Permission of department chair. Study of special topics under the guidance of faculty members. May be repeated with change of content up to a total of 6 credits.			



<b>ECP 3703 - Managerial Economics</b>	<b>3</b>	<b>FIN 4414 - Financial Management II</b>	<b>3</b>
Prerequisite: ECO 2023. Corequisite: ECO 3411 or ECO 3421 or QMB 4600. This course analyzes aggregate economic activity and growth, focusing on national economic goals and policies for their attainment.		Prerequisite: FIN 3403 with "C" or better. 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.	
<b>ECP 4413 - Government and Business</b>	<b>3</b>	<b>FIN 4461 - Financial Statement Analysis</b>	<b>3</b>
Prerequisite: ECO 2013, ECO 2023. Economic analysis of industrial organization and the effects of government regulation of business. Normally offered spring term of even-numbered years.		Prerequisite: FIN 3403. 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.	
<b>ECS 3013 - Economic Development</b>	<b>3</b>	<b>FIN 4504 - Investments</b>	<b>3</b>
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. Normally offered spring term.		Prerequisite: FIN 3403 with "C" or better. Principles and practices of investments; factors influencing security values.	
<b>ECS 3303 - Current Issues in the Economics of the European Union</b>	<b>3</b>	<b>FIN 4514 - Securities Analysis and Portfolio Management</b>	<b>3</b>
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.		Prerequisite: FIN 4504. 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.	
<b>ECS 3403 - Current Issues in the Economy of Latin America</b>	<b>3</b>	<b>FIN 4533 - Derivatives</b>	<b>3</b>
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.		Prerequisite: FIN 4504. This course introduces students to the theoretical and practical aspects of the markets for financial futures, options, and other derivatives. This course is normally offered in the fall semester only.	
<b>Finance</b>		<b>FIN 4557 - Behavioral Finance</b>	<b>3</b>
<b>FIN 3140 - Personal Finance</b>	<b>3</b>	Prerequisite: FIN 4504. 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. Usually offered only in the spring.	
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.		<b>FIN 4560 - Student Managed Investment Fund I</b>	<b>3</b>
<b>FIN 3233 - Money and Banking</b>	<b>3</b>	Prerequisite: FIN 4504. 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 this course must continue to SMIF II during the next semester.	
Prerequisites: ACG 2071, ECO 2013, STA 2023 and FIN 3403 with "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.		<b>FIN 4561 - Student Managed Investment Fund II</b>	<b>3</b>
<b>FIN 3403 - Financial Management</b>	<b>3</b>	Prerequisite: FIN 4560. This is a continuation of SMIF I. Students continue to evaluate securities; however, more attention is directed at the beginning to position the portfolio for the idle summer months by identifying core holdings, and the preparation of the Annual Fund Report.	
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.		<b>FIN 4604 - International Finance</b>	<b>3</b>
<b>FIN 4126 - Seminar in Financial Planning</b>	<b>3</b>	Prerequisite: FIN 3403. 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.	
Prerequisites: FIN 4504 and REE 4043. This course is designed to study current issues in financial planning in case analysis and discussions. Usually offered in the spring only.		<b>FIN 4931 - Special Topics in Finance</b>	<b>v. 1 - 3</b>
<b>FIN 4134 - Estate Planning</b>	<b>3</b>	Prerequisites: FIN 3403 and permission of advisor and department chair. Study of special topics not offered in other departmental courses. May be repeated with change of content up to a maximum of 6 credits.	
Prerequisite: TAX 3721. 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 postmortem planning. How planning is affected by business assets, employee benefits, and insurance will also be studied. Offered only in spring term.			

<b>FIN 4941 - Finance Internship</b>	<b>v. 1 - 3</b>	<b>GEO 4956 - Study Abroad in Finance</b>	<b>v. 1 - 9</b>
Prerequisite: FIN 3403. 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.		Prerequisite: Permission of the instructor. 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 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.	
<b>Geography</b>		<b>GIS 3043 - Introduction to Geographic Information Systems</b>	<b>3</b>
<b>GEO 2000 - Geography for Teachers</b>	<b>3</b>	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. Normally offered each term.	
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 Arts and Sciences.		<b>GIS 4048 - Intermediate Geographic Information Systems</b>	<b>3</b>
<b>GEO 2200 - Physical Geography</b>	<b>3</b>	Prerequisite: GEO 3151. This course expands on the concepts, techniques, and theories introduced in GEO 3151. Students will learn advanced techniques of spatial data creation and advanced methods of spatial analysis.	
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.		<b>Insurance</b>	
<b>GEO 2420 - CD - Cultural Geography</b>	<b>3</b>	<b>RMI 3011 - Risk Management and Insurance</b>	<b>3</b>
The analysis of cultural differences 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.		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.	
<b>GEO 3372 - Conservation of Natural Resources</b>	<b>3</b>	<b>RMI 4135 - Employee Benefit Plans</b>	<b>3</b>
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 terms.		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.	
<b>GEO 3502 - Economic Geography</b>	<b>3</b>	<b>Management</b>	
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.		<b>GEB 1011 - Foundations of Business</b>	<b>3</b>
<b>GEO 3553 - Cultural Dimensions of Economic Geography</b>	<b>3</b>	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.	
This course explores the cultural aspects associated with economic geography. It concentrates on the socioeconomic consequences of changing economic structures in the development process. Normally offered each fall term.		<b>GEB 2112 - Planning a New Business</b>	<b>3</b>
<b>GEO 4905 - Directed Individual Study</b>	<b>v. 1 - 3</b>	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.	
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.		<b>GEB 2956 - Study Abroad in Business</b>	<b>v. 1 - 9</b>
<b>GEO 4930 - Special Topics in Geography</b>	<b>v. 1 - 3</b>	Prerequisite: Permission of the instructor. Students will study a country's 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 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.	
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.		<b>GEB 3124 - Students in Free Enterprise Professional Development Program</b>	<b>3</b>

- GEB 3132 - Family Business Management** 3  
Prerequisite: MAN 3025 Administrative Management. The 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 businesses comprise close to 90% of businesses worldwide, students would benefit from understanding the dynamics of families in 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  
Prerequisite: MAN 3025 Administrative Management and MAR 3023 Principles of Marketing. 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 in 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 receive repeat credit for this course.
- GEB 4104 - Small Business Consulting** 3  
Prerequisite: GEB 3154 Entrepreneurial Marketing, FIN 4461 Financial Statement Analysis and GEB 4113. Entrepreneurial students must have completed all Entrepreneurship minor required courses and obtain permission of the instructor prior to enrolling in the course. 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  
Prerequisite: GEB 3154 Entrepreneurship Marketing and FIN 4461 Financial Statement Analysis. In this course students will examine the concepts and issues of creating new ventures and the 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(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. Repeatable up to six hours.
- 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  
Prerequisite: GEB 3154 Entrepreneurship Marketing and FIN 4461 Financial Statement Analysis, and permission of the instructor, grade point average of 2.50 or higher. The course provides internships as an opportunity for entrepreneurship students to utilize the knowledge they have learned in the classroom and to gain real world 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 the 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 2905 - 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 up to 3 credits with a change in content.
- 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 - Production/Operations and Logistics Management** 3  
Prerequisite: STA 2023. Administrative control and problems of functional systems.
- MAN 4064 - Organizational Ethics: A Global Perspective** 3  
Prerequisite: MAN 3025. 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 and 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  
Prerequisite: 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 4322 - Introduction to Human Resource Management Systems** 3  
Prerequisites: MAN 4301 and CGS 1100. Stresses the need to manage human resource management (HRM) information. Includes development and implementation of HRM information applications, quality assurance and the organization and management of the HRM function. Emphasis on application of commercial software packages used in industry and government.
- 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 4579 - Seminar in Purchasing and Materials Management** 3  
Prerequisites: MAR 4461, 3 SCH's of PMM electives. Advanced concepts in purchasing and materials management with emphasis on recent research and current practices. This course is cross listed as TRA 4139.
- MAN 4583 - Project Management** 3  
Prerequisites: ISM 4011 and 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 - Management of International Business** 3  
Prerequisite: MAN 3025. 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 4654 - Comparative Business Practices: European Union and the U.S.** 3  
Prerequisites: MAN 3025 and senior standing. This course studies the similarities/differences in business management practices in the countries of the European Union and the United States. Universality of management practices is a central issue. Regional and country subtopics include: business environment, culture, organization, structure, etiquette, language, leadership, attitudes. Special attention is given to EU and NAFTA influences.
- 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 pass/fail basis.
- MAN 4942 - Management Internship** 3  
Prerequisites: MAN 3025, 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 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.
- QMB 4600 - 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.

- SLS 2301 - Career Development and Life Planning** v. 1 - 3  
Prerequisite: Sophomore standing. This course involves self assessment activities looking at the students' interests, skills, values, capabilities 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. In addition, dual career couples, planning for your financial future, and stress/time management are sessions presented in the special topics module of the course. The basic purpose of the course is to provide an opportunity for students to develop the necessary skills in all areas of career development.
- 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 3 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 organizational 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 and 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 strategies, 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 4840 - 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** 1  
Prerequisite: MAR 3023. This seminar consists of a series of weekly lectures by recognized authorities that address various dimensions of marketing and supply chain management. Lecturers 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  
Prerequisite: MAR 3023 and junior standing. The internship provides the students with significant applied 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 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.
- Real Estate and 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.
- 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. Usually offered in the fall only.
- 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 and Investments** 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 and 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 - Seminar in Purchasing and 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 and 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 partnerships in the supply chain; and implementing supply chain management.
- TRA 4202 - Logistics Systems Management** 3  
Prerequisites: MAR 3023, MAN 3504 and 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 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 6 credits.

**TRA 4945 - Logistics Internship 3**

Prerequisites: MAR 3023 (C or better), MAN 3504 (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 Transportation and 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 Computing, Engineering and Construction

**Neal S. Coulter**, Dean and Professor  
**Gerald Merckel**, Associate Dean and Professor  
620-1350

## College of Computing, Engineering and Construction

[www.unf.edu/ccec](http://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 Building 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. Engineering classes are supported by specialized laboratories, most of which are equipped with advanced computers and engineering instrumentation. Engineering testing and measuring equipment, a machine/pattern shop, fluid/hydraulics, environmental, geotechnical, materials/structures, incompressible and compressible fluid flow device support instruction in circuits, electronics, communications, microprocessors, digital design, robotics and controls/power for Civil, Electrical and Mechanical Engineering. A laboratory is also provided for senior design. The Building 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 ABET. The undergraduate building construction management 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 their 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 a student's transcripts have been evaluated by the Office of Admissions. Contact information for CCEC Advisors can be found at <http://www.unf.edu/cccec/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 state-wide course prerequisites for the student's intended engineering discipline. Interested students should contact the Division 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 semester 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+ semester hours) in good standing. Interested students should contact an academic advisor in the college.

## Minor: Certificate: Leadership Development

\*\* CCEC - Certificate in Leadership Development \*\*

All course work in the certificate must be completed with a grade of "C" or better.

## Certificate: Leadership Development

**Required Courses (13 SEMESTER HOURS)**

Leadership Foundation

Select One Seminar from:

BCN 4931	1.0	3.0 Seminar: Constr Mgt
CIS 3255	1.0	Fnd Technology Ldrsh
EGN 3038	1.0	Leadership For Engin

Communications and Interpersonal Skills

Select One:

MMC 2701	3.0	CD- Comm Acrs Culture
SPC 4064	3.0	Public Speaking Prof
SYP 4050	3.0	Soc Human Interacton
INP 4004	3.0	Indstrl Orgnztnl Psy

Historical and Political Perspectives

Select One:

AMH 3590	3.0	American Biography
POS 3413	3.0	American Presidency
ANT 4274	3.0	Political Anthropolgy

Ethical and Legal Considerations

Select One:

BUL 3130	3.0	Legal Environ Of Bus
CIS 4253	3.0	Legal Eth Iss Comp
PHI 3601	3.0	Ethics
PHI 3641	3.0	Business Ethics

Business Skills

Select One:

GEB 1011	3.0	Found Of Business
MAN 3025	3.0	Adminis Management
MAN 4991	3.0	Exp: Management*

\*The Experimental Management course is "Exploring Effective Leadership"

## Conditions for the Certificate:

1. All course work must be completed at UNF.

## School of Computing

John E. Mathews Jr. Building,  
School of Computing, room 3201  
620-2985

[www.unf.edu/ccec/cis](http://www.unf.edu/ccec/cis)

**Judith L. Solano**, Associate Professor and 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  
**Sherif A. Elfayoumy**, Associate Professor  
**Arturo J. Sanchez**, Associate Professor  
**Behrooz Seyed-Abbassi**, Associate Professor  
**F. Layne Wallace**, Associate Professor  
**J. David Lambert, Ph.D.**, Assistant Professor  
**Zornitza G. Prodanoff**, Assistant Professor  
**Katharine C. Brown**, Instructor and Advisor  
**Lisa A. Jamba**, Instructor and Advisor  
**Justin Gaudry**, Instructor

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 CIS 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 the Accreditation Board for Engineering and Technology (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 the Accreditation Board for Engineering and Technology (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 is proud to offer a new 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 CIS 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 CIS 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 School of Computing**

The College of Computing, Engineering and Construction adheres 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, 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 semester 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 semester 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 CIS 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 ten 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 CIS 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 prerequisite or core requirement within two attempts will not be permitted to register for CIS courses in future semesters. This policy applies to majors and minors in CIS.

**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 and Information Sciences

#### Track: Computer Science

#### Degree: Bachelor of Science

All course work must be completed with grade of C or better

#### Prerequisites (27 SEMESTER HOURS)

MAC 2311	4.0	G(M) Calculus I
MAC 2312	4.0	G(M) Calculus II
PHY 2048	4.0	Calculus Physics I
PHY 2048 L	1.0	Calc Physics I Lab
PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab
COP 2220	3.0	Computer Science I

COP 2220 course title has changed.

‘C’ is preferred and will be used in subsequent courses.

However, introductory programming in C++ or Java may be substituted.

Select 2 science courses for science majors

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 an advisor before taking any other science.

APB BOT BSC MCB PCB ZOO BCH CHM CHS GLY AST PHY PHZ  
ISC PSC

#### Core Requirements (27 SEMESTER HOURS)

##### Foundation Courses

COT 3100	3.0	Comp Structures
COP 3503	3.0	Computer Science II
COP 3530	4.0	Data Structures

##### Public Speaking: (SPC)

##### Core Courses

COP 3601	4.0	Intro Sys Software
CDA 3101	4.0	Intro Comp Hardware
COT 3210	3.0	Computability/Automata
CIS 4253	3.0	Legal Eth Iss Comp

#### Major Requirements (16 SEMESTER HOURS)

##### Select one:

CDA 4503	3.0	Comp Netwks/Dist Prc
COP 4813	3.0	Internet Programming

##### Required:

COP 4710	3.0	Data Modeling
COP 4610	3.0	Operating Systems
COP 4620	4.0	Const Lang Transltr
CIS 4251	3.0	Software Development

#### Major Electives (09 SEMESTER HOURS)

##### Select 3 Courses

CAP 4630	3.0	Intro Artfcl Intlgn
CAP 4660 C	4.0	AI Robotics
CAP 4710	3.0	Computer Graphics
CAP 4770	3.0	Data Mining
CDA 4503	3.0	Comp Netwks/Dist Prc
CEN 4943	3.0	Sft Dvlpmt Prctem
COP 4300	3.0	Discrete Sys Mod/Sim
COP 4813	3.0	Internet Programming
COT 4400	3.0	Analysis Algorithms
COT 4560	3.0	Apld Grph Thry
CDA 4102	3.0	Intro Cmptr Archtctr
CDA 4102 L	1.0	Intro Cmptr Arch Lab

- CDA 4102 must be taken with corresponding lab.
- Electives may include up to 2 courses from one and only one Information Technology concentration.
- Other qualifying elective courses may be offered as Special Topics. See School of Computing for list of approved courses.

#### Contextual Courses (08 SEMESTER HOURS)

An overall average of C or better is required for contextual coursework.

MAS 3105	4.0	G(M) Linear Algebra
STA 4321	4.0	G(M) Prob & Statistics

**Electives (00 SEMESTER HOURS)**

Select additional courses as necessary to attain 120 total hours and 54 upper (3000/4000) level hours. Required major courses will provide 54 upper level hours.

X cr hours at 3000/4000 level.

X Cr Hours At Any Level.

Exit requirements:

Spoken Presentation: To apply oral communications skills in the program, you must deliver up to 2 presentations in computing courses. If the first presentation is satisfactory, a second presentation will be waived.

Presentation assessment forms are available in School office. Review the categories of evaluation prior to delivering your first presentation.

- \* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.
- \* The BS degree in Computer and Information Sciences requires 120 total hours.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* Proficiency in at least one high-level programming language is required for graduation.
- \* Once enrolled at UNF, any remaining prerequisites for the degree program must be completed at UNF.
- \* 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.
- \* \*\* Satisfactory Progress Policy - "one repeat" rule \*\*\* 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 CIS courses.
- \* \*\* Directed Independent Study courses may not be used to satisfy major or minor electives without prior permission from the School Director.
- \* \*\*Regarding the science for science majors requirement: The School of Computing will accept science courses for science majors, engineering majors, and science courses with a strong emphasis on quantitative methods. The two additional science courses do not need to include labs. PHY 2053 and PHY 2054, College Physics I & II or equivalent, will not be accepted in addition to the Calculus-Based Physics course since these courses possess the same content and involve a less strenuous treatment of mathematics. Any course that cannot be taken to satisfy natural science degree requirements cannot be taken to satisfy the "science for science majors" requirement.

**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 and Information Sciences**

**Track: Information Systems/Business Minor**

**Degree: Bachelor of Science**

All course work must be completed with grade of C or better

**Prerequisites (27 SEMESTER HOURS)**

Required

ACG 2021	3.0	Prin Financial Acc
ACG 2071	3.0	Prin Managerial Acc
ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics
STA 2023	3.0	G(M) Elem Stats-bus
MAC 2233	3.0	G(M) Calc For Bus
CGS 1570	3.0	Microcmpr App Softw
COP 2120	3.0	Intro COBOL Prgrmmng
COP 2551	3.0	Intro OO Programming

Or introductory programming in C, C++, Java, or equivalent language. However, an object oriented language is preferred and will be used in subsequent courses.

**Core Requirements (27 SEMESTER HOURS)**

Foundation Courses

COT 3100	3.0	Comp Structures
COP 3531	4.0	File Structures

Public Speaking: (SPC)

Core Courses

COP 3540	4.0	Data Struc Using OOP
CDA 3100	4.0	Arch Comptr Orgnztm
CIS 4253	3.0	Legal Eth Iss Comp
MAN 3025	3.0	Adminis Management
FIN 3403	3.0	Financial Management

**Major Requirements (12 SEMESTER HOURS)**

Select one:

CDA 4503	3.0	Comp Netwks/Dist Prc
COP 4813	3.0	Internet Programming

Required:

COP 4720	3.0	Database Systems
CIS 4327	3.0	Info Sys Sr Proj I
CIS 4328	3.0	Info Sys Sr Proj II

**Major Electives (18 SEMESTER HOURS)**

Select 4 Courses

CAP 4020	3.0	Multimedia Systems
CAP 4730	3.0	Graphic Systms/Appl
CAP 4770	3.0	Data Mining
CDA 3101	4.0	Intro Comp Hardware
CDA 4011	3.0	Off Autom/Human Fact
CDA 4503	3.0	Comp Netwks/Dist Prc
CIS 4100	3.0	Systm Prfrmnc/Evaltn
CIS 4301	3.0	Interact Sys Develop
CIS 4510	3.0	Exprt Sys/Decsn Supt
COP 4640	3.0	Oper Sys Environmnts
COP 4722	3.0	Database Systems II
COP 4813	3.0	Internet Programming
COT 4560	3.0	Apld Grph Thry

- Electives may include up to 2 courses from one and only one Information Technology concentration.

- Other qualifying elective courses may be offered as Special Topics. See School of Computing for list of approved courses.

Minor electives

Select 2 Courses:

BUL 3130	3.0	Legal Environ of Bu
MAN 3504	3.0	Prod-Oper-Logist Man
MAR 3023	3.0	Prin of Marketing

**Electives (03 SEMESTER HOURS)**

Select additional courses as necessary to attain 120 total hours and 54 upper (3000/4000) level hours. Required major courses provide 51 upper hours.

X Cr. hours At 3000/4000 Level. (3000 - 4000 LEVEL)

3 Cr. hours At Any Level.

**Exit Requirements:**

**Spoken Presentation:** To apply oral communications skills in the program, you must deliver up to 2 presentations in computing courses. If the first presentation is satisfactory, a second presentation will be waived.

Presentation assessment forms are available in the School office. Review the categories of evaluation prior to delivering your first presentation.

- \* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.
- \* The BS degree in Computer and Information Sciences requires 120 total hours.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* Proficiency in at least one high-level programming language is required for graduation.
- \* Once enrolled at UNF, any remaining prerequisites for the degree program must be completed at UNF.
- \* 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.
- \* \*\* Satisfactory Progress Policy - "one repeat" rule \*\*\* 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 CIS courses.
- \* \*\* Directed Independent Study courses may not be used to satisfy major or minor electives without prior permission from the School Director.

**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 postbaccalaureate student seeking a second bachelors degree; as a minor is not required for a second bachelors degree.

**Major: Computer and Information Sciences**  
**Track: Information Science**  
**Degree: Bachelor of Science**

All course work must be completed with grade of C or better

**Prerequisites (12 SEMESTER HOURS)****Required Courses**

CGS 1570	3.0	Microcmpr App Softw
COP 2120	3.0	Intro COBOL Prgrmmng
COP 2551	3.0	Intro OO Programming

Or introductory programming in C, C++, Java or equivalent language. However, an object oriented language is preferred and will be required in subsequent courses.

**Select One**

MAC 2233	3.0	G(M) Calc For Bus
MAC 2311	4.0	G(M) Calculus I

Other prerequisites may be required for the minor chosen from the UNF catalog.

**Core Requirements (24 SEMESTER HOURS)****Foundation Courses**

COT 3100	3.0	Comp Structures
COP 3531	4.0	File Structures
STA 2023	3.0	G(M) Elem Stats-bus

**Public Speaking: (SPC)****Core Courses**

COP 3540	4.0	Data Struc Using OOP
CDA 3100	4.0	Arch Comptr Orgnztn
CIS 4253	3.0	Legal Eth Iss Comp

**Major Requirements (12 SEMESTER HOURS)****Select one:**

CDA 4503	3.0	Comp Netwks/Dist Prc
COP 4813	3.0	Internet Programming

**Required:**

COP 4720	3.0	Database Systems
CIS 4327	3.0	Info Sys Sr Proj I
CIS 4328	3.0	Info Sys Sr Proj II

**Major Electives (12 SEMESTER HOURS)****Select 4 Courses**

CAP 4020	3.0	Multimedia Systems
CAP 4730	3.0	Graphic Systms/Appl
CAP 4770	3.0	Data Mining
CDA 3101	4.0	Intro Comp Hardware
CDA 4011	3.0	Off Autom/Human Fact
CDA 4503	3.0	Comp Netwks/Dist Prc
CIS 4100	3.0	Systm Prfrmnc/Evaltn
CIS 4301	3.0	Interact Sys Develop
CIS 4510	3.0	Exprt Sys/Decsn Supt
COP 4640	3.0	Oper Sys Environmnts
COP 4722	3.0	Database Systems II
COP 4813	3.0	Internet Programming
COT 4560	3.0	Apld Grph Thry

- Electives may include up to 2 courses from one and only one Information Technology concentration.

- Other qualifying elective courses may be offered as Special Topics. See School of Computing for list of approved courses.

**Required Minor (12 SEMESTER HOURS)**

**Electives (00 SEMESTER HOURS)**

Select additional courses as necessary to attain 120 total hours and 54 upper (3000/4000) level hours. Required major courses provide 39 upper level hours, and the minor chosen by the student will provide additional upper level hours.

X Cr. hours At 3000/4000 Level. (3000 - 4000 LEVEL)

X Cr. hours At Any Level.

**Exit Requirements:**

**Spoken Presentation:** To apply oral communications skills in the program, you must deliver up to 2 presentations in computing courses. If the first presentation is satisfactory, a second presentation will be waived.

Presentation assessment forms are available in the School office. Review the categories of evaluation prior to delivering your first presentation.

- \* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.
- \* The BS degree in Computer and Information Sciences requires 120 total hours.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* Proficiency in at least one high-level programming language is required for graduation.
- \* Once enrolled at UNF, any remaining prerequisites for the degree program must be completed at UNF.
- \* 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.
- \* \*\* Satisfactory Progress Policy - "one repeat" rule \*\*\* 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 CIS courses.
- \* \*\* Directed Independent Study courses may not be used to satisfy major or minor electives without prior permission from the School Director.

**Information Technology Program** In an effort to meet the demands of an ever-changing technology market, the School is proud to offer a new 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 and Information Sciences**  
**Track: Information Technology**  
**Degree: Bachelor of Science**

All course work must be completed with grade of C or better

**Prerequisites (12 SEMESTER HOURS)**

Applications: Select One

CGS 1570 3.0 Microcmpr App Softw  
 CGS 1100 3.0 Cmptr App For Bus

Programming Languages:

COP 2551 3.0 Intro OO Programming  
 COP 2120 3.0 Intro COBOL Prgrmmng

-- COP 2551 or an equivalent Java course is required for the Information Technology track. A second programming language is recommended. If COP 2120 is taken, it will be used as a free elective in the IT track.

Calculus: Select One

MAC 2233 3.0 G(M) Calc For Bus  
 MAC 2311 4.0 G(M) Calculus I

Statistics:

STA 2023 3.0 G(M) Elem Stats-Bus

(note: )

(other prerequisites may be required if minor is chosen.)

**Core Requirements (26 SEMESTER HOURS)**

Foundation Courses

CIS 4253 3.0 Legal Eth Iss Comp

Public Speaking 3.0 (SPC)

Core Courses

COT 3100 3.0 Comp Structures  
 COP 3540 4.0 Data Struc Using OOP  
 CDA 3101 4.0 Intro Comp Hardware  
 CGS 4307 3.0 Info Proc: Org Pers  
 CGS 4308 3.0 Info Proc: Req Spec  
 CDA 4503 3.0 Comp Netwks/Dist Prc

**Major requirements (12-14 semester hours)**

Select one concentration:

\*Concentration in Computer Networking

COP 4813 3.0 Internet Programming  
 CDA 4527 3.0 Netwk Design/Plan  
 CIS 4363 3.0 Netwk Security/Mgmt  
 CIS 4103 3.0 Web Performance

\*Concentration in Mobile Computing

CEN 4533 C 4.0 Wireless/Mobile Cmpt  
 CEN 4535 C 4.0 Mobile Sftw Apps Dev  
 CIS 4593 3.0 Mbl-comp Capstone I  
 CIS 459 3.0 Mbl-comp Capstone II

\*Concentration in Computer Security Administration

CIS 4360 3.0 Gen Cmp Security Adm  
 CIS 4365 3.0 Security/Disastr Prep  
 CIS 4615 3.0 Secure Softw Devel

Select one of the following:

CIS 4362 3.0 Computr Cryptography  
 CIS 4364 3.0 IS Intrusion Detect  
 CIS 4366 3.0 Computer Forensics

### Technical electives

(3000-4000 level)

(10 semester hours)

Select 3 upper level technology courses

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.

minor: (optional)

### Electives

(13-15 semester hours)

Select additional courses as necessary to attain 120 total hours and 56 upper (3000/4000) level hours. Required major courses provide at least 47 upper level hours. The free electives\* chosen by the student will provide additional upper level hours.

9 Cr. hours At 3000/4000 Level. (3000 - 4000 LEVEL)

Select courses at 3000/4000 level in complementary areas of study.

4-6 Cr. hours At Any Level. (1000 - 4000 LEVEL)

\*credit hours will vary based on concentration selection.

### Exit Requirements:

Spoken Presentation: to apply oral communications skills in the program, you must deliver up to 2 presentations in computing courses. If the first presentation is satisfactory, a second presentation will be waived.

Presentation assessment forms are available in the School office. Review the categories of evaluation prior to delivering your first presentation.

\* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester hours.

\* The BS degree in computer and information sciences requires 120 total hours.

\* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.

\* Proficiency in at least one high-level programming language is required for graduation.

\* Once enrolled at UNF, any remaining prerequisites for the degree program must be completed at UNF.

\* 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.

\* \*\* Satisfactory Progress Policy - "one repeat" rule \*\*\* 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 CIS courses.

\* \*\* Directed Independent Study courses may not be used to satisfy major or minor electives without prior permission from the School Director.

### 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 Minor

All course work in the student's minor must be completed with a grade of "C" or better.

### Minor Prerequisites

(07 SEMESTER HOURS)

#### Required Courses

MAC 2311	4.0	G(M) Calculus I
COP 2220	3.0	Computer Science I

### Minor Requirements

(22 SEMESTER HOURS)

#### Required Course

COT 3100	3.0	Comp Structures
COP 3503	3.0	Computer Science II
COP 3530	4.0	Data Structures

Select 4 courses for a minimum of 12 hours from:

CAP 4630	3.0	Intro Artfcl Intlgn
CAP 4660 C	4.0	AI Robotics
CAP 4710	3.0	Computer Graphics
CAP 4770	3.0	Data Mining
CDA 3101	4.0	Intro Comp Hardware
CDA 4503	3.0	Comp Netwks/Dist Prc
CIS 4251	3.0	Software Development
COP 3601	4.0	Intro Sys Software
COP 4300	3.0	Discrete Sys Mod/Sim
COP 4610	3.0	Operating Systems
COP 4620	4.0	Const Lang Transltr
COP 4710	3.0	Data Modeling
COP 4813	3.0	Internet Programming
COT 3210	3.0	Computabty/Automata
COT 4400	3.0	Analysis Algorithms
COT 4560	3.0	Apld Grph Thry
CDA 4102	3.0	Intro Cmptr Archtctr
CDA 4102 L	1.0	Intro Cmptr Arch Lab

- CDA 4102 must be taken with the corresponding lab.  
- Other qualifying elective courses may be offered as special topics.  
See School of Computing for list of approved courses.

### Conditions for the minor:

1. At least 14 hours of upper-level course work in the minor must be taken at UNF.
2. \*\*Satisfactory Progress Policy -- a "one repeat" rule \*\* Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have only one chance to repeat the course.

### Minor: Computer Science Minor for Information Science Majors

All course work in the student's minor must be completed with a grade of "C" or better.

### Minor Prerequisites

(11 SEMESTER HOURS)

#### Required Courses

MAC 2311	4.0	G(M) Calculus I
COP 2220	3.0	Computer Science I
COP 3540	4.0	Data Struc Using OOP

### Minor Requirements

(16 SEMESTER HOURS)

#### Required Course

COP 3601	4.0	Intro Sys Software
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Select 4 courses for a minimum of 12 hours from:

CAP 4630	3.0	Intro Artfcl Intlgn
CAP 4770	3.0	Data Mining
CDA 3101	4.0	Intro Comp Hardware
CDA 4102	3.0	Intro Cmptr Archtctr
CDA 4102 L	1.0	Intro Cmptr Arch Lab
CDA 4503	3.0	Comp Netwks/Dist Prc
COP 4610	3.0	Operating Systems
COP 4620	4.0	Const Lang Transltr
COP 4813	3.0	Internet Programming
COT 3210	3.0	Computablty/Automata
COT 4400	3.0	Analysis Algorithms
COT 4560	3.0	Apld Grph Thry

- CDA 4102 must be taken with the corresponding lab.

- Other qualifying elective courses may be offered as special topics.

See School of Computing for list of approved courses.

**Conditions for the minor:**

1. \*\* Students must be pursuing a BS in CIS in the Information Science program to qualify for this minor.
2. At least 14 hours of upper-level course work in the minor must be taken at UNF.
3. \*\* Satisfactory Progress Policy - a “one repeat” rule \*\* Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have only one chance to repeat the course.

**Minor: Information Science Minor**

All course work in the student’s minor must be completed with a grade of “C” or better.

**Minor Prerequisites (09 SEMESTER HOURS)**

Required Courses

CGS 1570	3.0	Microcmpr App Softw
COT 3100	3.0	Comp Structures
COP 2551	3.0	Intro OO Programming

(note: COT 3100 has a pre-req of MAC 2311 or MAC 2233)

**Minor Requirements (17 SEMESTER HOURS)**

Required Courses

COP 2120	3.0	Intro COBOL Prgrmmng
COP 3531	4.0	File Structures
COP 3540	4.0	Data Struc Using OOP
COP 4720	3.0	Database Systems

Select one course from the following list:

CDA 3100	4.0	Arch Cmptr Orgnztn
CDA 4503	3.0	Comp Netwks/Dist Prc
COP 4813	3.0	Internet Programming

**Conditions for the minor:**

1. At least 14 hours of upper-level course work in the minor must be taken at UNF.
2. \*\* Satisfactory Progress Policy - a “one repeat” rule \*\* Students who do not successfully complete a CIS prerequisite or core requirement on the first attempt, including W, WP, or WF, will have only one chance to repeat the course.

**School of Engineering**

**620-1390**

**Stephan J. Nix**, Professor and Director of Engineering  
**Richard V. Conte**, Academic Advisor/Instructor

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 Division 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 the Founders Hall, Building 2. Application should be made at least 2 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 1002 Introduction of Engineering. 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)

**Civil Engineering Program**

**Stephan J. Nix**, Professor

**John Woolschlager**, Associate Professor

**Adel El-Safty, PE**, Assistant Professor

**Nick W. Hudyma, PE**, 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 Division 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** Maintain a civil engineering program that produces alumni who:

- have a strong understanding of the fundamentals,
- are able to analyze and synthesize engineering problems,
- possess excellent communications skills,
- know and uphold ethical standards of the field,
- have developed and practiced interpersonal (team) skills,
- know how to resolve open-ended design problems,
- are computer literate and Internet capable,
- have developed and practiced interdisciplinary skills,
- have taken and recorded results from the Fundamentals of Engineering and Graduate Record Examinations,
- are capable of functioning in a rapidly changing and expanding technical and social environment,
- are cognizant of current engineering problems, and
- are prepared for a life of continual learning.

**Program Outcomes** Our Civil Engineering program will demonstrate that its graduates 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;
- 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 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 (4) 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 3 credits of the English General Education requirements, COP 2220 Computer Science I, EGN 3311 Statics, and 1 credit of free elective.)

**Major: Civil Engineering**  
**Track: Civil Engineering**  
**Degree: Bachelor Of Science**

\* All courses must be completed with a "C" or higher.

**Prerequisites (50 SEMESTER HOURS)**

All engineering programs have identical prerequisites.

**Mathematics**

- MAC 2311 4.0 G(M) Calculus I
- MAC 2312 4.0 G(M) Calculus II
- MAC 2313 4.0 G(M) Calculus III
- MAC 2281, MAC 2282, and MAC 2283 may be substituted for MAC 2311, MAC 2312, and MAC 2313.
- MAP 2302 3.0 G(M) Ord Diff Equatns

**Sciences**

- CHM 2045 C 4.0 Gen Chemistry I
- CHS 1440 may be substituted for CHM 2045c
- PHY 2048 4.0 Calculus Physics I
- PHY 2048 L 1.0 Calc Physics I Lab
- PHY 2049 4.0 Calculus Physics II
- PHY 2049 L 1.0 Calc Physics II Lab

**Communications**

- ENC 1101 3.0 G(W) College Writing
- ENC 1102 3.0 G(W) Informed Writer

**Humanities**

Select 6 hrs of humanities

ARH MUH HUM AMH EUH HIS LIT PHI REL THE

**Social Sciences**

Select 6 hrs of social sciences

ANT ECO POS PSY SYG

Select an additional 3 hrs of social science or humanities

**Humanities Or Social Sciences**

ARH MUH HUM AMH EUH HIS LIT PHI REL THE ANT  
 ECO POS PSY SYG

**Foundation (20 SEMESTER HOURS)**

- STA 3032 3.0 Prob/Stat-engineer
- EML 3100 3.0 Thermodynamics I
- ECP 3007 2.0 Econ For Engineers
- EEL 3111 3.0 Basic Circuit Theory
- EGN 3202 3.0 Computer Aided Engrg

- COP 2220 3.0 Computer Science I
- EGN 3311 3.0 Statics

**Core Requirements (16 SEMESTER HOURS)**

- EGN 3321 3.0 Dynamics
- CES 3104 C 3.0 Mechanics Of Matrls
- CES 3100 4.0 Analys Of Structure
- CWR 3201 3.0 Fluid Mechanics
- CGN 3322 C 3.0 Civil Engr Surveying

**Major Requirements (32 SEMESTER HOURS)**

- CEG 3111 3.0 Foundation Engrg
- ENV 3001 C 4.0 Environ Engrg
- TTE 4004 3.0 Transportation Engrg
- CES 3605 C 3.0 Design Steel Structs
- CEG 3011 C 4.0 Geotech Engrg
- CWR 4202 C 4.0 Hydraulics Engrg
- CGN 3501 C 4.0 Ce Materials
- CES 4702 C 3.0 Desn Reinf Concrete
- CGN 4803 1.0 Sr Capstone Design I
- CGN 4804 3.0 Sr Capstone Desgn II

**Technical Electives**

**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Select 6 hours from the courses listed below

- ENV 4012 3.0 Adv Environ Engrg
- CES 4101 3.0 Adv Structure Syst
- TTE 4201 3.0 Adv Transport Engrg
- CGN 4905 1-3 Directed Indiv Study
- CGN 4931 1-3 St Civil Engrg
- CGN 3930 1-3 St Civil Engrg
- CGN 4949 1.0 Co-op Work Exp/Ce

- \* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester 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, 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** Maintain an electrical engineering program that produces students who:

- have a strong grounding in the fundamentals,
- are able to analyze and synthesize engineering problems,
- possess excellent communications skills,
- know and uphold ethical standards of the field,
- have developed and practiced interpersonal (team) skills,
- know how to resolve open-ended design problems,
- are computer literate and Internet capable,
- have developed and practiced interdisciplinary skills,
- have taken and recorded results from the Fundamentals of Engineering and Graduate Record Examinations,
- are capable of functioning in a rapidly changing and expanding technical and social environment,
- are cognizant of current engineering problems, and
- are prepared for a life of continual learning.

**Outcomes** Engineering programs must demonstrate that their graduates 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;
- 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 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 EEL course without having earned a 2.5 GPA in the physics and calculus sequences and at least a C in all of its other 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 3 credits of the English General Education requirements, COP 2220 Computer Science I, EGN 3311 Statics, and 1 credit of free elective.)

**Major: Electrical Engineering**  
**Track: Engineering (Computer Design)**  
**Degree: BS In Electrical Engineering**

\* All courses must be completed with a "C" or higher.

**Prerequisites (50 SEMESTER HOURS)**

All engineering courses have identical prerequisites.

**Mathematics**

- MAC 2311 4.0 G(M) Calculus I
- MAC 2312 4.0 G(M) Calculus II
- MAC 2313 4.0 G(M) Calculus III
- MAC 2281, MAC 2282, and MAC 2283 may be substituted for MAC 2311, MAC 2312, and MAC 2313.
- MAP 2302 3.0 G(M) Ord Diff Equatns

**Sciences**

- CHM 2045 C 4.0 Gen Chemistry I
- CHS 1440 may be substituted for CHM 2045c
- PHY 2048 4.0 Calculus Physics I
- PHY 2048 L 1.0 Calc Physics I Lab
- PHY 2049 4.0 Calculus Physics II
- PHY 2049 L 1.0 Calc Physics II Lab

**Communications**

- ENC 1101 3.0 G(W) College Writing
- ENC 1102 3.0 G(W) Informed Writer

**Humanities**

Select 6 hrs of humanities

- ARH MUH HUM AMH EUH HIS LIT PHI REL THE

**Social Sciences**

Select 6 hrs of social sciences

- ANT ECO POS PSY SYG

Select an additional 3 hrs of social science or humanities

**Humanities Or Social Sciences**

- ARH MUH HUM AMH EUH HIS LIT PHI REL THE ANT
- ECO POS PSY SYG

**Foundation (15 SEMESTER HOURS)**

- STA 3032 3.0 Prob/Stat-engineer
- EGN 3321 3.0 Dynamics
- EGN 3358 3.0 Appl Thermal Science
- COP 2220 3.0 Computer Science I
- EGN 3311 3.0 Statics

**Core Requirements (36 SEMESTER HOURS)**

- EEL 3889 C 3.0 Intro Embed Sys Des
- EEL 3111 3.0 Basic Circuit Theory
- EEL 3112 3.0 Elec Network Theory
- EEL 3135 3.0 Signals And Systems
- EEL 3303 L 1.0 Elec Circuits Lab
- EEL 3304 3.0 Elec Circuits I
- EEL 3701 C 4.0 Intr Digital Systems
- EEL 4309 C 4.0 Electronic Circuit 2
- EEL 4657 3.0 Linear Control Syste
- EEL 4657 L 1.0 Linear Controls Lab
- EEL 4744 C 4.0 Microprocessor Appli
- EEL 4914 1.0 Senior Design I
- EEL 4915 3.0 Elec Engr Design 2

**Major Requirements (15 SEMESTER HOURS)**

**Computer Design Speciality**

- EEL 4712 C 4.0 Digital Design
- EEL 4713 3.0 Digital Comptr Archi
- EEL 4713 L 1.0 Digit Comp Arch Lab
- COP 3503 3.0 Computer Science II
- COP 3530 4.0 Data Structures

**Technical Electives**

**(3000 - 4000 LEVEL) (08 SEMESTER HOURS)**

Select 8 Hrs Of Electives

See courses listed by the department

- \* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester 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**  
**Track: Engineering (System Design)**  
**Degree: BS In Electrical Engineering**

\* All courses must be completed with a "C" or higher.

**Prerequisites (50 SEMESTER HOURS)**

All engineering courses have identical prerequisites.

**Mathematics**

- MAC 2311 4.0 G(M) Calculus I
- MAC 2312 4.0 G(M) Calculus II
- MAC 2313 4.0 G(M) Calculus III
- MAC 2281, MAC 2282, and MAC 2283 may be substituted for MAC 2311, MAC 2312, and MAC 2313.
- MAP 2302 3.0 G(M) Ord Diff Equatns

**Sciences**

- CHM 2045 C 4.0 Gen Chemistry I
- CHS 1440 may be substituted for CHM 2045c
- PHY 2048 4.0 Calculus Physics I
- PHY 2048 L 1.0 Calc Physics I Lab

PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab

Communications

ENC 1101	3.0	G(W) College Writing
ENC 1102	3.0	G(W) Informed Writer

#### Humanities

Select 6 hrs of humanities

ARH MUH HUM AMH EUH HIS LIT PHI REL THE

#### Social Sciences

Select 6 hrs of social sciences.

ANT ECO GEO POS PSY SYG

#### Humanities Or Social Sciences

Select another 3 hrs of humanities or social sciences

ARH MUH HUM AMH EUH HIS LIT PHI REL THE ANT  
ECO POS PSY SYG

#### Foundation (15 SEMESTER HOURS)

STA 3032	3.0	Prob/Stat-enginee
EGN 3321	3.0	Dynamics
EGN 3358	3.0	Appl Thermal Science
COP 2220	3.0	Computer Science I
EGN 3311	3.0	Statics

#### Core Requirements (39 SEMESTER HOURS)

EEL 3889 C	3.0	Intro Embed Sys Des
EEL 3111	3.0	Circuit Analysis I
EEL 3112	3.0	Circuit Analysis II
EEL 3135	3.0	Signals And Systems
EEL 3303 L	1.0	Elec Circuits Lab
EEL 3304	3.0	Elec Circuits I
EEL 3472	3.0	Electromag Flds Appl
EEL 3701 C	4.0	Intr Digital Systems
EEL 4309 C	4.0	Electronic Circuit 2
EEL 4657 C	4.0	Linear Control System
EEL 4744 C	4.0	Microcontroller Appl
EEL 4914	1.0	Senior Design I
EEL 4915	3.0	Elec Engr Design 2

#### Major requirements (8-11 SEMESTER HOURS)

Select 3 courses for 8-11 hrs

#### System Design Speciality

EEL 3211	3.0	Intro To Elec Mach
EEL 4314 L	2.0	Advanced Electronics
EEL 4514	3.0	Communication System
EEL 4610	3.0	State-space Ctrl Sys
EEL 4712 C	4.0	Digital Design
EEL 4750	3.0	Intro Dig Sig Procc
EEL 4750 L	1.0	Dsp Lab

#### Technical electives

#### (3000-4000 level) (9-12 SEMESTER HOURS)

Select 9-12 Hrs Of Electives

See courses listed by the department

\* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester 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

The courses listed below are required for the minor in electrical engineering. Potential students should note that prerequisites to all listed courses must be met, as well.

#### Minor: Electrical Engineering Minor

All course work must be completed with a grade of "C" or better.

#### Minor Prerequisites (32 SEMESTER HOURS)

MAC 2311	4.0	G(M) Calculus I
MAC 2312	4.0	G(M) Calculus II
MAC 2313	4.0	G(M) Calculus III
MAP 2302	3.0	G(M) Ord Diff Equatns
PHY 2048	4.0	Calculus Physics I
PHY 2048 L	1.0	Calc Physics I Lab
PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab

#### Select One

COP 2200	3.0	Intro Fortran Prgmng
COP 2220	3.0	Computer Science I

#### Select One

CDA 3101	4.0	Intro Comp Hardware
EEL 3701 C	4.0	Intr Digital Systems

#### Minor Requirements (17 SEMESTER HOURS)

#### Required Courses

EEL 3111	3.0	Basic Circuit Theory
EEL 3112	3.0	Elec Network Theory
EEL 3303 L	1.0	Elec Circuits Lab
EEL 3304	3.0	Elec Circuits I
EEL 4744 C	4.0	Microprocessor Appli

#### Select One

EEL 3135	3.0	Signals And Systems
EEL 4309 C	4.0	Electronic Circuit 2

#### Mechanical Engineering Program

**Joseph L. Campbell, PE**, Professor

**Ajayi O. Adewale, PE**, Associate Professor

**Daniel Cox**, Associate Professor

**James Fletcher**, Assistant Professor

**Alexandra Schönning**, Assistant 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** Maintain a mechanical engineering program that produces students who:

- have a strong understanding of the fundamentals,
- are able to analyze and synthesize engineering problems,
- possess excellent communications skills,
- know and uphold ethical standards of the field,
- have developed and practiced interpersonal and team skills,
- know how to resolve open-ended design problems,
- are computer literate and Internet capable,
- have developed and practiced interdisciplinary skills,
- have taken and recorded results from the Fundamentals of Engineering and Graduate Record Examinations,
- are capable of functioning in a rapidly changing and expanding technical and social environment,
- are cognizant of current engineering problems, and
- are prepared for a life of continual learning.

**Outcomes** Our Mechanical Engineering program will demonstrate that its graduates 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;
- 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 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;
- the ability to work professionally in both thermal and mechanical systems areas including the design and realization of such systems;
- been taught by faculty who are maintaining currency in their specialty area.

**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 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 3 credits of the English General Education requirements, COP 2220 Computer Science I, EGN 3311 Statics, and 1 credit of free elective.)

**Major: Mechanical Engineering**  
**Track: Mechanical Engineering**  
**Degree: Bachelor Of Science**

\* All courses must be completed with a "C" or higher.

**Prerequisites (50 SEMESTER HOURS)**

All engineering programs have identical prerequisites.

**Mathematics**

- MAC 2311 4.0 G(M) Calculus I
- MAC 2312 4.0 G(M) Calculus II
- MAC 2313 4.0 G(M) Calculus III
- MAC 2281, MAC 2282, and MAC 2283 may be substituted for MAC 2311, MAC 2312, and MAC 2313.
- MAP 2302 3.0 G(M) Ord Diff Equatns

**Sciences**

- CHM 2045 C 4.0 Gen Chemistry I
- CHS 1440 may be substituted for CHM 2045c
- PHY 2048 4.0 Calculus Physics I
- PHY 2048 L 1.0 Calc Physics I Lab
- PHY 2049 4.0 Calculus Physics II
- PHY 2049 L 1.0 Calc Physics II Lab

**Communications**

- ENC 1101 3.0 G(W) College Writing
- ENC 1102 3.0 G(W) Informed Writer

**Humanities**

Select 6 hrs of humanities

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**Social Sciences**

Select 6 hrs of social sciences

ANT ECO POS PSY SYG

Select an additional 3 hrs of social science or humanities

**Humanities Or Social Sciences**

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 ECO POS PSY SYG

**Foundation (14 SEMESTER HOURS)**

- STA 3032 3.0 Prob/Stat-engineer
- EEL 3111 3.0 Basic Circuit Theory
- ECP 3007 2.0 Econ For Engineers
- COP 2220 3.0 Computer Science I
- EGN 3311 3.0 Statics

**Core Requirements (16 SEMESTER HOURS)**

- EGN 3321 3.0 Dynamics
- EGN 3331 3.0 Strength Of Material
- EML 3100 3.0 Thermodynamics I
- EGN 3203 3.0 Mod Computal Methods
- EML 4551 1.0 Sr Capstone Design I
- EML 4552 3.0 Sr Capstone Desi II

**Major Requirements (35 SEMESTER HOURS)**

- EML 3015 3.0 Fluids I
- EML 3101 3.0 Thermodynamics II
- EML 4304 L 1.0 Fluid Mechanics Lab
- EML 3520 C 4.0 Material Science I
- EML 4501 3.0 Machine Design
- EML 4312 3.0 Modl & Anal Dyn Sys
- EML 4140 3.0 Heat Transfer
- EML 3535 C 3.0 Modern Engr Cad
- EML 4313 3.0 Contr Of Machinery
- EML 4004 L 1.0 Energy Systems Lab
  
- EML 4320 C 4.0 Int Desgn & Manfc
- EML 4301 L 1.0 Mech Systems Lab
- EML 4126 3.0 Transport Phenomena

**Technical Electives (3000 - 4000 LEVEL) (09 SEMESTER HOURS)**

Select nine hours from the list below

- EGN 4032 2.0 Engrg & Prof Issues
- EML 3553 3.0 Project Engineering I
- EML 4016 3.0 Fluids II
- EML 4024 3.0 Adv Solid Modeling
- EML 4048 3.0 Simul Production Sys
- EML 4414 3.0 Heat Power Egnring
- EML 4500 3.0 Finite Elem Mod Anal
- EML 4544 3.0 Materials Handling I
- EML 4554 3.0 Project Engineering II
- EML 4601 3.0 Hvac Systems
- EML 4622 3.0 Clean & Renew Energy
- EML 4804 3.0 Mechatronics
- EML 4806 3.0 Robotics Engineering
- EML 4905 1.0 3.0 Directed Indivi Stud
- EML 4930 1.0 3.0 Sp In Mechnl Eng
- EML 4949 1.0 Co-op Work Experience

- \* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning an AA and completing 60 semester 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.



## **Building Construction Management (904) 620-2683**

**John W. Martin**, Professor and Chair

**N. Mike Jackson, PE**, Associate Professor

**Mag K. Malek**, Associate Professor

**David M. Dubbelde**, Assistant Professor

**Beyong Lim, PE**, Assistant Professor

**Adam Darm**, Founding Chair, retired, and Professor

**James Sorce**, Academic Advisor/Instructor

**Tracie A. Fink**, Senior Secretary

The mission of the Department of Building 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 Building Construction Management, which enables graduates to achieve their maximum potential in the building construction management field.
- to provide and maintain a strong, active relationship with the building 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 Building Construction Management program is accredited by the American Council for Construction Education through July, 2011.

**Admission** Minimum requirements for admission into the Building 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 semester 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 Building Construction Management Department provides individualized academic advisement to all its students. Students interested in the Building 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 Building Construction Management students are required to take a one semester internship during one of their last two semesters at UNF.

**Construction Industry** The Building Construction Management (BCM) academic program is supported by various construction companies including:

### **Sponsored BCM Concentrations**

- Centex Homes
  - Housing and Development Track
- The Stellar Group
  - Commercial Construction Track
- Kiewit Companies
  - Heavy/Civil Construction Track
- Elkins Constructors, Inc.
  - Sustainability and Green Construction Track

### **Sponsored BCM Courses**

- Heavy Construction Systems Specialists
  - BCN 3782 Introduction to Construction Computing
- Sauer Incorporated
  - BCN 3611 Construction Estimating
- Haskell
  - BCN 4730 Construction Safety
- Skanaka
  - BCN 4720 Project Planning and Scheduling
- R.J. Griffin & Company
  - BCN 4612 Advanced Construction Estimating
- Superior Construction
  - BCN 4709 Construction Project Management Capstone

### **Service Learning Projects**

- Skanska USA Building, Inc.

### **Sponsored BCM 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 126 semester 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 semester hours in residence at UNF.

These changes will take affect 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 will reduce the required credit hours from 126 to 120 total credit hours. Students will also be introduced to the second phase of the elective track classes in Commercial Construction, Green Construction and Sustainability. Heavy Civil Construction and Residential Construction. There will be an addition of a new elective track offering in Industrial Construction. The concentration selection will now consist of ten different electives listed 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, Industrial Construction I & Industrial 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

**Track: Building Construction Management**

**Degree: Bachelor of Science**

All courses must be completed with a grade of “C” or better.

### Prerequisites (35 SEMESTER HOURS)

#### Required Courses

ACG 2021	3.0	Prin Financial Acc
STA 2023	3.0	G(M) Elem Stats-Bus
ECO 2013	3.0	Princ Macroeconomics
BUL 3130	3.0	Legal Environ Of Bus
MAC 2233	3.0	G(M) Calc For Bus
BCN 1210 C	3.0	Const Materials
BCN 1251	3.0	Constr Drawing I
BCN 2405	3.0	Intro To Structures

#### Two Physics Courses With Labs

PHY 2053	3.0	Algebra Physics I
PHY 2053 L	1.0	Algebr Physics I Lab
PHY 2054	3.0	Algebra Physics II
PHY 2054 L	1.0	Algeb Physics II Lab

Acceptable substitutes: PHY 2004 and 2004L and PHY 2005 and 2005L

### Computer Course

CGS

Dept recommends a computer application software course or CGS x531, 1100, or 1570

### Foundation

(6 semester hours)

ECO 2023	3.0	Princ Microeconomics
GEB 1011	3.0	Found Of Business

### Core Requirements

(64 SEMESTER HOURS)

BCN 3012	3.0	History/Intro Const
BCN 3223	3.0	Soils & Foundations
BCN 3224	3.0	Superstructures
BCN 3561	3.0	Mechanical Systems
BCN 3611	3.0	Constr Cost Est
BCN 3762	3.0	Bldg Const Desn/Code
BCN 3782	3.0	Constr Computing
BCN 4284	3.0	Survey: Const Layout
BCN 4431	3.0	Structural Systems
BCN 4562	3.0	Electrical Systems
BCN 4612	3.0	Adv Construction Est
BCN 4708	3.0	Const Docmnts/Cntrct
BCN 4709	3.0	Const Proj Mgt Cap
BCN 4720	3.0	Const Plan & Schedul
BCN 4730	3.0	Construction Safety
BCN 4753	3.0	Construct Admin/Eco
REE 4043	3.0	Real Estate Analysis
MAR 3023	3.0	Prin Of Marketing
BCN 4931	1-3	Seminar: Constr Mgt
BCN 4944	3-5	Constr Mgmt Intrn

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.

### Concentration selection

Select two of the following:

BCN 4587	3.0	Green Const/Sustain
BCN 4751	3.0	Housing And Land Dev
BCN 4870	3.0	Heavy/Civil Const
BCN 4871	3.0	Commercial Construct

- \* Students must pass or meet exemption criteria for all sections of the CLAST prior to earning AA and completing 60 semester hours.
- \* A student may receive credit for a course only once. However the GPA will reflect all repeated courses.
- \* This program includes a minimum of 64 upper division semester hours.
- \* No course may be taken without completing its prerequisites.
- \* Students are responsible for following the course rotation when offered in order to graduate in a timely manner.
- \* Students should make periodic appointments with their advisor to assess their academic progress.
- \* 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 completing the bcm academic program will have an educational background which provides the basis for a professional career in the construction industry. The BCM advising brochure ([www.unf.edu/cccec/bcm](http://www.unf.edu/cccec/bcm)) describes the expected educational outcomes of a graduating student from the bcm academic program.
- \* Minimum total for degree = 126 semester hours.



# College of Computing, Engineering and Construction

## Course Descriptions

### 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, 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, 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 - Graphics Systems and Applications** 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 Characterization 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.

#### **CDA 3100 - Architecture of Computer Organization** 4

Prerequisites: COP 3531 and COT 3100. Functional systems-level view of computing equipment including organization of components and devices into architectural configurations. Builds an understanding of systems software and combinations of hardware and software in architectural designs. Experience with assembler language and hardware configuration analysis.

#### **CDA 3101 - Introduction to Computer Hardware Organization** 4

Prerequisites: COP 2120 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 and Collaborative Computing** 3

Prerequisites: COP 3540 and CDA 3100. 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.

#### **CDA 4102L - Intro to Computer Architecture Laboratory** 1

Prerequisite: CDA 3101. Corequisite: CDA 4102. Laboratory exercises to accompany CDA 4102 emphasizing computer architecture, microprocessing, instruction sets, I/O techniques and memory using software interfaces. 3 hours of laboratory. (*A material fee of \$30 will be assessed.*)

#### **CDA 4503 - Computer Networks and 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.

#### **CDA 4527 - Network Design and Planning** 3

Prerequisite: CDA 4503. In this course, students will examine computer network goals, models, and designs for both local area and wide area networks, with specific emphasis on 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.

- CEN 4533C - Wireless Networks and 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.
- 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  
Prerequisites: 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 - Information Processing: An Organizational Perspective** 3  
Prerequisite: CGS 1100 or CGS 1570 or equivalent. Students in this course 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 and Specification** 3  
Prerequisite: CGS 4307. Students in this course examine fundamentals for the development of information processing systems. Topics include requirements gathering, feasibility studies, software life cycle overview, tools and equipments 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 and 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. This course can be repeated for credit a maximum of 4 times for a total of 12 credits.
- CIS 2935 - G(3) Honors Special Topics in Computer and 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 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 Science** v. 0 - 3  
Prerequisite: Acceptance in cooperative education program. Students will participate in supervised work experiences related to computer science. Students may receive repeat credit for this course.
- CIS 4100 - System Performance and Evaluation** 3  
Prerequisite: CDA 3100 and 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: CDA 4527 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 and 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 specific software development issue.

- CIS 4301 - Interactive Systems Development** 3  
Prerequisite: COP 3540. Methodologies for interactive computer systems design. Topics include interfaces from simple menu systems to complex, multitasking, window-driven systems. Laboratory exercises to develop software interfaces ranging from menu systems to window-based systems integrating the interface with data management systems.
- CIS 4327 - Information Systems Senior Project I** 3  
Prerequisites: COP 3540 and 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 institutional computing. Physical, software, and computing systems security will be discussed. Students will be required to perform introductory security analyses, 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 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 4363 - Network Security and Management** 3  
Prerequisite: CDA 4503. 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.
- 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 and 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 Systems and 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 CEN 4533C. 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 system evolution (before the customers) are required.
- CIS 4594 - M- Computing Capstone Project II** 3  
Prerequisite: CIS 4594. 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 the mobile software systems that captures the functional requirements and quality attributes associated with the proposed applications (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 demonstrations of the system evolution (before the customers) 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 on existing software products.
- CIS 4900 - Directed Individual 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(3) Honors Research in Computer and 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.
- CIS 4930 - Special Topics in Computer and 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. This course can be repeated for credit a maximum of 4 times for a total of 12 credits.

- 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 - Introduction 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 - Introduction to Object Oriented Programming** 3  
Prerequisite: 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 3503 - Computer Science II** 3  
Prerequisites: COP 2220, MAC 2311. Prerequisite or corequisite: COT 3100. 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 3531 - File Structures** 4  
Prerequisites: COP 2120 and MAC 2233. Prerequisite or corequisite: COT 3100. This course focuses on business-oriented file processing and storage techniques, including tables, searches, sorts, sequential files, indexed sequential files, and relative files. Assignments include programming projects to utilize concepts and develop programming skills.
- COP 3540 - Data Structures Using OOP** 4  
Prerequisite: COP 2551. Prerequisite or corequisite: COT 3100. As a continuation of OOP programming, this course addresses linear and non-linear data structures and techniques. Topics include stacks, queues, trees, indexing techniques, multikey structures, recursion, sorting and searching, hashing, and hash overflow techniques.
- 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 macroprocessors.
- COP 4300 - Discrete Systems Modeling and Simulation** 3  
Prerequisites: (COP 3530 or COP 3540) and (STA 4321 or STA 2023). 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 3530 and COP 3601. 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** 3  
Prerequisites: CDA 3100 and 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  
Prerequisite: COP 3531 and COP 3540. This course includes a review of database history, access methods, and data structures. Traditional databases are studied with an emphasis on relational database management system, architecture, operations, SQL, optimization, concurrency and conceptual entity-relationship model. Implementation involves using a commercial relational database management system.
- 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 4813 - Internet Programming** 3  
Prerequisite: (COP 4720 or COP 4710) or (CGS 4307 and COP 3540). Pre or Corequisite: COP 4720 or COP 4710 (i.e. may be taken concurrently) Students will use current technologies to develop Internet and web-based applications. The topics to be covered include clients 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**

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 and Automata**

Prerequisite: 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 4400 - Analysis of Algorithms**

Prerequisites: 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 4560 - Applied Graph Theory**

Prerequisites: COT 3100 and (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**

Prerequisites: CES 3104C and CWR 3201. This course is an introduction to the use of soil as a construction material and analysis techniques for geotechnical applications. Topics include soil formation, 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**

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**

Prerequisite: CES 3104C. This course will investigate types of loads on structures, truss analysis, shear and bending moment diagrams, influence lines and design envelope. 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**

Prerequisite: EGN 3311 (with a grade of C or higher) or equivalent. 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 using 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 connections, 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, and 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

Prerequisites: 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, 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 asphaltic 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

Prerequisite: Senior standing and consent of the instructor. Pre or Corequisites: CES 3605C, TTE 4004, CWR 4202C, CEG 3011C. This course is the first part of a two-semester design experience. 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 in 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 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 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 and 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 and 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, 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 ECP 3007. This course offers an introduction to transportation engineering, including the characteristics of transportation modes, interaction between modes, facility design considerations, planning of transportation systems, economics, public policy, implementation and management.

**TTE 4201 - Advanced Transportation 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, 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** 2

Prerequisite: EEE 4309C. This is the 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.

**EEE 4396 - Solid-State Electronic Devices** 3  
Prerequisite: EEL 3304. Introduction to the principles of semiconductor electron device operation.

**EEL 3003 - Introduction to Electrical Engineering** 3  
Prerequisites: PHY 2049, PHY 2049L, 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.

**EEL 3111 - Circuit Analysis I** 3  
Prerequisites: PHY 2049, 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 and theorems, transient analysis, and steady-state analysis using phasors. The use of simulation techniques to analyze electrical circuits is introduced.

**EEL 3112 - Circuit Analysis II** 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.

**EEL 3135 - Signals and Systems** 3  
Prerequisite: EEL 3112. This course covers concepts and properties of continuous-time and discrete-time linear time-invariant systems, frequency domain analysis of signals and systems, discrete Fourier transform, fast Fourier transform (FFT), and their applications. Computer-aided tool is used.

**EEL 3211 - Introduction to Electric Machines** 3  
Prerequisite: EEL 3111. This course reviews AC power and introduces the analysis of three-phase systems and the use of phasor analysis and per-unit analysis as it applies to the study of transformers and AC machines. The analysis, design, and construction of static devices such as simple magnetic circuits and power transformers are covered. The concepts governing rotating machines such as DC brushless machines, AC induction machines, synchronous machines, and other specialized electric machines will also be covered.

**EEL 3216 - Introduction to Power Systems** 3  
Prerequisites: EEL 3211; 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.

**EEL 3303L - Electrical Circuits Laboratory** 1  
Corequisites: EEL 3112, 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; analysis and design of amplifiers. Computer-aided tools in the design and analysis of electronic circuits are used.

**EEL 3472 - Electromagnetic Fields and Applications** 3  
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.

**EEL 3701C - Introduction to Digital Systems** 4  
Prerequisite or corequisite: 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 3889C - Introduction to Embedded Systems Design** 3  
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 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 4201L - Electric Energy Conversion Lab** 1  
Prerequisite: 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 4230 - Electronic Drives and Motor Control** 3  
Prerequisite: EEL 3211. Corequisite: EEL 4657 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 4242C - Power Electronic Circuits** 4  
Prerequisites: EEL 3211, 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 4440 - Optical Fiber Communications** 3  
Prerequisites: EEL 3472 (Electromagnetic Fields and Application) 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 4514 - Communication Systems** 3  
Prerequisite: EEL 3135. This course introduces the theories of analog and digital communication systems. Topics include modulation and demodulation, multiplexing, spread spectrum, CDMA, communication link and wireless channels analysis.

**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. Corequisite: EEL 4515L. This course covers common digital modulation and demodulation methods,

synchronization and diversity reception. Applications of communication theories to radio and cellular phone are also covered.

**EEL 4515L - Advanced Digital Communications Lab**

Prerequisite: EEL 4514. Corequisite: EEL 4515. This course is the laboratory component for EEL 4515 and consists of the laboratory investigation of communication systems. (*A material fee of \$30 will be assessed.*)

**EEL 4610 - State-Space Control Systems**

Prerequisite: EEL 4657C. This course covers the design and analysis of control systems using state-space methods. Topics include linear algebra, modeling of physical systems as state-space equations, transformations, stability, controllability and observability, state feedback, observer design, introduction to optimal control, and Riccati equations.

**EEL 4657C - Linear Control Systems**

Prerequisites: EEL 3135; EEL 4744C. This course covers the design and analysis of control systems using transfer function-based methods. Topics include modeling of physical systems as transfer functions, stability analysis, design specifications, design of controllers by root locus method, frequency response techniques, computer-aided analysis and design. Laboratory experiments include position and speed controls using proportional, PI, PD, and PID controllers.

**EEL 4712C - Digital Design**

Prerequisite: 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**

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**

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 material fee of \$30 will be assessed.*)

**EEL 4744C - Microcontroller Applications**

Prerequisite: EEL 3701C. This course covers the elements of microcontroller-based systems, hardware interfacing, software design, and applications. Topics include microcontroller software architecture, instruction set, addressing modes, memory map, GPIOs, analog-to-digital converters, timers, input capture, output compare,

PWM, communication interfaces, and interrupts. Code development using assembly language and C. Weekly laboratory experiments.

**EEL 4750 - Introduction to Digital Signal Processing**

Prerequisite: EEL 3135. This course is an introduction to the high tech world of digital signal processing. The topics include discrete time signal and systems, z-transforms, DFT, introduction to digital filter design. The class offers theoretical and hands on applied signal processing.

**EEL 4750L - Digital Signal Processing Lab**

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 and systems, z-transforms, DFT, introduction to digital filter design. (*A material fee of \$30 will be assessed.*)

**EEL 4829 - Digital Electronic Imaging**

Prerequisite: EEL 3135 (Signals and Systems). 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**

Prerequisite: Approval of supervising professor and chair. May be repeated up to 12 credits.

**EEL 4914 - Senior Design I**

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 2**

Prerequisite: EEL 4914. Students are responsible for completion of their engineering project that was initiated in the Design I 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 - Special Topics in Electrical Engineering**

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 - Special Topics in Electrical Engineering**

Prerequisite: Permission from instructor or department. Special courses covering selected topics in electrical engineering.

**EEL 4949 - Co-op Work Experience**

Prerequisite: Six hours of EEL 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 semester hours.

**EGN 3358 - Applied Thermal Sciences**

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

Civil Engineering and Mechanical Engineering share several courses. See Civil Engineering for course descriptions.

### 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. 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.

### 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. Course intended for engineering majors only. Offered fall and summer terms.

### 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 consider concepts associated with power and refrigeration systems, gas mixtures, chemical reactions and equilibrium, irreversibility and availability, and an introduction to compressibility.

### EML 3520C - Materials 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 of materials and phase transformation in metals.

### EML 3535C - Modern Engineering CAD 3

Prerequisite: Acceptance into an engineering program or permission of instructor. This course covers foundation features of AutoCAD 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: Admission to the 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 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 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 4304 - 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 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 - Modeling and Analysis of 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-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, designs 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 3321. This course covers fundamentals of machine design, stress, strain, and failure analysis including static and fatigue failure 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, EEL 3003. Computer integration of electromechanical 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 mechatronic systems are implemented.
- EML 4806 - Robotics Engineering I** 3  
Prerequisite: EGN 3321. Students will study robot manipulator kinematics, dynamic, 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 Mechanical Engineering** v. 1 - 3  
Prerequisite: 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.

<b>EML 4949 - Co-op Work Experience</b>	<b>v. 0 - 1</b>	<b>BCN 3223 - Soils and Foundations</b>	<b>3</b>
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 semester hours.		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 to soil and concrete laboratories.	
<b>Engineering Science</b>			
<b>EGM 3420 - Engineering Mechanics</b>	<b>4</b>	<b>BCN 3224 - Superstructures</b>	<b>3</b>
Prerequisites: PHY 2048, MAC 2313. Reduction of force systems. Equilibrium of particles and rigid bodies. Principles of work, energy, impulse and momentum. Application to structures and mechanisms.		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.	
<b>EGN 1001 - Introduction to Engineering I</b>	<b>2</b>	<b>BCN 3611C - Construction Cost Estimating</b>	<b>3</b>
Prerequisites: 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.		Prerequisites: BCN 1251. Principles and practices in making quantity surveys and labor estimates for construction projects. (Basic Estimating and Residential)	
<b>EGN 2009 - Introduction to Engineering II</b>	<b>2</b>	<b>BCN 3762 - Building Construction Design and Codes</b>	<b>3</b>
Prerequisites: 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.		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.	
<b>Building Construction Management</b>			
<b>BCN 1013 - Construction &amp; Culture: A Built Environment</b>	<b>3</b>	<b>BCN 3782 - Introduction to Construction Computing</b>	<b>3</b>
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.		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.	
<b>BCN 1210C - Construction Materials</b>	<b>3</b>	<b>BCN 4284 - Surveying: Construction Layout</b>	<b>3</b>
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) Masterformat. Students interact with local designers and builders to examine and document the consequences of material specification and selection.		Prerequisite: PHY 2054. Advanced construction surveying on construction layout, with field and classroom exercises.	
<b>BCN 1251 - Construction Drawing</b>	<b>3</b>	<b>BCN 4431 - Structural Systems</b>	<b>3</b>
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 drawing.		Prerequisites: 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.	
<b>BCN 2405 - Introduction to Structures</b>	<b>3</b>	<b>BCN 4587C - Green Construction and Sustainability I</b>	<b>3</b>
Prerequisites: PHY 2053 and 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.		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.	
<b>BCN 3012 - History and Introduction to Construction</b>	<b>3</b>	<b>BCN 4591C - Mechanical and Electrical Systems</b>	<b>3</b>
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.		Prerequisites: PHY 2054. This course introduces students to the principles and current practices in the application of Mechanical and Electrical systems as described in divisions 14 (Conveying Equipment), 15 (Mechanical Systems), and 16 (Electrical Systems) in the Construction Specifications Institute (CSI).	
		<b>BCN 4564C - Green Construction and Sustainability II</b>	<b>3</b>
		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 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 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 and Contracts** 3  
Prerequisites: BUL 3130. 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, customer relations and communications.
- BCN 4720 - Construction Project Planning and Scheduling** 3  
Prerequisites: BCN 3611 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 and 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 and 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 and 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 process regarding the built 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 communications.
- 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 skills or methods related to heavy civil construction projects, including bridges, highways, tunnels, pump stations, dams and underground utilities. This course prepares student 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 skills or methods related to commercial construction projects including: project management, strategic bidding and estimating, ethical conduct, project delivery 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 delivery 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 interest in the construction industry. Topics or focus may vary from semester to semester. This course may be repeated up to 12 credit hours with a change in course content.
- BCN 4931 - Seminars: Construction Management** v. 1 - 3  
Corequisite: BCN 4709. This course offers advanced study within an area of specialization designed for the individual who desires a field of concentration. This 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** v. 3 - 5  
Prerequisite: BCN 3611C or permission of instructor. 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.



# College of Education and Human Services

**Larry G. Daniel**, Dean and Professor  
**Marsha H. Lupi**, Associate Dean and Associate Professor  
620-2520

The College of Education and Human Services has long valued its role in the preparation of teaching professionals. The ever-broadening, increasingly diverse needs of society, however, have created a continuing demand not only for qualified teachers, but for other professionals as well. To help meet this demand, the college has expanded its programs. Students may now choose from career paths in general or special education with teaching options in school settings from Pre-Kindergarten through Secondary.

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 which focus on continued improvement of the teaching and learning process. Emphasis is placed on application of theory to practice with nearby schools and agencies serving as laboratories for learning.

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% of UNF's teacher education program completers 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% and 100%, 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, 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**

Most programs in the College of Education involve a field experience and clinical component. The Office of Educational Field Experiences coordinates and administers the continuum of clinical experiences for undergraduate students in the College of Education and Human Services. The Office of Educational Field Experiences is housed in Frederick H. Schultz Hall, Room 2401, (904) 620-3934.

**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.**

**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 semester of 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 hours 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 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 2.5 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 is located in Frederick H. Schultz Hall, 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 hours
EDG 3323	The Learning Process	3 hours
EDF 4327	Assessment of Learning and Behavior	3 hours
EDG 4410	Classroom Management and Communication	3 hours
EDF 3945	Field Laboratory Experience I**	2 hours
EDF 3946	Field Laboratory Experience II**	2 hours
EEX 3202	The Psychology and Sociology of the Exceptional Learner	3 hours

\*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 leadership; 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.

**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 semester hours or who earned an A.A. 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 I. 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 semester 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 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 semester hours 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 semester hours required by the particular program of study, of which at least 50 percent are earned at the upper-level.
2. Completion of the last 30 upper-level semester hours 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).<sup>\*</sup> 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 grade point average (GPA) of 2.5 or better.

<sup>\*</sup> 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 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 track 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** Field experience is 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 2 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 grade point average, 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).<sup>\*</sup> **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 (EDF 1005)***	3 hours
Teaching Diverse Populations (EDG 2701)***	3 hours
Introduction to Educational Technologies (EME 2040)	3 hours

\*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 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 2 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.** 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 620-2610

**Otilia Salmon**, Interim Chair and Associate Professor  
**Janet E. Bosnick**, Associate Professor  
**Candice Carter**, Associate Professor  
**Wanda Hedrick**, Associate Professor  
**Nile V. Stanley**, Associate Professor  
**Janice A. Wood**, Associate Professor  
**Jacqueline J. Batey**, Assistant Professor  
**Edwidge Crevecoeur-Bryant**, Assistant Professor  
**Katrina Hall**, Assistant Professor  
**Jace Hargis**, Assistant Professor  
**Christine Weber**, Assistant Professor  
**Lunetta M. Williams**, Assistant Professor  
**Menia Stone**, Instructor  
**Linda Dacks**, Resident Clinical Faculty  
**Sharon Joca**, Clinical Instructor  
**Christie Stevenson**, Resident Clinical Faculty  
**Kathleen Witsell**, Resident Clinical Faculty  
**Laurel Stanley**, WOGI Research Assistant

### 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 six grade children in a range of urban settings. 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 division faculty will be 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 attitudes commensurate with established standards for professional edu-

cators, 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 (15 SEMESTER HOURS)**

Grade of C or higher required

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies

Select six semester hours with an international or diversity focus. This requirement may be satisfied in the first sixty (60) semester hours.

If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	International Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism

PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority
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		

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (25 SEMESTER HOURS)**

EDF 3151	3.0	Nature Learner
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clstrm Managmt Commun

**Clinical Requirements**

EDF 3945	2.0	Field Lab-I
EDF 3946	2.0	Field Lab-II
EDE 4943	12	Pract II: St Intern

Application for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (41 SEMESTER HOURS)**

EEC 4260	3.0	Dev Pre/Kind Prm Tch
EEC 3408	3.0	Family Schl Partner
EEC 4210	6.0	Math Sci Soc Study
EEC 4209	6.0	Music Art Movement
LAE 3210	3.0	Founds Of Literacy
EEC 4213	6.0	Begin Read And Write
EEX 4200	3.0	Pre-K/Prim Ch Except
EEC 3731	2.0	Hea Nutr/Sfty Yg Chd
EEC 4207	3.0	Meas/Ev/Plan Ec Lit
TSL 3550	3.0	Principle & Iss Tesol
TSL 4340	3.0	Tesol Meth & Curricl

\* You must submit passing scores on all four parts of the clast exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.

\* Grade of C or better required for all courses on the program of study.

\* 2.5 UNF GPA is required to be eligible for internship & graduation

\* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.

\* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.

\* All relevant critical task performances for this program of study must be completed prior to graduation.

\* Fingerprinting and background checks required prior to placement in school settings.

**Major: Elementary Education**  
**Track: Elementary Education (K-6)**  
**Degree: Bachelor of Arts in Education**

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

**Prerequisites (15 SEMESTER HOURS)**

Grade of C or higher required

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies

Select six semester hours with an international or diversity focus. This requirement may be satisfied in the first sixty (60) semester hours.

If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
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ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	International Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologic
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (25 SEMESTER HOURS)**

EDF 3151	3.0	Nature Learner
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clsmr Managmt Commun

**Clinical Requirements**

EDF 3945	2.0	Field Lab-I
EDF 3946	2.0	Field Lab-II
EDE 4943	12	Pract II: St Intern

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (41 SEMESTER HOURS)**

LAE 3210	3.0	Founds Of Literacy
LAE 3211	6.0	Meth/Rscs Lit Dev
LAE 4312	3.0	Meas/Ev/Plan Lit Dev
SCE 3310	3.0	Sci Methods: Elem
SSE 3313	4.0	Soc Study Mthds: Elem
HSC 3301	3.0	Hlth/Mov Ed: Elem Sch
ARE 4313	3.0	Art Methods: Elem Tch
MUE 4210	3.0	Music Methods: Elem
EDG 3324	3.0	Mthds Of Concept Tea
MAE 3312	4.0	Math Methods: Elem
TSL 3550	3.0	Principle & Iss Tesol
TSL 4340	3.0	Tesol Meth & Curricl

\* You must submit passing scores on all four parts of the clast exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.

\* Grade of C or better required for all courses on the program of study.

\* 2.5 UNF GPA is required to be eligible for internship & graduation

\* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.

\* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.

\* All relevant critical task performances for this program of study must be completed prior to graduation.

\* Fingerprinting and background checks required prior to placement in school settings.

**Department of Foundations  
& Secondary Education  
620-2610**

**Sandra L. Gupton**, Chair and Professor  
**Marianne B. Barnes**, Professor  
**Paul D. Eggen**, Professor and Program Leader K-12  
**Dennis M. Holt**, Professor  
**Phillip S. Riner**, Professor  
**Allan N. Sander**, Professor  
**G. Pritchey Smith**, Professor  
**Royal VanHorn**, Professor  
**Richard H. Chant**, Associate Professor and Program  
Leader Middle/Secondary  
**Donna M. Keenan**, Associate Professor  
**Otilia Salmon**, Associate Professor  
**Michael Smith**, Associate Professor  
**Mary Sue Terrell**, Associate Professor  
**Cassandra Z. Etgeton**, Assistant Professor  
**Wanda LaStrapes**, Assistant Professor  
**Meiko Nagishi**, Assistant Professor  
**Matthew T. McCrudden**, Assistant Professor  
**Rebecca Bliss**, Visiting Instructor  
**Debra S. O'Connell**, Visiting Instructor

**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 preservice 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 track in:  
Mathematics/Science (5-9)

Secondary Education, with majors in:  
Biology  
Chemistry  
English  
Mathematics  
Physics  
Social Studies

Physical Education, with tracks in:  
K - 12 Physical Education

K-12 Programs:  
Art Education  
Music Education

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 division 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 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**  
**Track: Art Education (K-12)**  
**Degree: Bachelor of Arts in Education**

**Prerequisites (39 SEMESTER HOURS)**

Grade of C or higher required  
EDF 1005 3.0 Intro To Education  
EDG 2701 3.0 Tchg Diverse Populat  
EME 2040 3.0 Intr Ed Technologies  
ART 1300 C 3.0 Drawing I  
ART 1201 C 3.0 Two-Dimensional Desi  
ARH 2050 3.0 Art Hist Surv I  
ART 2301 C 3.0 Drawing II  
ART 2203 C 3.0 Three Dim Design  
ART 2500 C 3.0 Painting Fundamental  
ARH 2051 3.0 Art Hist Surv II  
Select 2 Studio Art I courses  
ART

Select six semester hours with an international or diversity focus. This requirement may be satisfied in the first sixty (60) semester hours. If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	International Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority

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

Any ARH history except: ARH 3423, ARH 3470, ARH 3930,  
ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (28 SEMESTER HOURS)**

EDF 3151	3.0	Nature Learner
RED 3333	3.0	Reading Methd I: Sec
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clsmr Managmt Commun
Clinical Requirements		
EDF 3945	2.0	Field Lab-I
EDF 3946	2.0	Field Lab-II

**Select One Course**

ESE 4943	1-12	Student Internship
EDE 4943	12	Pract Ii: St Intern

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (25 SEMESTER HOURS)**

ARE 4353	4.0	Art Methods K-12
ARH 4800	3.0	Aesthetics Of Art
ART 3786 C	3.0	Ceramics
ART 4965 C	3.0	Fine Art Portfolio
ART 3504 C	3.0	Painting Studio
ART 2400 C	3.0	Printmaking
ART 3707 C	3.0	Sculpture Process
PGY 2401 C	3.0	Photography In B&W

\* You must submit passing scores on all four parts of the CLAST exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.

\* Grade of C or better required for all courses on the program of study.

\* 2.5 UNF GPA is required to be eligible for internship & graduation

\* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.

\* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.

\* All relevant critical task performances for this program of study must be completed prior to graduation.

\* Fingerprinting and background checks required prior to placement in school settings.

**Major: Music Education**

**Track: Music (K-12)**

**Degree: Bachelor of Arts in Education**

**Prerequisites (43 SEMESTER HOURS)**

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies
MUT 1111	3.0	Theory I
MUT 1112	3.0	Theory II
MUT 2116	3.0	Theory III
MUT 2117	3.0	Theory IV
MUT 1241	1.0	Theory I, Aural
MUT 1242	1.0	Theory II, Aural
MUT 2246	1.0	Aural Theory Adv
MUT 2247	1.0	Aural Theory Adv

Acceptable substitutes for Theory I, II, III, IV: MUT 1121, MUT 1122, MUT 2126, and MUT 2127.

Acceptable substitutes for aural: MUT 1221, MUT 1222, MUT 2226, and MUT 2227 or MUT 1261, MUT 1262, MUT 2266, and MUT 2267 or MUT 1271, MUT 1272, MUT 2276, and MUT 2277.

Select 4 credit hours of applied music at the 1000 level

The college recommends one MVV 1111

MVV 1111	1.0	Class Voice
MVB/MVK/MVP/MVV/MVW/MVJ/MVS		

Select 4 credit hours of applied music at the 2000 level  
MVB/MVK/MVP/MVV/MVW/MVJ/MVS

Ensembles (4 Credit Hours)  
MUN

Successful completion of the piano proficiency examination or class piano.

Acceptable substitutes MVK 1111, MVK 1112, MVK 2121, and MVK 2122 or MVK 1111R, MVK 1112R, MVK 2121R, and MVK 2122R or MVK 1211 and 2221.

Select six semester hours with an international or diversity focus. This requirement may be satisfied in the first sixty (60) semester hours. If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	International Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologic
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minorty

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

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (28 SEMESTER HOURS)**

EDF 3151	3.0	Nature Learner
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clsm Managmt Commun
RED 3333	3.0	Reading Methd I: Sec

**Clinical Requirements**

EDF 3945	2.0	Field Lab-I
EDF 3946	2.0	Field Lab-II

**Select One Course**

ESE 4943	12	Student Internship
EDE 4943	12	Pract II: St Intern

Field assignments will be made to ensure that music education majors have experiences at the K-12 levels. Thus, the school assignments for Field I, Field II, and internship will include one elementary school site, one middle/junior high school site, and one secondary school site. One of these school sites must be at an urban setting.

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (22 SEMESTER HOURS)**

MUE 2460	1.0	Brasswind Techniques
MUE 2440	1.0	String Techniques
MUE 2450	1.0	Woodwind Techniques
MUE 2470	1.0	Percussion Technique
MUE 3480	1.0	March Band Tech
MUE 4311	3.0	Music Edu Elem Schl
MUE 4330	3.0	Music Edu Sec Schl
MUH 3211	3.0	Music History I
MUH 3212	3.0	Music History II
MUG 3104	2.0	Basic Conducting
MUT 3611	3.0	Form And Analysis

**Major Electives**

**(3000 - 4000 LEVEL) (11 SEMESTER HOURS)**

Applied Music (3 Courses)

MVB/MVJ/MVK/MVP/MVS/MVV/MVW

3 Sh. Ensemble Elect (3000 - 4000 LEVEL)

MUN

Select One

MUE 3491	2.0	Choral Mtrls Prctm
MUE 3332	2.0	Instr Mtrls Practicm

Recital

Must complete half or joint recital prior to graduation.



- \* You must submit passing scores on all four parts of the CLAST exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.
- \* A successful audition with the music department is required for admission into this program

**Major: Middle School Education**  
**Track: Math/Science Option**  
**Degree: Bachelor of Arts in Education**

**Prerequisites (37 SEMESTER HOURS)**

Minimum grade of "C" required in all course work.

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies
MAC 1105	3.0	G(M) College Algebra
MAC 1114	2.0	G(M) Trigonometry
MAC 2311	4.0	G(M) Calculus I
STA 2014	3.0	G(M) Elem Sta-Hlth/Ss
GLY 2001 C	3.0	Earth Science
BSC 1010 C	4.0	General Biology I

Select one of the following

CHM 2045 C	4.0	Gen Chemistry I
PHY 2053	3.0	Algebra Physics I
PHY 2053 L	1.0	Algebra Physics I Lab

Select six semester hours with an international or diversity focus. This requirement maybe satisfied in the first sixty (60) semester hours.

If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	Internationl Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit

LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsply/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority
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		

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (28 SEMESTER HOURS)**

EDF 3151	3.0	Nature Learner
EDG 3323	3.0	The Learning Process
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clsmr Managmt Commun

Clinical Requirements

EDF 3945	2.0	Field Lab-I
EDF 3946	2.0	Field Lab-II
ESE 4943	1-12	Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (32 SEMESTER HOURS)**

EDG 4205	3.0	Mid Sch Phil/Curr
EEX 3251	3.0	Dev Skls/Math Prbms
MAE 4320	3.0	Mid Grades Math Meth
SCE 4320	3.0	Mid Grades Sci Meth
RED 3333	3.0	Reading Methd I: Sec
PHI 4400	3.0	Philosophy Of Sci
MTG 3203	3.0	G(M) Gtry Mdl Sch Tch

Select 1 Chm Or Phy W/Lab

CHM/PHY

Select Additional Math

MAA MAC MAD MAE MAP MAS MAT MGF MHF MTG

Select one PE Class

PEL/PEM/PEN

Select one Computer Programming Course  
COP

- \* You must submit passing scores on all four parts of the class exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.

**Major: English Education**  
**Track: English (6-12)**  
**Degree: Bachelor of Arts in Education**

**Prerequisites (25 SEMESTER HOURS)**

Grade of C or higher required

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies
SPC 2600	3.0	Public Speaking

One Additional Lit Class

ENL 3501	3.0	G(W) Prds Ely Brt Lit
AML 3031	3.0	G(W) Per Ear Amer Lit
ENL 3503	3.0	G(W) Prds Ltr Brt Lit
AML 3041	3.0	G(W) Per Late Am Lit

Or

AML/CRW/ENC/ENG/ENL/LIT/CLT

One Additional English Class

ENC 1101	3.0	G(W) College Writing
LIT 2110	3.0	G(W) Intro Literature
LIT 2932	3.0	G(W) Theme/Types Lit

Select six semester hours with an international or diversity focus. This requirement maybe satisfied in the first sixty (60) semester hours. If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	International Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth

LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority
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		

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (25 SEMESTER HOURS)**

EDF 3151	3.0	Nature Learner
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clsmr Managmt Commun

Clinical Requirements

EDF 3945	2.0	4.0 Field Lab-I
EDF 3946	2.0	4.0 Field Lab-II
ESE 4943	1.0	12.0 Student Internship

Applications for fall internships are due 4th Friday of the Previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (42 SEMESTER HOURS)**

LAE 4335	3.0	Spc Meth: Secndry Eng
ENG 4013	3.0	G(W) Literary Inter
RED 3333	3.0	Reading Methd I: Sec
AML 3621	3.0	G(W) Black Amer. Lit.
LIT 3333	3.0	G(W) Adol Lit
ENL 3333	3.0	Shakespeare
ENC 3310	3.0	G(W) Writing Prose
LIN 3010	3.0	Prin Of Linguistics
RED 3310	3.0	Reading Methd I: Elem
EEX 3250	3.0	Read Mthds: Lrnrs Exc
TSL 3550	3.0	Principle & Iss Tesol
TSL 4340	3.0	Tesol Meth & Curricl
TSL 4360	3.0	Tesol Met Cur Sec Te

## Select 1

AML 3102	3.0	G(W) Amer. Fiction
AML 3154	3.0	G(W) American Poetry
ENG 4105	3.0	Film As Literature
ENL 3112	3.0	G(W) British Novel I
ENL 3132	3.0	G(W) British Novel II
LIT 3043	3.0	G(W) Mod Contmp Drama
LIT 3331	3.0	G(W) Children's Lit
LIT 4041	3.0	Stdy In Drama
LIT 3045	3.0	Periods Of Drama Lit

\* You must submit passing scores on all four parts of the CLAST exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.

\* Grade of C or better required for all courses on the program of study.

\* 2.5 UNF GPA is required to be eligible for internship & graduation

\* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.

\* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.

\* All relevant critical task performances for this program of study must be completed prior to graduation.

\* Fingerprinting and background checks required prior to placement in school settings.

## Major: Mathematics Education

### Track: Mathematics (6-12)

### Degree: Bachelor of Arts in Education

#### Prerequisites

(30 SEMESTER HOURS)

Grade of "C" or better required in all coursework

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies
COP 2220	3.0	Computer Science I

Or select one programming class with COP prefix

MAC 2311	4.0	G(M) Calculus I
MAC 2312	4.0	G(M) Calculus II

Select four additional semester hours of math electives

Select six semester hours with an international or diversity focus. This requirement maybe satisfied in the first sixty (60) semester hours. If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	International Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East

LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority
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		

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

#### Core Requirements (31 SEMESTER HOURS)

EDF 3151	3.0	Nature Learner
EDG 3323	3.0	The Learning Process
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clsm Managmt Commun
RED 3333	3.0	Reading Methd I: Sec

#### Clinical Requirements

EDF 3945	2-4	Field Lab-I
EDF 3946	2-4	Field Lab-II
ESE 4943	1-12	Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

#### Major Requirements(32 SEMESTER HOURS)

MAE 4330	4.0	Sp Mthd: Scndry Math
MAC 2313	4.0	G(M) Calculus III
MAS 3105	4.0	G(M) Linear Algebra
MHF 3404	3.0	G(M) Histy Mathmtic
STA 4321	4.0	G(M) Prob & Statistics
MHF 3202	3.0	G(M) Foundatn Of Math
MAS 3203	3.0	G(M) Number Theory
MTG 3212	3.0	G(M) Modern Geometry
MAA 4200	4.0	Mathemat Analysis

- \* You must submit passing scores on all four parts of the CLAST exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.

**Major: Science Education**  
**Track: Biology (6-12)**  
**Degree: Bachelor of Arts in Education**

**Prerequisites (37 Semester Hours)**

Grade of C or higher required

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies

Select 8 semester hours of Biology with lab

BSC 1010 C	4.0	General Biology I
BSC 1011 C	4.0	General Biology II

Select Chemistry or Physics sequences

CHM 2045 C	4.0	Gen Chemistry I
CHM 2046 C	4.0	Gen Chemistry II

Or

PHY 2048	4.0	Calculus Physics I
PHY 2048 L	1.0	Calc Physics I Lab
PHY 2049	4.0	Calculus Physics II
PHY 2049 L	1.0	Calc Physics II Lab

Take 6 semester hours of Science Electives

AST/BCH/BOT/BSC/CHM/CHS/MCB/PCB/PHY/PHZ/  
PSC/ISC/ZOO

Select six semester hours with an international or diversity focus. This requirement maybe satisfied in the first sixty (60) semester hours. If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	Internationl Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C

LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority
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		

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (28 SEMESTER HOURS)**

EDF 3151	3.0	Nature Learner
EDG 3323	3.0	The Learning Process
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clstrm Managmt Commun

Clinical Requirements

EDF 3945	2-4	Field Lab-I
EDF 3946	2-4	Field Lab-II
ESE 4943	1-12	Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (34 SEMESTER HOURS)**

SCE 4330	3.0	Spc Meth: Scndry Sci
RED 3333	3.0	Reading Methd I: Sec
CHM 2210	3.0	Organic Chem I Lect
CHM 2210 L	1.0	Organic Chem I Lab
PCB 3063 C	4.0	Genetics
PCB 3043 C	4.0	Ecology
MCB 3020 C	4.0	Microbial Biology
PCB 3023 C	4.0	Molecular & Cell Bio

BSC 2020 C 4.0 Human Biology  
 PHY 2053 3.0 Algebra Physics I  
 PHY 2053 L 1.0 Algebr Physics I Lab

- \* You must submit passing scores on all four parts of the elast exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.

**Major: Science Education**  
**Track: Chemistry (6-12)**  
**Degree: Bachelor of Arts in Education**

**Prerequisites (37 Semester Hours)**

Grade of C or higher required

EDF 1005 3.0 Intro To Education  
 EDG 2701 3.0 Tchg Diverse Populat  
 EME 2040 3.0 Intr Ed Technologies  
 CHM 2045 C 4.0 Gen Chemistry I  
 CHM 2046 C 4.0 Gen Chemistry II

Select 8 semester hours of Biology or Physics with lab

BSC 1010 C 4.0 General Biology I  
 BSC 1011 C 4.0 General Biology II  
 Or  
 PHY 2048 4.0 Calculus Physics I  
 PHY 2048 L 1.0 Calc Physics I Lab  
 PHY 2049 4.0 Calculus Physics II  
 PHY 2049 L 1.0 Calc Physics II Lab

Select 6 semester hours of Science Electives

AST/BCH/BOT/BSC/CHM/CHS/MCB/PCB/PHY/PHZ/  
 PSC/ISC/ZOO

Select six semester hours with an international or diversity focus. This requirement maybe satisfied in the first sixty (60) semester hours. If not satisfied, choose from the following courses:

CLP 4143 3.0 Psy Of Abnormal Behr  
 CPO 3123 3.0 (FC)Pol/Soc Brit & Irl  
 CPO 4034 3.0 Third World Politics  
 CPO 4930 1-4 Topics: Comprtve Pol  
 ECO 3703 3.0 International Trade  
 ECO 4504 3.0 Public Finance  
 ECO 4723 3.0 Inter Monetary Sys  
 FIN 4604 3.0 Internationl Finance  
 GEO 2420 3.0 CD-Cultural Geogrphy  
 HSC 4141 3.0 Etiology: Addiction  
 HSC 4160 3.0 Hum Dev Hlth Beh Adc  
 HSC 4563 3.0 Dimens: Hlth Oldr Adu  
 INR 3016 3.0 Global Iss Cont Pol  
 LIT 2100 3.0 G(W) Mstrwks Wrld Lit

LIT 3184 3.0 (FC)G(W) Irish Lit/C  
 LIT 3193 3.0 (FC)G(W) Lit Of East  
 LIT 3304 3.0 G(W) Lit/Pop. Am. Cult.  
 LIT 3408 3.0 Approach To Lit: Myth  
 LIT 4093 3.0 Contemporary Lit  
 LIT 4104 3.0 Studies: Medieval Lit  
 LIT 4186 3.0 Studies In Irish Lit  
 LIT 4650 3.0 Comparative Lit  
 MAR 4156 3.0 Interntnal Marketing  
 MUH 2018 3.0 Evolution Of Jazz  
 MUH 3055 3.0 (FC) Afr Am Mus Hertg  
 PET 4640 2.0 Adapted Phys Educ  
 PHH 3100 3.0 Ancient Philosophy  
 PHH 3120 3.0 (FC) Greek Experience  
 PHH 3400 3.0 Modern Philosophy  
 PHH 3500 3.0 19th Cent Philosophy  
 PHH 3811 3.0 Phlsphy/Zen Buddhism  
 PHH 4601 3.0 20th-Cent Cont Phil  
 PHH 3860 3.0 (FC) Japanese Mind  
 REL 2300 3.0 CD-Comparative Relig  
 REL 3145 3.0 Woman Relg Wst Exper  
 REL 3213 3.0 Hbrew Bible/Old Test  
 REL 3310 3.0 Asian Religions  
 REL 3330 3.0 Religions Of India  
 REL 3443 3.0 Liberation Theologie  
 SOP 3742 3.0 CD-psych Of Women  
 SYD 3700 3.0 CD-race/Cult Minority

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

Any ARH history except: ARH 3423, ARH 3470, ARH 3930,  
 ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (28 SEMESTER HOURS)**

EDF 3151 3.0 Nature Learner  
 EDG 3323 3.0 The Learning Process  
 EDF 4327 3.0 Assmt Of Lng & Behav  
 EDG 4410 3.0 Clsrm Managmt Commun

**Clinical Requirements**

EDF 3945 2-4 Field Lab-I  
 EDF 3946 2-4 Field Lab-II  
 ESE 4943 1-12 Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements (34 SEMESTER HOURS)**

SCE 4330 3.0 Spc Meth: Scndry Sci  
 RED 3333 3.0 Reading Methd I: Sec  
 CHM 3120 C 4.0 Quant Analytical Chem  
 CHM 2210 3.0 Organic Chem I Lect  
 CHM 2210 L 1.0 Organic Chem I Lab  
 CHM 2211 3.0 Organic Chemistry II  
 CHM 2211 L 1.0 Organic Chem II Lab  
 CHM 3610 C 4.0 Inorganic Chemistry

CHM 4410 C 4.0 Physical Chemistry I  
 Chose one of the following chemistry classes  
 BCH 4033 3.0 Biochemistry  
 BCH 4033 L 1.0 Biochemistry Lab  
 CHM 4130 C 5.0 Mod Analytical Chem  
 CHS 4610 3.0 Environmental Chem  
 CHS 4610 L 1.0 Envir Chemistry Lab

Take either.(must be consistent with earlier phy course)

PHY 2054 3.0 Algebra Physics II  
 PHY 2054 L 1.0 Algeb Physics II Lab  
 PHY 2049 4.0 Calculus Physics II  
 PHY 2049 L 1.0 Calc Physics II Lab

- \* You must submit passing scores on all four parts of the CLAST exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.

## Major: Science Education

### Track: Physics (6-12)

### Degree: Bachelor of Arts in Education

#### Prerequisites

(37 Semester Hours)

#### Required Courses

Grade of C or higher required

EDF 1005 3.0 Intro To Education  
 EDG 2701 3.0 Tchg Diverse Populat  
 EME 2040 3.0 Intr Ed Technologies  
 PHY 2048 4.0 Calculus Physics I  
 PHY 2048 L 1.0 Calc Physics I Lab  
 PHY 2049 4.0 Calculus Physics II  
 PHY 2049 L 1.0 Calc Physics II Lab

Select Biology or Chemistry

BSC 1010 C 4.0 General Biology I  
 BSC 1011 C 4.0 General Biology II

Or

CHM 2045 C 4.0 Gen Chemistry I  
 CHM 2046 C 4.0 Gen Chemistry II

Select six semester hours of science

AST/BCH/BOT/BSC/CHM/CHS/MCB/PCB/PHY/PHZ/  
 PSC/ISC/ZOO

Select six semester hours with an international or diversity focus. This requirement maybe satisfied in the first sixty (60) semester hours. If not satisfied, choose from the following courses:

CLP 4143 3.0 Psy Of Abnormal Behr  
 CPO 3123 3.0 (FC)Pol/Soc Brit & Irl  
 CPO 4034 3.0 Third World Politics  
 CPO 4930 1-4 Topics: Comprtve Pol  
 ECO 3703 3.0 International Trade

ECO 4504 3.0 Public Finance  
 ECO 4723 3.0 Inter Monetary Sys  
 FIN 4604 3.0 International Finance  
 GEO 2420 3.0 CD-Cultural Geogrphy  
 HSC 4141 3.0 Etiology: Addiction  
 HSC 4160 3.0 Hum Dev Hlth Beh Adc  
 HSC 4563 3.0 Dimens: Hlth Oldr Adu  
 INR 3016 3.0 Global Iss Cont Pol  
 LIT 2100 3.0 G(W) Mstrwks Wrld Lit  
 LIT 3184 3.0 (FC)G(W) Irish Lit/C  
 LIT 3193 3.0 (FC)G(W) Lit Of East  
 LIT 3304 3.0 G(W) Lit/Pop. Am. Cult.  
 LIT 3408 3.0 Approach To Lit: Myth  
 LIT 4093 3.0 Contemporary Lit  
 LIT 4104 3.0 Studies: Medieval Lit  
 LIT 4186 3.0 Studies In Irish Lit  
 LIT 4650 3.0 Comparative Lit  
 MAR 4156 3.0 Interntnal Marketing  
 MUH 2018 3.0 Evolution Of Jazz  
 MUH 3055 3.0 (FC) Afr Am Mus Hertg  
 PET 4640 2.0 Adapted Phys Educ  
 PHH 3100 3.0 Ancient Philosophy  
 PHH 3120 3.0 (FC) Greek Experience  
 PHH 3400 3.0 Modern Philosophy  
 PHH 3500 3.0 19th Cent Philosophy  
 PHH 3811 3.0 Phlsphy/Zen Buddhism  
 PHH 4601 3.0 20th-Cent Cont Phil  
 PHH 3860 3.0 (FC) Japanese Mind  
 REL 2300 3.0 CD-Comparative Relig  
 REL 3145 3.0 Woman Relg Wst Exper  
 REL 3213 3.0 Hbrew Bible/Old Test  
 REL 3310 3.0 Asian Religions  
 REL 3330 3.0 Religions Of India  
 REL 3443 3.0 Liberation Theologie  
 SOP 3742 3.0 CD-Psych Of Women  
 SYD 3700 3.0 CD-Race/Cult Minority

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

Any ARH history except: ARH 3423, ARH 3470, ARH 3930,  
 ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

#### Core Requirements

(28 SEMESTER HOURS)

#### Required Courses

EDF 3151 3.0 Nature Learner  
 EDG 3323 3.0 The Learning Process  
 EDF 4327 3.0 Assmt Of Lng & Behav  
 EDG 4410 3.0 Clsrm Managmt Commun

#### Clinical Requirements

EDF 3945 2-4 Field Lab-I  
 EDF 3946 2-4 Field Lab-II  
 ESE 4943 1-12 Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for the spring internship are due the 4th Friday of the previous fall term.

**Major Requirements (32 SEMESTER HOURS)**

SCE 4330	3.0	Spc Meth: Scndry Sci
RED 3333	3.0	Reading Methd I: Sec
AST 2002	3.0	Basic Astronomy
AST 2002 L	1.0	Basic Astronomy Lab
PHY 3101	3.0	Modern Physics
PHY 3101 L	1.0	Modern Physics Lab
PHY 3722 C	4.0	Electron For Scien
PHY 3424	3.0	Optics
PHY 3220	4.0	Classical Mechanics
PHY 3320	4.0	Electricity/Magnetism
PHY 4523	3.0	Thermo And Stat Mech

- \* You must submit passing scores on all four parts of the CLAST exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.

**Major: Social Studies Education**  
**Track: Social Studies (6-12)**  
**Degree: Bachelor Of Arts In Education**

**Prerequisite (30 SEMESTER HOURS)**

## Required Courses

Grade of C or higher required

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies

## Select 12 semester hours

POS 2041	3.0	Intro American Gov
ANT 2000	3.0	CD- Intro Anthropolgy
GEO 2420	3.0	CD-Cultural Geogrphy
ECO 2013	3.0	Princ Macroeconomics
AMH 2020	3.0	U. S. His Since 1877
PSY 2012	3.0	Intro To Psy
SYG 2000	3.0	Intro To Sociology

Select six semester hours with an international or diversity focus. This requirement maybe satisfied in the first sixty (60) semester hours. If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	Internationl Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction

HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority

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

Any ARH history except: ARH 3423, ARH 3470, ARH 3930,  
 ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

**Core Requirements (28 SEMESTER HOURS)**

## Required Courses

EDF 3151	3.0	Nature Learner
EDG 3323	3.0	The Learning Process
EDF 4327	3.0	Assmt Of Lng & Behav
EDG 4410	3.0	Clsmr Managmt Commun

## Clinical Requirements

EDF 3945	2-4	Field Lab-I
EDF 3946	2-4	Field Lab-II
ESE 4943	1-12	Student Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

**Major Requirements(31 SEMESTER HOURS)**

## Required Courses

HIS 3051	3.0	G(W) Craft Of Histrn
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SSE 4384 4.0 Spec Methd: Soc St  
 RED 3333 3.0 Reading Methd I: Sec  
 GEO 3370 3.0 Conservation-Nat Res  
 INR 3016 3.0 Global Iss Cont Pol  
 AMH 3420 3.0 Florida History  
 ECO 3622 3.0 Amer Econ History  
 LAH 3300 3.0 CD-(FC) Mod Lat Amer  
 Or Any LAH-3000 Level Course  
 LAH

Any ASH 3000-level Course  
 ASH

Any History 3000-level Course

Note: if AMH 2000 was not taken to meet pre-requisites, this course must be any AMH 3000-level course other than AMH 3420.

AFH AMH ASH EUH HIS LAH WOH

**Electives (01 SEMESTER HOURS)**

Select 1 Credit (3000 - 4000 LEVEL)  
 AMH/ECO/EUH/HIS/INR/LAH/POS/PSY/SOP/SYA/  
 SYG/SYO

- \* You must submit passing scores on all four parts of the CLAST exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.
- \* EDF 1005 has an 18 hour field component. EDF 3945 has a 50 hour field component. TSL 4340 has a 20 hour field component. EDG 2701 has an 18 hour field component

**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.

**Minor Prerequisites (03 SEMESTER HOURS)**

Grade of C or higher required in all education classes.  
 Cumulative GPA of 2.5 or higher required in all ed classes  
 Prerequisite  
 EDF 1005 3.0 Intro To Education

**Minor Requirements (17 SEMESTER HOURS)**

EDF 3151 3.0 Nature Learner  
 EDG 3323 3.0 The Learning Process  
 EDF 4327 3.0 Assmt Of Lng & Behav

Take either  
 EDG 4410 3.0 Clsrn Managmt Commun  
 Or  
 EEX 3202 3.0 Psy/Soc Excptl Lnrs

Select appropriate special methods course from list below.

Select One  
 ARE 4341 3.0 Art Ed Sec Sch: Inq  
 LAE 4335 3.0 Spc Meth: Secndry Eng  
 MAE 4330 4.0 Sp Mthd:Scndry Math  
 SCE 4330 3.0 Spc Meth: Scndry Sci  
 SSE 4384 4.0 Spec Methd: Soc St  
 PET 3713 3.0 Spec Mth Cur K8/6-12  
 FLE 4333 4.0 Spec Mthds: For Lang  
 EEX 4255 3.0 Curr/Instr: Lnrs Exc  
 HSC 3304 3.0 Instruc Mths Hlth Ed  
 MUE 4311 3.0 Music Edu Elem Schl  
 MUE 4330 3.0 Music Edu Sec Schl

Note: music majors should take both MUE 4311 & 4330.

EDF 3945 2-4 Field Lab-I

The following courses may be taken as additional free electives.

EDG 2701, EME 2040, TSL 3550 & TSL 4340

Please note important message below

1. EDG 3323 & EDF 3945 must be taken as corequisites
2. Minor meets minimum professional education requirements for alternative teacher certification in Florida.
3. Students desiring additional information about teacher certification in Florida should consult with an advisor in the College of Education and Human Services
4. Minimum GPA of 2.5 required in minor.

**Department of Exceptional Student and Deaf Education  
 620-2930**

**Len Roberson**, Chair and Associate Professor,  
 Program Leader, Deaf Education  
**Gerard R. Giordano**, Professor  
**Donald F. Moores**, Professor  
**Thomas S. Serwatka**, Vice President and Professor  
**Clement J. Van Nagel**, Professor  
**John J. Venn**, Professor  
**Marsha H. Lupi**, Associate Professor and Associate Dean  
**Sherry Shaw**, Associate Professor, ASL/English  
 Interpreting  
**Kristine Webb**, Associate Professor and 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

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 will result



in certification in exceptional student education. Exceptional Student and Deaf Education also offers a track in deaf studies. Deaf studies is a five-year program in which students complete certification in deaf education at the master's degree level.

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

**Track: Exceptional Student Education**

**Degree: Bachelor of Arts in Education**

#### Prerequisites (15 SEMESTER HOURS)

Grade of C or higher required

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies

Select six semester hours with an international or diversity focus. This requirement may be satisfied in the first sixty (60) semester hours.

If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	International Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol

LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz
MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority
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		

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

#### Core Requirements (25 SEMESTER HOURS)

EDF 3151	3.0	Nature Learner
EDF 4327	3.0	Assmt Of Lng & Behav
EEX 4616	3.0	Clsmr Mgt Excpt Lnrn

#### Clinical Requirements

EDF 3945	2-4	Field Lab-I
EDF 3946	2-4	Field Lab-II
EEX 4861	3-12	Internship

Applications for fall internships are due the 4th Friday of the previous spring term. Applications for spring internships are due the 4th Friday of the previous fall term.

#### Major Requirements (41 SEMESTER HOURS)

EEX 3202	3.0	Psy/Soc Excptl Lnrn
RED 3310	3.0	Reading Methd I: Elem
EEX 3250	3.0	Read Mthds: Lnrns Exc
EEX 3251	3.0	Dev Skls/Math Prbms
EEX 3252	3.0	Lang Arts: Excpt Lrns
EEX 4604	3.0	Ed Mgmt: Excpt Studnt
EEX 4101	2-3	Language Dev/Disord
EEX 4221	3.0	Ed Assmnt/Lnrns Exc

EEX 4281	3.0	Soc, Per, Car: Lrnrs Exc
EEX 4255	3.0	Curr/Instr: Lrnrs Exc
EEX 4253	3.0	Sem: Lit Strategies
EEX 4067	3.0	Sem: Affective Strate
TSL 3550	3.0	Principle & Iss Tesol
TSL 4340	3.0	Tesol Meth & Curricl

- \* You must submit passing scores on all four parts of the clast exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.
- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.

### Major: Special Education

#### Track: Deaf Studies

#### Degree: Bachelor of Arts in Education

#### Prerequisites (15 SEMESTER HOURS)

Grade of C or higher required

EDF 1005	3.0	Intro To Education
EDG 2701	3.0	Tchg Diverse Populat
EME 2040	3.0	Intr Ed Technologies

Select six semester hours with an international or diversity focus. This requirement may be satisfied in the first sixty (60) semester hours.

If not satisfied, choose from the following courses:

CLP 4143	3.0	Psy Of Abnormal Behr
CPO 3123	3.0	(FC)Pol/Soc Brit & Irl
CPO 4034	3.0	Third World Politics
CPO 4930	1-4	Topics: Comprtve Pol
ECO 3703	3.0	International Trade
ECO 4504	3.0	Public Finance
ECO 4723	3.0	Inter Monetary Sys
FIN 4604	3.0	Internationl Finance
GEO 2420	3.0	CD-Cultural Geogrphy
HSC 4141	3.0	Etiology: Addiction
HSC 4160	3.0	Hum Dev Hlth Beh Adc
HSC 4563	3.0	Dimens: Hlth Oldr Adu
INR 3016	3.0	Global Iss Cont Pol
LIT 2100	3.0	G(W) Mstrwks Wrld Lit
LIT 3184	3.0	(FC)G(W) Irish Lit/C
LIT 3193	3.0	(FC)G(W) Lit Of East
LIT 3304	3.0	G(W) Lit/Pop. Am. Cult.
LIT 3408	3.0	Approach To Lit: Myth
LIT 4093	3.0	Contemporary Lit
LIT 4104	3.0	Studies: Medieval Lit
LIT 4186	3.0	Studies In Irish Lit
LIT 4650	3.0	Comparative Lit
MAR 4156	3.0	Interntnal Marketing
MUH 2018	3.0	Evolution Of Jazz

MUH 3055	3.0	(FC) Afr Am Mus Hertg
PET 4640	2.0	Adapted Phys Educ
PHH 3100	3.0	Ancient Philosophy
PHH 3120	3.0	(FC) Greek Experience
PHH 3400	3.0	Modern Philosophy
PHH 3500	3.0	19th Cent Philosophy
PHH 3811	3.0	Phlsphy/Zen Buddhism
PHH 4601	3.0	20th-Cent Cont Phil
PHH 3860	3.0	(FC) Japanese Mind
REL 2300	3.0	CD-Comparative Relig
REL 3145	3.0	Woman Relg Wst Exper
REL 3213	3.0	Hbrew Bible/Old Test
REL 3310	3.0	Asian Religions
REL 3330	3.0	Religions Of India
REL 3443	3.0	Liberation Theologie
SOP 3742	3.0	CD-Psych Of Women
SYD 3700	3.0	CD-Race/Cult Minority

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

Any ARH history except: ARH 3423, ARH 3470, ARH 3930, ARH 4710, ARH 4724 and ARH 4800

Any INR except INR 4334

#### Core Requirements (13 SEMESTER HOURS)

EDF 3151	3.0	Nature Learner
EDF 4327	3.0	Assmt Of Lng & Behav
EEX 4616	3.0	Clsmr Mgt Excpt Lrn

#### Clinical Requirements

EDF 3945	2-4	Field Lab-I
EHD 4940	2.0	Deaf Ed Practicum

#### Major Requirements (52 SEMESTER HOURS)

EEX 3250	3.0	Read Mthds: Lrnrs Exc
EEX 3252	3.0	Lang Arts: Excpt Lrns
EEX 3202	3.0	Psy/Soc Excptl Lnrns
EEX 4604	3.0	Ed Mgmt: Excpt Studnt
EEX 4101	2-3	Language Dev/Disord
EEX 4221	3.0	Ed Assmnt/Lrnrs Exc
EEX 4281	3.0	Soc, Per, Car: Lrnrs Exc
EHD 4311	3.0	Psych/Educ: Deaf
EHD 4261	3.0	Audiology Speech Sci
EHD 4245	3.0	Lang Dev/Deaf
SPA 2612	4.0	American Sign Lang I
SPA 2613	4.0	Ameri Sign Lang II
SPA 4604	3.0	Amer Sign Lang III
SPA 4605	3.0	Amer Sign Lang Iv
EEX 3251	3.0	Dev Skls/Math Prbms
TSL 3550	3.0	Principle & Iss Tesol
EEX 4255	3.0	Curr/Instr: Lrnrs Exc

- \* You must submit passing scores on all four parts of the clast exam or all four parts of the Florida general knowledge test for admission into the college of education and human services.
- \* Grade of C or better required for all courses on the program of study.
- \* 2.5 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.

- \* Student must obtain passing scores on all three parts of the FTCE (general knowledge, professional knowledge, and subject area exam) to be eligible for graduation.
- \* All relevant critical task performances for this program of study must be completed prior to graduation.
- \* Fingerprinting and background checks required prior to placement in school settings.

**Department of Leadership, Counseling & Instructional Technology**  
620-2990

**Larry G. Daniel, Ph.D.**, Professor and Dean, College of Education and Human Services

**Cheryl A. Fountain, Ed.D.**, Professor and Executive Director, Florida Institute of Education

**Lynne Carroll, Ph.D.**, Professor and Program Leader, Counseling Programs

**Nicholas M. Karayanakis, Ph.D.**, Professor

**Kathrine M. Kasten, Ph.D.**, Professor

**Carolyn B. Stone, Ed.D.**, Professor

**Warren A. Hodge, Ph.D.**, Associate Professor

**Russell Mays, Ed.D.**, Associate Professor and Program

**Jennifer Kane, Ph.D.**, Associate Professor

**Kenneth T. Wilburn, Ph.D.**, Associate Professor

**Betty J. Bennett, Ph.D.**, Assistant Professor

**Shunda Brown, Ph.D.**, Assistant Professor

**Sebastian Foti, Ph.D.**, Assistant Professor

**Christopher A. Jansen, Ph.D.**, Assistant Professor

**Marcia L. Lamkin, Ed.D.**, Assistant Professor

**Jason W. Lee, Ph.D.**, Assistant Professor

**Marcelle C. Lovett Ed.D.**, Assistant Professor

**David Whittinghill, Ph.D.**, Associate Professor

**Nan Worsowicz, M.Ed.**, SOAR Clinical Educator

The Department of Leadership, Counseling and Instructional Technology offers undergraduate programs in the following areas:

Sport Management  
Sport Management  
Community Sport

**Bachelor of Science in Sport Management**

The Sport Leadership Track within the degree of Physical Education will no longer be offered to students beginning the Fall 2006 semester. Students who have already been accepted into the Sport Leadership Track will be able to complete this degree. A new Bachelor of Science degree program in Sport Management has been created to replace this track. The new degree will offer students two tracks. Those tracks are as follows:

The Sport Management Track is appropriate for those candidates who seek careers in professional sport, intercollegiate athletics, or sport entrepreneurship. The Community Sport Track is an appropriate concentration for candidates who seek leadership and/or instructional careers in settings 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**  
**Track: Sport Management**  
**Degree: Bachelor of Science**

**Prerequisites (06 SEMESTER HOURS)**

Grade of C or higher required

ACG 2021	3.0	Prin Of Accounting
ECO 2013	3.0	Prin of Macro Econ

**Core Requirements (30 SEMESTER HOURS)**

SPM 3306	3.0	Sport Marketing
PET 4464	3.0	Sport Finance
PET 3473	3.0	Communication Sport
PET 4401	3.0	Admin Phys Ed/Sport
PET 3493	3.0	Issues In Sport
PET 4476	3.0	Sport Law
SPM 3104	3.0	Sport Facility Mgmt
SPM 3044	3.0	Sport Governance
SPM 2000	3.0	Intro. Sport Mgmt
EDA 4214	3.0	Res Dvlp Non-profits

**Business Requirements (09 SEMESTER HOURS)**

MAN 3025	3.0	Administrative Mgmt
MAN 3054	3.0	Prod-Opr-Log Mgmt

Select one of the following:

BUL 3130	3.0	Legal Environ of Bus
MAR 3023	3.0	Prin of Marketing
FIN 3403	3.0	Financial Mgmt

**Electives (06 SEMESTER HOURS)**

Select two courses from the following prefixes:

DAE/HSC/PEO/PET/PEP

**Field Experiences (15 SEMESTER HOURS)**

SPM 3948 C	3.0	Sprt Ldshp Practicum
SPM 4941	12.0	Spt Ldershp Internsh

- \* Grade of C or better required for all courses on the program of study.
- \* 2.0 UNF GPA is required to be eligible for internship & graduation
- \* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.

**Major: Sport Management**  
**Track: Community Sport**  
**Degree: Bachelor Of Science**

**Prerequisites (13 SEMESTER HOURS)**

Grade of C or higher required

ACG 2021	3.0	Prin Of Accounting
ECO 2013	3.0	Prin of Macro Econ
BSC 2085C	4.0	Anatomy & Physiology I
PET 2622	3.0	Care/Prev Sprt Injury

**Core Requirements (30 SEMESTER HOURS)**

PET 3463	3.0	Sport Marketing
PET 4464	3.0	Sport Finance
PET 3473	3.0	Communication Sport
PET 4401	3.0	Admin Phys Ed/Sport
PET 3493	3.0	Issues In Sport
PET 4476	3.0	Sport Law

SPM 3104	3.0 Sport Facility Mgmt
SPM 3044	3.0 Sport Governance
SPM 2000	3.0 Intro. Sport Mgmt
EDA 4214	3.0 Res Dvlp Non-profits

**Physical Education/  
Sport Requirements**

**(18 SEMESTER HOURS)**

Select 6 courses

PET 3713	3.0 Spec Meth K-8/6-12 PE
PET 3351C	3.0 Physiology of Exercise
PET 3311	3.0 Kinesiology/Motor Behv
PEO 2011	3.0 Teaching Team Sports
PEO 2031	3.0 Teach Ind/Dual Sports
PET 4640	3.0 Adapted Physical Ed
DAE 3310	3.0 Dance in the Elem Sch
PEP 3205	3.0 Gym/Body Man in Elem
PEO 4004	3.0 Theory/Practice Coach
PEO 3007	3.0 Selected Coaching
PET 3474	3.0 Spec Topics in Sports
SPC 3948C	3.0 Sport Mgmt Practicum

or Choose from any HSC/HUN/PEL/PEM/PEN Health/Fitness Sport Activity

(should be at the 3000-4000 level)

**Clinical Requirements (12 SEMESTER HOURS)**

SPM 4941	12.0 Sport Mgmt Internship
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\* Grade of C or better required for all courses on the program of study.

\* 2.0 UNF GPA is required to be eligible for internship & graduation

\* Graduation will most likely be delayed if you attempt concurrent enrollment in your last semester.

\* Fingerprinting and background checks required prior to placement in school settings.

**Cultural Diversity Addendum**

Six semester hours with an international or diversity focus.

This requirement may have been satisfied in the first 60 hours.

If not satisfied, choose from the following courses:

CLP 4143	3.0 Psy. Of Abnormal Behr
CPO 3132	3.0 (FC) Pol/Soc Brit & Irl
CPO 4034	3.0 Third World Politics
CPO 4930	1-4 Topics: Comprtve Pol
ECO 3703	3.0 International Trade
ECO 4504	3.0 Public Finance
ECO 4723	3.0 Inter Monetary Sys
FIN 4604	3.0 International Finace
GEO 2420	3.0 CD-Cultural Geogrophy
HSC 4141	3.0 Etiology: Addiction
HSC 4160	3.0 Hum Dev Hlth Beh Adc
HSC 4563	3.0 Dimens: Hlth Oldr Adu
INR 3016	3.0 Global Iss Cont Pol
LIT 2100	3.0 G(3) Mstrwks Wrld Lit
LIT 3184	3.0 (FC)(3)G Irish Lit/C
LIT 3193	3.0 (FC)(G)3 Lit of East
LIT 3304	3.0 (FC)(G)3 Lit/Pop.Am.Cult.
LIT 3408	3.0 Approach To Lit: Myth
LIT 4093	3.0 Contemporary Lit
LIT 4104	3.0 Studies: Medieval Lit
LIT 4186	3.0 Studies In Irish Lit
LIT 4650	3.0 Comparative Lit
MAR 4156	3.0 Interntal Marketing
MUH 2018	3.0 Evolution Of Jazz
MUH 3055	3.0 (FC) Afr Am Mus Hertg
PET 4640	2.0 Adapted Phys Educ
PHH 3100	3.0 Ancient Philosophy
PHH 3120	3.0 (FC) Greek Experience
PHH 3400	3.0 Modern Philosophy
PHH 3500	3.0 19th Cent Philosophy
PHH 3811	3.0 Phlsphy/Zen Buddhism
PHH 4601	3.0 20th-Cent Cont Phil
PHH 3860	3.0 (FC) Japanese Mind
REL 2300	3.0 CD-Comparative Relig
REL 3145	3.0 Woman Relg Wst Exper
REL 3213	3.0 Hbrew Bible/Old Test
REL 3310	3.0 Asian Religions
REL 3330	3.0 Religions Of India
REL 3443	3.0 Liberation Theologic
SOP 3742	3.0 CD-Psych of Women
SYD 3700	3.0 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 and Human Services

## Course Descriptions

### Education - Undergraduate Core Courses

#### **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 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. (Fingerprinting and background check required.)

#### **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. (Fingerprinting and background check required.)

#### **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 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 4410 - Classroom Management and Communication** 3

This course provides preservice teachers with the basic skills necessary for effective classroom management and clear communication. It specifically assists preservice teachers in developing a set of behaviors designed to elicit and maintain student learning and on-task behaviors.

#### **EDG 4905 - Individual Investigation and Study** v. 1 - 3

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.

### Education Interdepartmental Courses

#### **ARE 4316 - Art Education in Elementary Schools; An Inquiry** 3

Prerequisites: EDG 3323 and EDF 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, EDF 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 EDF 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.

#### **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 service 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.

#### **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. (Fingerprinting and background check required.)

#### **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. (Fingerprinting and background check required.)

<b>EDG 2931 - Special Topics</b> Variable title and hours.	<b>v. 1 - 3</b>	<b>Elementary Education</b> All 3000-4000 level courses in elementary education require as prerequisites EDG 3323 and EDF 4327; or permission of the division chairperson.
<b>EDG 3949 - Experiential Studies in Education</b> 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 semester hours.	<b>v. 0 - 3</b>	<b>ARE 4313 - Art Methods for Elementary Teachers</b> Prerequisites: EDG 3323 and EDF 4327. An examination of elementary school art programs and resources, grades K-6. The course, designed for preservice 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.
<b>EME 2040 - Introduction to Educational Technologies</b> 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.	<b>3</b>	<b>EDE 4905 - Individual Investigation and Study</b> Prerequisite: Consent of department chair. May be repeated up to 24 credits.
<b>MUE 3944 - Music Education Field Laboratory</b> 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.	<b>2</b>	<b>EDE 4943 - Practicum II: Student Internship</b> Prerequisite: Pre-Kindergarten/Primary students only, 60 volunteer service hours. Completion of requirements prescribed in the 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. (Fingerprinting and background check required.)
<b>MUE 4311 - Music Education in Elementary Schools: The Organization and Teaching of General Music</b> Prerequisites: EDG 3323, EDF 4327 and four content prerequisites. 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.	<b>3</b>	<b>EDG 3324 - Methods of Conceptual Teaching</b> 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.
<b>MUE 4330 - Music Education in Secondary Schools: The Organization and Teaching of General, Choral, and Instrumental Music</b> Prerequisites: MUE 4311, MUG 3104. 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.	<b>3</b>	<b>EEC 3408 - Forming Family, School and Community Partnerships</b> 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.
<b>TSL 3550 - Principles and Issues in TESOL</b> 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.	<b>3</b>	<b>EEC 3731 - Health, Nutrition and Safety for the Young Child</b> 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 preservice teachers ways to assist young children to develop good habits and attitudes, and to assume lifelong responsibility for their own well-being.
<b>TSL 4340 - TESOL Methods and Curriculum</b> Prerequisite: As prescribed by 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. Fingerprinting and background check required.	<b>3</b>	<b>EEC 4203 - Primary Education II</b> Strategies for planning the curriculum, utilizing appropriate practices and resources for developing effective programs for primary aged children.
<b>TSL 4360 - TESOL Methods and Curriculum for Secondary Teachers</b> Prerequisite: 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. The course will enhance our ESOL infusion program and will ensure that COEHS secondary graduates are prepared to teach secondary ESOL students.	<b>3</b>	<b>EEC 4207 - Measurement, Evaluation, and Planning for Early Literacy Development</b> Prerequisites: LAE 3210 and EEC 4213. Students will learn formal and informal assessment strategies related to planning literacy instruction. Students select and implement tools and procedures, interpret and apply findings.

- EEC 4209 - Integrated Music, Art, and 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 and Writing** 6  
Prerequisite: LAE 3210. Methods of teaching reading and writing based on practical applications of recent research and theory.
- 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 preservice teachers how to design and implement developmentally appropriate classrooms that promote physical, social, emotional and cognitive development.
- HSC 3301 - Health and 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 experiences important to the development of literacy. This course must be taken prior to the second literacy course.
- LAE 3211 - Methods and Resources for Literacy Development** 6  
Prerequisite: 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 and Planning for Literacy Development** 3  
Prerequisite: LAE 3211. This is the third literacy course in the elementary teacher preparation program. It follows courses in the foundations of literacy development and methods and resources for literacy teaching/learning. It will enable preservice teachers to understand the scope and place of diagnosis and subsequent literacy instruction in the literacy development program; the roles played by the classroom teacher and other specialized personnel in the school; the wise use of a variety of diagnostic tools (tests and other measurement techniques) to measure literacy ability, and based on such measurement, evaluate the student's literacy abilities; the planning and implementation of an appropriate instructional program based on such an evaluation. (*A laboratory fee of \$22 will be assessed.*)
- MAE 3312 - Mathematics Methods for Elementary Teachers** 4  
Prerequisite: 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 Teachers 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.
- RED 3310 - Reading Methods I for Elementary Teachers** 3  
Study of the reading process, approaches, skills, and materials used in elementary reading instruction. Course or equivalent before senior internship.
- 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 Elementary Teachers** 4  
This course examines standards, issues, and methods related to the teaching of social studies in the elementary school. It includes an emphasis on culture and the arts as ways of knowing and learning about social studies.
- Middle School Education**
- 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.
- LAE 4323 - Special Methods: Middle Grades English** 3  
Prerequisites: AML 2012, LIT 2100, LIT 3333, and EDG 3323. Students will be prepared to teach emerging adolescents the oracy and literary skills needed in today's society using an integrated, multicultural research-based, whole language approach.
- MAE 4320 - Special Methods: Middle Grades 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.
- SCE 4320 - Special Methods: Middle Grades Science** 3  
Prerequisites: EDG 3323 and EDF 3151 or equivalent. Introduction to the instructional methods, materials, and curriculum for teaching middle grades science.
- SSE 4324 - Special Methods: Middle Grades Social Science** 3  
Prerequisite: EDF 3945. Corequisite: EDF 3946. The purpose of this course is to help preservice 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.
- Physical 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.

<b>PEL 1121 - Golf</b> Skill technique, club selection and match strategy instruction and performance in golf. (A range fee is necessary for participation).	<b>1</b>	<b>PEN 2172 - Fitness Swimming</b> Prerequisite: PEN 2122. Instruction in health-related fitness prescription and evaluation with performance and personal assessment in swimming or aquatic exercise.	<b>1</b>
<b>PEL 1211 - Softball</b> Introduction to the basic skills, strategies and rules of softball.	<b>1</b>	<b>PEO 2011 - Teaching Team Sports</b> Prerequisite: PET 3713. A study of research-based principles and methods used to teach team sport skills and activities in middle and high school physical education.	<b>3</b>
<b>PEL 1321 - Volleyball</b> Skill technique and game strategy instruction with performance in volleyball.	<b>1</b>	<b>PEO 2031 - Teaching Individual and Dual Sports</b> Prerequisite: PET 3713. 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.	<b>3</b>
<b>PEL 1341 - Tennis</b> Skill technique and game strategy instruction with performance in tennis.	<b>1</b>	<b>PEO 3007 - Selected Coaching: Variable Titles</b> 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.	<b>3</b>
<b>PEL 1441 - Racquetball</b> The course provides for instruction and practice to learn/improve basic racquetball skills as well as knowledge of the strategies and rules for racquetball.	<b>1</b>	<b>PEO 3344 - Tennis Coaching</b> 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.	<b>3</b>
<b>PEL 1511 - Soccer</b> Skill technique and game strategy instruction with performance in soccer.	<b>1</b>	<b>PEO 4004 - Theory and Practice in Coaching</b> A study of research based principles and methods used to coach individual and team sports.	<b>3</b>
<b>PEL 1621 - Basketball</b> The course provides for instruction and practice to learn/improve basic basketball skills as well as knowledge of the strategies and rules for basketball.	<b>1</b>	<b>PEO 4041 - Games in the Elementary School</b> Prerequisite: PET 3713. A study of the research-based principles and methods used to teach developmentally appropriate games in the elementary school.	<b>3</b>
<b>PEL 2905 - Selected Sports Activities: Variable Title</b> v. 1 - 3 An introduction to the basic skills and strategies utilized in selected individual/dual and team sports. May be repeated up to 16 credits.	<b>1 - 3</b>	<b>PEP 3205 - Gymnastics and Body Management in the Elementary School</b> Prerequisite: PET 3713. A study of the research-based principles and methods used to teach developmentally appropriate gymnastics and body management in the elementary school.	<b>3</b>
<b>PEM 1104 - Physical Conditioning</b> Instruction in health-related fitness prescription and evaluation with performance and personal assessment in walking, jogging, rope jumping, or fitness trail exercise.	<b>1</b>	<b>PEP 3304 - Track and Field Coaching</b> 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.	<b>3</b>
<b>PEM 1131 - Weight Training</b> Instruction in health-related fitness prescription and evaluation with performance and personal assessment in weight training involving Nautilus/universal machines.	<b>1</b>	<b>PET 2622 - Care and Prevention of Sport Injuries</b> Prerequisite/Corequisite: PET 3351C. A study of the principles and methods used to prevent and care for injuries sustained during physical activity.	<b>3</b>
<b>PEM 1930 - Aerobic Dance</b> Instruction and practice for basic skills and health related fitness development concerning aerobic dance.	<b>1</b>	<b>PET 3311 - Kinesiology and Motor Behavior</b> Prerequisite: BSC 2085C. 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.	<b>3</b>
<b>PEN 1121 - Beginning Swimming</b> Basic swimming stroke and water safety instruction and performance.	<b>1</b>	<b>PET 3351C - Physiology of Exercise</b> Prerequisite: BSC 2085C. 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.	<b>3</b>
<b>PEN 1231 - Basic Sailing</b> The course provides for instruction and practice to learn/improve basic skills in sailing small craft.	<b>1</b>		
<b>PEN 2114 - Lifeguard Training</b> 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.	<b>2</b>		
<b>PEN 2122 - Intermediate Swimming</b> 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.	<b>2</b>		



<b>PET 3434C - Learning Through Movement</b>	<b>3</b>	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.
<b>SPM 2000 - Introduction to Sport Management</b>	<b>3</b>	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.
<b>SPM 3044 - Sport Governance</b>	<b>3</b>	Students will learn the structure and function of the various sport 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.
<b>SPM 3104 - Sport Facility Management</b>	<b>3</b>	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.
<b>SPM 3306 - Sport Marketing</b>	<b>3</b>	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.
<b>SPM 3948C - Sport Leadership Practicum</b>	<b>3</b>	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.
<b>SPM 4941 - Sport Leadership Internship</b>	<b>12</b>	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.
<b>PET 3473 - Communication in Sport</b>	<b>3</b>	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.
<b>PET 3474 - Special Topics in Sport</b>	<b>3</b>	This course will provide variable topics in the area of Sport Management.
<b>PET 3493 - Issues in Sport</b>	<b>3</b>	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.
<b>PET 3713 - Special Methods and Curriculum for K-8 and 6-12 Physical Education</b>	<b>3</b>	A study of the methods and procedures used to develop curricula and provide instruction in elementary, middle, and high school physical education programs.
<b>PET 4401 - Administration of Physical Education and Sport</b>	<b>3</b>	A study of the principles and theories in organizing and managing programs in physical education and sport leadership.
<b>PET 4464 - Sport Finance</b>	<b>3</b>	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.
<b>PET 4476 - Sport Law</b>	<b>3</b>	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.
<b>PET 4640 - Adapted Physical Education</b>	<b>2</b>	A study of the principles and techniques used to meet the unique motor and health related fitness needs of individuals with special limitations.
<b>PET 4910 - Directed Individual Study</b>	<b>v. 1 - 3</b>	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.
<b>PET 4945L - Student Teaching</b>	<b>12</b>	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. Fingerprinting and background check required.
<b>Secondary Education</b>		
All 3000-4000 level courses in secondary education require prerequisites EDG 3323 and EDF 4327; or consent of the division chairperson.		
<b>ESE 4905 - Individual Study and Research</b>	<b>v. 1 - 3</b>	Prerequisite: Consent of division chairperson. May be repeated up to 36 credits.
<b>ESE 4943 - Student Internship</b>	<b>v. 1 - 12</b>	Prerequisite: Completion of requirements prescribed in the 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. (Fingerprinting and background check required.)
<b>FLE 4333 - Special Methods: Foreign Languages</b>	<b>4</b>	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 4335 - Special Methods: 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 4330 - Special Methods: Secondary Mathematics** 4  
Prerequisites: Seven math courses with at least one course in calculus. An examination of the instructional methods, materials, and curriculum for teaching secondary level mathematics. Offered fall term only.
- RED 3333 - Reading Methods for Secondary Teachers** 3  
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. Offered spring term only.
- SCE 4330 - Special Methods: Secondary Science** 3  
Prerequisites: Three related courses in biological science or three related courses in physical science, plus one advanced science course to include laboratory. 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.
- SSE 4384 - Special Methods: Social Studies** 4  
Prerequisites: Specific content prerequisites which vary by major. 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.
- Special Education**
- EDG 2000 - Career Planning** 3  
This course involves self-assessment activities (looking at the 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.
- EED 3011 - Nature and 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.
- EED 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.
- EED 4231 - Specialized Curriculum for Emotionally Handicapped Learners** 2  
Prerequisites: EEX 2010 or EEX 3202, and EED 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.
- EED 4243 - Instructional Strategies for Students with Emotional Handicaps** v. 2 - 3  
Prerequisite: EED 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.
- 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 psychomotor characteristics and their functioning within families, schools and society.
- EEX 3250 - Reading Methods for Learners with Exceptionalities** 3  
Pre and corequisites: EEX 3202 or its equivalent, 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 Educational 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 and 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 and Disorders** v. 2 - 3  
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 4200 - 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  
Pre and 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 and 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 and Instruction for Learners with Exceptionalities** 3  
Pre and Corequisites: EEX 3202 or its equivalent, EEX 4221. 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  
Pre and 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 - Educational 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 our 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 prevention 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** v. 3 - 12  
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. (Fingerprinting and background check required.)
- EEX 4905 - Individual Investigation and 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 & 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 - Foundations of Literacy Development Deaf/Hard of Hearing I** 3  
Prerequisites: EHD 4311, EEX 4101 & EHD 4245. Corequisite: EHD 4249. This course is designed to provide students with the 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 entitled "Foundations of Literacy Development of Students Who are Deaf or Hard of Hearing II."
- EHD 4249 - Foundations 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 entitled "Foundations of Literacy Development of Students Who are Deaf or Hard of Hearing I" and include: an understanding of the reading process, the development of reading skills in deaf children, promoting reading in deaf children, reading instruction, integrating the instruction of reading and writing, monitoring the learning process in reading and writing, and literacy development through family involvement.
- EHD 4261 - Audiology and 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 and 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, and SPA 4620. Corequisite: SPA 4614. This course will provide deaf education majors an opportunity to observe deaf and hard of hearing students in classrooms and/or dormitory settings. Deaf education majors will interact with the deaf or hard of hearing students and observe both their culture and use of language. This course will consist of periodic group meetings to process the observations and field experiences.
- 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.

<b>ELD 4230 - Curriculum for Students with Learning Disabilities</b>	<b>2</b>	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.
<b>ELD 4243 - Instructional Strategies for Individuals with Learning Disabilities</b>	<b>v. 2 - 3</b>	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.
<b>EMR 3011 - Survey of Mental Retardation</b>	<b>3</b>	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.
<b>EMR 4222 - Specialized Curriculum for Students Who Are Mentally Handicapped</b>	<b>2</b>	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.
<b>EMR 4362 - Instructional Strategies for Learners Who Are Mentally Handicapped</b>	<b>v. 2 - 3</b>	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.
<b>SPA 3629 - Fingerspelling and Numbering Systems in ASL</b>	<b>3</b>	Prerequisites: SPA 2612 (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.
<b>SPA 3633 - Deaf Culture</b>	<b>3</b>	Prerequisites: SPA 2612 (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.
<b>SPA 4614 - American Sign Language III</b>	<b>3</b>	Prerequisites: SPA 4620 & SPA 4623. 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.
<b>SPA 4615 - American Sign Language IV</b>	<b>3</b>	Prerequisites: SPA 4620, SPA 4623 & SPA 4614. 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.
<b>SPA 2612 - American Sign Language I</b>	<b>3</b>	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.
<b>SPA 2612L - American Sign Language Laboratory I</b>	<b>1</b>	Corequisite: SPA 2612. This laboratory for American Sign Language students is designed to provide supplemental and extended practice in the understanding and use of the language. Taken in conjunction with ASL I, this lab provides the student with fundamental review and application of signs. Course is repeatable a maximum of 2 times.
<b>SPA 2613 - American Sign Language II</b>	<b>3</b>	Prerequisite: SPA 2612. 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.
<b>SPA 2613L - American Sign Language Laboratory II</b>	<b>1</b>	Prerequisites: SPA 2612 and SPA 2612L. Corequisite: SPA 2613. This laboratory for American Sign Language students is designed to provide supplemental and extended practice in the understanding and use of the language. Taken in conjunction with ASL II, this lab provides the student with fundamental review and application of signs. Course is repeatable a maximum of 2 times.
<b>Vocational and Technical Education</b>		
<b>EIA 4360 - Special Methods in Technology Education</b>	<b>3</b>	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.



# Brooks College of Health

**Pamela S. Chally**, Dean  
**Lucy B. Trice**, Associate Dean  
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 and 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 620-2684

**Lillia Loriz**, Associate Professor and Director, School of Nursing and MSN Coordinator  
**Pamela S. Chally**, Professor and Dean, Brooks College of Health  
**John P. McDonough**, Professor and Director, Nurse Anesthesia Track  
**Kathaleen C. Bloom**, Professor, Prelicensure Coordinator  
**Patricia H. Foster**, Associate Professor  
**M. Catherine Hough**, Associate Professor  
**Jan Meires**, Associate Professor  
**Doreen Radjenovic**, Associate Professor  
**Katherine Robinson**, Associate Professor  
**Lucy B. Trice**, Associate Professor and Associate Dean, Brooks College of Health  
**Irma B. Ancheta**, Assistant Professor  
**Barbara Kruger**, Assistant Professor  
**Barbara Olinzock**, Assistant Professor  
**Connie Roush**, Assistant Professor  
**Susan McMarlin**, Visiting Assistant Professor  
**William D. Ahrens**, Instructor  
**Michele Bednarzyk**, Instructor  
**Judy Comeaux**, Instructor  
**Linda Connelly**, Instructor and Accelerated BSN Coordinator  
**Mary Helen Elliott**, Instructor  
**Peggy L. Hoff**, Instructor  
**Julie Baker-Townsend**, Visiting Instructor  
**Jane Sander**, Visiting Instructor  
**Kristen Vandenberg**, Visiting Instructor

**Debra Wagner**, Instructor and RN-BSN Coordinator  
**Jurgen Osterbrink**, Clinical Professor  
**Barbara Fletcher**, Clinical Associate Professor  
**Nichola Kalynyeh**, Clinical Assistant Professor  
**Linda Smith**, Clinical Assistant Professor  
**Mark Welliver**, Clinical Assistant Professor  
**Charlene Williams**, Clinical Assistant Professor  
**Nancy Burk**, Clinical Instructor  
**Tammy Carroll**, Clinical Instructor  
**Corrine Hodak**, Clinical Instructor  
**Mimi Holman**, Clinical Instructor  
**Susan Leger-Krall**, Clinical Instructor  
**Jonathan Pabalate**, Clinical Instructor  
**Nancy Pitruzello**, Clinical Instructor  
**Jeffery Spencer**, Clinical Instructor  
**Dawn Welliver**, Clinical Instructor

### 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 BSN track) with a prior degree (Accelerated Prelicensure BSN track), as well as those from associate degree and hospital diploma programs (RN-BSN track). The application deadline for the Traditional Prelicensure BSN track is January 15 for the May class and March 15 for the August class. The application deadline for the Accelerated Prelicensure track is January 15 for the May class. Students in all tracks must meet the general requirements of the University relative to semester hours (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 BSN tracks. Students should be aware that because admission to the Prelicensure BSN tracks is very competitive, completion of minimum requirements does not guarantee admission. Applicants to these tracks 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 RN-BSN track for 30 semester hours 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 RN-BSN track may request exemption from the ACE II examination requirement by submitting to the RN-BSN Coordinator one of the following:

1. documentation of successful completion of the NCLEX within two years immediately prior to acceptance and enrollment in the RN-BSN track;
- 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 RN-BSN track.

Forms requesting exemption from the ACE II examination may be obtained from the RN-BSN 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.

## RN-BSN Curriculum Plan

Registered Nurse students majoring in nursing at UNF must maintain an active license as an RN 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

### Track: Nursing-RN

### Degree: Bachelor Of Sci In Nursing

#### Prerequisites

(31 SEMESTER HOURS)

Grade of C or higher required

SYG 2000 3.0 Intro To Sociology

Any intro to sociology may be substituted for SYG 2000.

PSY 2012 3.0 Intro To Psy

Any general psychology may be substituted for PSY 2012.

STA 2014 3.0 G(M) Elem Sta-hlth/Ss

Any statistic course may be substituted for STA 2014.

HUN 2201 3.0 Basic Prin Humn Nutn

NUR 1191 or any human nutrition course may be substituted for HUN 2201.

MCB 2010 C 4.0 Microbiology

MCB x010C or any MCB with lab may be substituted for MCB 2010C.

BSC 2085 C 4.0 Anatomy/Physiology I

Or any human anatomy physiology I or human anatomy.

BSC 2086 C 4.0 Anat/Physiology II

Or any human anatomy physiology II or human anatomy.

#### Developmental Psychology

DEP 3054 3.0 Lifespan Dev Psych

Any human growth & development across life span may substitute

CHM 2045 C 4.0 Gen Chemistry I

Or any comprehensive college general chemistry, but not lower level principles courses (e.g. CHM 1025)

CHM

Nursing students may take microbiology without general chemistry II only if general biology and general chemistry I have been taken with passing grades.

## Major Requirements (61 SEMESTER HOURS)

\* nursing validation credits (up to 30 sem hrs)

NUR 3619 4.0 Family/Comm Assess

NUR 3065 L 3.0 Health Assessment

NUR 4827 3.0 Lead/Manage In Nurs

NUR 3082 C 4.0 Tran Conc & Practice

NUR 3166 1.0 Nursing Science I

NUR 3167 2.0 Nursing Science II

NUR 4168 1.0 Nursing Science III

NUR 4826 2.0 Nursing Ethics

NUR 4636 C 5.0 Comm Partners/Pract

NUR 4945 C 6.0 Prof Nur Integration

## Free Electives

(3000 - 4000 LEVEL)

(03 SEMESTER HOURS)

## Total upper division credits

(64 semester hours)

- \* an approved 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 concurrent enrollment in their last semester.
- \* any grade of less than a "C" in a required school of nursing course will be considered a failing grade.
- \* only two nursing courses in which a student received a grade of less than a "C", "P", or "WP" may be repeated prior to dismissal from the program.
- \* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
- \* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.
- \* students must return to the COH advising office to update their program of study and retrieve an "RN to BSN curriculum transition packet." Packets must be completed by the fourth week of the semester prior to registering for nursing curriculum (nur coursework).
- \* students must meet with the RN-BSN coordinator the semester prior to registering in nursing curriculum (nur coursework) to discuss course availability and scheduling information.
- \* a minimum 2.9 (all college cumulative gpa) is required for admission and enrollment in the RN-BSN track.

**Because all courses are not offered every semester, students should develop a program of study during their first semester. Students who have "stopped-out" for one or more semesters will need to negotiate their programs of study during their first semester of re-enrollment.**

## Pre-licensure BSN 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

### Track: Pre-licensure

### Degree: Bachelor of Science in Nursing

#### Prerequisites (31 SEMESTER HOURS)

Grade of C or higher required

SYG 2000	3.0	Intro To Sociology
Any intro to sociology may be substituted for SYG 2000		
PSY 2012	3.0	Intro To Psy
Any general psychology may be substituted for PSY 2012		
STA 2014	3.0	G(M) Elem Sta-Hlth/Ss
Any statistics course may be substituted for STA 2014		
HUN 2201	3.0	Basic Prin Humn Nutn
NUR 1192 or any human nutrition course may be substituted for HUN 2201		
MCB 2010 C	4.0	Microbiology
MCB x010C or any MCB with lab may be substituted for MCB 2010C		
BSC 2085 C	4.0	Anatomy/Physiology I
Or any human anatomy physiology I or human anatomy		
BSC 2086 C	4.0	Anat/Physiology II
Or any human anatomy physiology II or human physiology		

#### Developmental Psychology

DEP 3054	3.0	Lifespan Dev Psych
Any human growth & development across life span may substitute		

#### One Chemistry With Lab

CHM 2045 C	4.0	Gen Chemistry I
Or any comprehensive college general chemistry, but not lower level principles courses (e.g. CHM 1025)		
CHM		

Nursing students may take microbiology without general chemistry II only if general biology and general chemistry I have been taken with passing grades

#### Major Requirements (64 SEMESTER HOURS)

##### First semester (13 semester hours)

NUR 3065 L	3.0	Health Assessment
NUR 3119	2.0	Socialization
NUR 3619	4.0	Family/Comm Assess
NUR 3166	1.0	Nursing Science I
NUR 3026 L	1.0	Nurs Therapeutics I
NUR 3118 L	2.0	Clin Nurs Practice

##### Second semester (13 semester hours)

NUR 3535 C	8.0	Psy/Rehab Nrs Cpt/Pr
NUR 3128	4.0	Patho/Pharm
NUR 3027 L	1.0	Nurs Therapeutics II

##### Third semester (13 semester hours)

NUR 3167	2.0	Nursing Science II
NUR 3255 C	9.0	Adul Hlth Nur Cpt/Pr
NUR 4826	2.0	Nursing Ethics

##### Fourth semester (13 semester hours)

NUR 4827	3.0	Lead/Manage In Nurs
NUR 4465 C	7.0	Wom Hlth/Ped Nur Cpt/Pr
Select 3 semester hour elective (3000/4000 level with NUR or HSC prefix)		
NUR/HSC		

##### Fifth semester (12 semester hours)

NUR 4168	1.0	Nursing Science III
NUR 4636 C	5.0	Comm Partners/Pract
NUR 4945 C	6.0	Prof Nur Integration

- \* an approved 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 concurrent enrollment in their last semester.
- \* any grade of less than a "C" in a required School of Nursing course will be considered a failing grade.
- \* only two nursing courses in which a student received a grade of less than a "C", "P", or "WP" may be repeated prior to dismissal from the program.
- \* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
- \* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.
- \* effective Fall 05, you will register for classes through the My Wings portal on the main UNF site at [www.unf.edu](http://www.unf.edu).

## Accelerated Pre-licensure BSN Curriculum Plan

This is a track designed for those already holding a baccalaureate in another field and desiring a career in nursing. The Accelerated BSN Track is concentrated, and can be completed in 3.5 consecutive semesters of full-time study, beginning with the summer term. Admission requirements for this track 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

### Track: Prelicensure Accelerated Nursing

### Degree: Bachelor Of Sci In Nursing

#### Prerequisites (31 SEMESTER HOURS)

Grade of C or higher required

SYG 2000	3.0	Intro To Sociology
Any intro to sociology may be substituted for SYG 2000		
PSY 2012	3.0	Intro To Psy
Any general psychology may be substituted for psy 2012		
STA 2014	3.0	G(M) Elem Sta-hlth/Ss
Any statistics course may be substituted for sta 2014		
HUN 2201	3.0	Basic Prin Humn Nutn
Nur 1192 or any human nutrition course may be substituted for HUN 2201		
MCB 2010 C	4.0	Microbiology



MCB x010c or any MCB with lab may be substituted for MCB 2013c

BSC 2085 C 4.0 Anatomy/Physiology I

Or any human anatomy physiology I or human anatomy

BSC 2086 C 4.0 Anat/Physiology II

Or any human anatomy physiology II or human physiology

#### Developmental Psychology

DEP 3054 3.0 Lifespan Dev Psych

Any human growth & development across life span may substitute

#### One Chemistry With Lab

CHM 2045 C 4.0 Gen Chemistry I

Or any comprehensive college general chemistry, but not lower level principles courses (e.g. CHM 1025)

CHM

Nursing students may take microbiology without general chemistry II only if general biology and general chemistry I have been taken with passing grades

### Major Requirements (51 SEMESTER HOURS)

First semester: Summer (15 semester hours)

NUR 3065 L 3.0 Health Assessment

NUR 3619 4.0 Family/Comm Assess

NUR 3066 L 2.0 Clin Practicum I

NUR 3028 L 2.0 Nurs Competencies

NUR 3816 4.0 Prof Nurs Concepts

Second semester: Fall (18 semester hours)

NUR 3536 4.0 Psych/Rehab Nurs

NUR 3225 4.0 Adult Hlth Nursng

NUR 3128 4.0 Patho/Pharm

NUR 3235 L 6.0 Clin Practicum II

Third semester: Spring (13 semester hours)

NUR 3167 2.0 Nursing Science II

NUR 4465 2.0 Women/Peds Nurs

NUR 4636 3.0 Community Partners

NUR 4828 2.0 Role Transition

NUR 4466 L 4.0 Clin Practicum III

Fourth semester: Summer A (5 semester hours)

NUR 4168 1.0 Nursing Science III

NUR 4945 L 4.0 Dir Clinical Study

\* an approved 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 concurrent enrollment in their last semester.

\* any grade of less than a "C" in a required school of nursing course will be considered a failing grade.

\* only two nursing courses in which a student received a grade of less than a "C", "p", or "WP" may be repeated prior to dismissal from the program.

\* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.

\* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.

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, 4567 St. Johns Bluff Road, South, Jacksonville, Florida 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 620-2840

**Judy E. Perkin**, Chair and Professor

**Joan Farrell**, Professor

**Cynthia Nyquist-Battie**, Professor

**Jeanne Patterson**, Professor

**Judith C. Rodriguez**, Professor

**Catherine Christie**, Associate Professor

**Kerry L. Clark**, Associate Professor

**Michele J. Moore**, Associate Professor

**JoAnn Nolin**, Associate Professor

**Cynthia Scott**, Associate Professor

**Sharon T. Wilburn**, Associate Professor

**Nancy Correa-Matos**, Assistant Professor

**Donald (Rob) Haley**, Assistant Professor

**Jeffrey Harrison**, Assistant Professor

**Elissa Howard-Barr**, Assistant Professor

**Peter Magyari**, Assistant Professor

**Reid Oetjen**, Assistant Professor

**Julia Watkins**, Assistant Professor

**Sally Weerts**, Assistant Professor

**Mei Zhao**, Assistant Professor

**Jacueline Shank**, Instructor

**David Courtwright**, Professor (Joint Appointment with COAS)

**Gerald Colvin**, Assistant Professor

**Aaron Hilliard**, Clinical Professor (Courtesy Appointment with Duval County Health Department)

**Edward A. Johnson**, Professor (Collaborative Appointment with CCOB)

**Jeffrey E. Michelman**, Associate Professor (Collaborative Appointment with CCOB)

**Steven K. Paulson**, Professor (Collaborative Appointment with CCOB)

**Theodore J. Stumm**, Associate Professor (Collaborative Appointment with COAS)

**Donald Hutton**, Executive-in-Residence

**Bachelor's Degree Programs** The Department of Public Health offers programs culminating in a Bachelor of Science in Health (B.S.H.) degree and a Bachelor of Health Administration (B.H.A.) degree. 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, Health Administration and Nutrition. The Community Health track offers minors in Exercise Science, and Health Education.

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 B.H.A. degree offers students the opportunity to focus on administration and management of healthcare organizations. Graduates find employment in hospitals, nursing homes, health agencies, insurance companies, medical group practices and other health related organizations.

The primary goal of the undergraduate program 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 Florida Board of Education and the University of North Florida. It is recommended that core courses in the minor areas of study be taken before progression to the contextual 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 tracks of study are as follows:

**Major: Health Science**  
**Track: Community Health**  
**Degree: Bachelor Of Science In Health**

**Prerequisites (28 SEMESTER HOURS)**

PSY 2012	3.0	Intro To Psy
MAC 1105	3.0	G(M) College Algebra
CHM 2045 C	4.0	Gen Chemistry I
MCB 2010 C	4.0	Microbiology Or MCB With Lab
MCB		
BSC 2085 C	4.0	Anatomy/Physiology I
BSC 2086 C	4.0	Anat/Physiology II Or any anatomy and physiology w/lab courses

**Statistics**

STA 2014	3.0	G(M) Elem Sta-hlth/Ss Or STA
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**Select One Computer Course**

CGS 1100	3.0	Cmptr App For Bus
CGS 1570	3.0	Microcmptr App Softw Or CGS

**Requisites (03 SEMESTER HOURS)**

HSC 2100	3.0	Persnl Hlth: Iss/Prob
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**Core Requirements (12 SEMESTER HOURS)**

HSC 3500	3.0	Epidemiology
HSC 4730	3.0	Found: Hlth Sce Rsrch
HSA 4553	3.0	Hlth Law And Ethics
HSC 3551	3.0	Dis Prevtn Invtm & Trt

**Major Requirements (18 SEMESTER HOURS)**

HSC 3032	3.0	Found Of Hlth Edu
HSC 3713	3.0	Plan & Eval Programs
HSC 3304	3.0	Instruc Mths Hlth Ed
HSC 4800	3.0	Pre-intern Comm Hs

HSC 4800 "pre-internship in community health services" must be completed the semester prior to HSC 4814 community service internship

\*\* HSC 4814 must be completed during the student's last academic semester. All general ed, foreign language, prerequisites/requisites, core, major and minor requirements must be completed with a "C" grade or higher prior to internship. Only elective courses may be completed with internship. Students must petition to take a course with internship. Students must meet exemption for, or passed all sections of the CLAST exam prior to internship. A minimum 2.0 UNF GPA is required prior to internship. It is the student's responsibility to contact the internship supervisor at least one semester prior to registering for internship.

**Internship (6 Hours)**

HSC 4814	1-9	Comm Service Intern
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**Required Minor (18 SEMESTER HOURS)**

Students will choose from the health education Or exercise science minor. The minor in exercise science is 21 Semester hours.

**Electives (3000 - 4000 LEVEL) (12 SEMESTER HOURS)**

Select Four Courses

HSA/HSC

Students completing the exercise science minor only need 9 semester hours of (3000/4000 level) HSC/HSA electives (3 courses). The minor in exercise science is 21 semester hours, resulting in one less health science elective.

- \* students should refer to the university catalog for pre-requisites to individual courses.
- \* a student may receive credit for a course only once, however the GPA will reflect all repeated courses.
- \* a grade of "C" or higher required in all course work.
- \* an approved petition and concurrent enrollment form is required prior to registering for courses at another institution.
- \* students are advised not to request concurrent enrollment at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment their last semester.
- \* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
- \* students are encouraged to meet periodically with an advisor during their enrollment at UNF. Students are strongly encouraged to meet with an advisor the semester prior to graduation.
- \* students must complete a minimum of 120 total semester hours for graduation (48 semester hours minimum at the upper level 3000/4000 level)
- \* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.
- \* students completing a health administration or community health internship must meet with an advisor at least one term prior to registering for internship to verify their academic eligibility status.
- \* program prerequisites must be completed by the second semester of your junior year at UNF.
- \* new minor option in professional education available through the college of education and human services. See COH advisor and university catalog for details.
- \* all general ed, foreign language, prerequisites/requisites, core, major & minor requirements must be completed with a "C" grade or better prior to internship. Only elective courses may be completed with internship. Students must petition to take a course with internship.

**Minor: Aging/Adult Studies Minor****Minor Requirements (18 SEMESTER HOURS)**

HSC 4563	3.0	Dimens: Hlth Oldr Adu
DEP 4464	3.0	Psychology Of Aging
HSA 3210	3.0	Long Term Care Admin
HSA 4939	3.0	Seminar Lng Trm Admn
DEP 4482	3.0	Death And Dying
SYP 4730	3.0	Sociology Of Aging
HSA 3564 "Aging in America" is an approved substitution for SYP 4730 "Sociology of Aging"		

**Minor: Exercise Science Minor****Minor Requirements (21 SEMESTER HOURS)**

PET 3312 C	3.0	Biomechanics
PET 3080	3.0	Physcl Actvy & Heath
HSC 4612	3.0	Ex Phy For Hlth Sci
HSC 4615 L	3.0	Exrcs Physio Hea Sci
HUN 4414	3.0	Sports Nutrition
PET 4550	3.0	Phy Fitn Assess & Ep
PEP 4135	3.0	Prin Strgrth/Condtion

**Minor: Health Education Minor****Minor Requirements (18 SEMESTER HOURS)**

PET 3080	3.0	Physcl Actvy & Heath
HSC 4563	3.0	Dimens: Hlth Oldr Adu
HSC 4134	3.0	Mental & Emotal Hlth
HSC 4133	3.0	Sexuality Education
HSC 4572	3.0	Nutrition/Health
HSC 4150	3.0	Sub Abuse & Vil Prev

**Major: Health Administration****Degree: Bachelor Of Health Administration****Prerequisites (32 SEMESTER HOURS)**

Grade Of C Or Better Required

ACG 2021	3.0	Prin Financial Acc
ACG 2071	3.0	Prin Managerial Acc
ECO 2013	3.0	Princ Macroeconomics
ECO 2023	3.0	Princ Microeconomics
MAC 1105	3.0	G(M) College Algebra
PSY 2012	3.0	Intro To Psy
CHM 2045 C	4.0	Gen Chemistry I
BSC 1010 C	4.0	General Biology I

Or  
BSC

Select A Statistics Course

STA 2014	3.0	G(M) Elem Sta-hlth/Ss
Or		
STA		

Select One Computer Course

CGS 1100	3.0	Cmptr App For Bus
CGS 1570	3.0	Microcmpr App Softw
Or		
CGS		

**Major Requirements****(48 SEMESTER HOURS)**

HSC 3500	3.0	Epidemiology
HSA 4111	3.0	U.S. Health Care Sys
HSA 3100	3.0	Intro Health Admin
MAN 3025	3.0	Adminis Management
HSA 4553	3.0	Hlth Law And Ethics
HSA 3109	3.0	Foundations Man Care
HSA 3160	3.0	Health Care Markting
HSA 3191	3.0	Hlth Info Systems I
HSA 3210	3.0	Long Term Care Admin
HSA 4170	3.0	Health Care Finance
HSA 3383	3.0	Quality Mgmt Hlth
HSA 3120	3.0	Consumer Iss Healthc
HSA 4151	3.0	Intro Health Policy
MAN 4301	3.0	Human Resource Mgmt
Man 3025 is a prerequisite to man 4301		

\*Internship Options

Select one:

HSA 4850	6.0	Hlth Adm Internship
HSA 4941	9.0	Ltc Internship
HSA 4970	6.0	Senior Project

All program prerequisites must be completed prior to internship.

Students planning to apply for the long term care internship must complete HSA 4939 and hsc 4563 in the elective category below prior to the start of the internship. LTC internships require approval of program director and facility administrator.

HSA 4970 "senior project" option is available for students with significant administrative or management experience in the health field. Program director approval is required.

**Electives (12 SEMESTER HOURS)**

If completing 9 hour "long term care administration internship," take only 9 hours of electives (total 3 courses)

Select 4 Courses

HSA 4939	3.0	Aging Policy Politics
HSC 4563	3.0	Dimens: Hlth Oldr Adu
HSA 3564	3.0	Aging In America
HSA 3141	3.0	Health Planning
HSA 4938	3.0	Seminar Managed Care
HSC 3551	3.0	Dis Prevtn Invtm & Trt
HSC 4150	3.0	Sub Abuse & Vil Prev
HSC 4572	3.0	Nutrition/Health
POS 4167	3.0	Urban Policy/Plan
POS 4233	3.0	Publ Opin Intrt Grop
HSA 3710	3.0	Hlth System Analysis
HSC 3523	3.0	His: Medicine/Disease
HSC 4653	3.0	Healthcare Ethics
HSA 4905	3.0	Independent Study

- \* students should refer to the university catalog for pre-requisites to individual courses.
- \* a student may receive credit for a course only once, however the GPA will reflect all repeated courses.
- \* a grade of "C" or higher required in all course work.
- \* an approved petition and concurrent enrollment form is required prior to registering for courses at another institution.
- \* students are advised not to request concurrent enrollment at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment their last semester.
- \* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
- \* students are encouraged to meet periodically with an advisor during their enrollment at UNF. Students are strongly encouraged to meet with an advisor the semester prior to graduation.
- \* students must complete a minimum of 120 total semester hours for graduation (48 semester hours minimum at the upper level 3000/4000 level)
- \* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.
- \* students completing a health administration or community health internship must meet with an advisor at least one term prior to registering for internship to verify their academic eligibility status.
- \* program prerequisites must be completed by the second semester of your junior year at UNF.

**Major: Health Science  
Track: Nutrition  
Degree: Bachelor Of Science In Health**

**Prerequisites (40 semester hours)**

Grade of C or better required

MAC 1105	3.0	G(M) College Algebra
STA 2014	3.0	G(M) Elem Sta-hlth/Ss
POS 2041	3.0	Intro American Gov
ECO 2023	3.0	Princ Microeconomics
ACG 2021	3.0	Prin Financial Acc
FSS 1202	2.0	Food Production
FSS 1202 L	1.0	Food Production Lab
HUN 2201	3.0	Basic Prin Humn Nutn
CHM 2045 C	4.0	Gen Chemistry I
BSC 1010 C	4.0	General Biology I
Nur 1192 may be substituted for HUN 2201		
BSC 2085 C	4.0	Anatomy/Physiology I
BSC 2086 C	4.0	Anat/Physiology II
Or any human anatomy and physiology I and II courses		

Select 1 Computer Course

The college recommends CGS 1570

CGS 1570	3.0	Microcmpr App Softw
Or		
CGS		

**Core Requirements (09 SEMESTER HOURS)**

HSA 4111	3.0	U.S. Health Care Sys
HSA 4553	3.0	Hlth Law And Ethics
HSC 4730	3.0	Found: Hlth Sce Rsrch

**Major Requirements (49 SEMESTER HOURS)**

BCH 3023 C	4.0	Bioorganic Chemistry
HUN 3601	3.0	Nutrition Education
SOP 3004	3.0	Social Psychology
HUN 3403	3.0	Life Span Nutrition
HUN 4221	3.0	Sci Of Nutrition
DIE 3310	3.0	Community Nutrition
MCB 2010 C	4.0	Microbiology
FOS 4041	3.0	Food Science/Compstn
FOS 4041 L	1.0	Food Science Lab
HSA 3100	3.0	Intro Health Admin
DIE 3213	3.0	Nutrition Therapy I
DIE 4122	3.0	Mgmt Food/Nutri I
FSS 4230	2.0	Qty Food Prep
FSS 4230 L	1.0	Field Exp-Qty Prep
DIE 3246	3.0	Nutrition Therapy II
DIE 4125	3.0	Mgt Food/Nutr Ser II
DIE 4123	1.0	Qual Cont: Food/Nutrn
HSA 3160	3.0	Health Care Markting

**Free Electives (01 SEMESTER HOURS)**

- \* students should refer to the university catalog for prerequisites to individual courses.
- \* a student may receive credit for a course only once, however the GPA will reflect all repeated courses.

- \* a grade of "C" or higher required in all course work.
- \* an approved petition and concurrent enrollment form is required prior to registering for courses at another institution.
- \* students are advised not to request concurrent enrollment at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment their last semester.
- \* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
- \* students are encouraged to meet periodically with an advisor during their enrollment at UNF. Students are strongly encouraged to meet with an advisor the semester prior to graduation.
- \* students must complete a minimum of 120 total semester hours for graduation (48 semester hours minimum at the upper level 3000/4000 level)
- \* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.
- \* students must follow the nutrition course sequencing guide to avoid delaying graduation.
- \* 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.

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 postbaccalaureate 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, Illinois 60606, phone: (312) 899-0040 ext. 5400 or 4872.

**Major: Health Science**  
**Track: Healthcare Leadership**  
**Degree: Bachelor Of Science In Health**

**Prerequisite**

The prerequisite for enrolling in the Healthcare Leadership Track of the BSH is completion of one of the Associate in Science degrees listed below from a Florida community college: Biotechnology Laboratory Technician, Cardiovascular/Cardiopulmonary Technology, Culinary Management, Dental Hygiene, Dental Laboratory Technology and Management, Diagnostic Medical Sonography Technology, Dietetic Technician, Emergency Medical Services, Funeral Services, Health Information Management, Health Services Technology, Histologic Technology, Human Services, Medical Laboratory Technology, Nuclear Medicine Technology, Occupational Therapy Assistant, Optician, Physical Therapy Assistant, Radiation Protection Technology, Radiation Therapy, Radiography, Respiratory Care, Veterinary Technology, or Vision Care Technology

**General Education Deficiencies**  
**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Six semester hours of general education requirements must be completed at UNF at the upper division (3000/4000) level. UNF concurrent enrollment policy will apply once students are in the BSH program.

**Major Requirements (27 SEMESTER HOURS)**

HSC 3500	3.0	Epidemiology
HSC 4730	3.0	Found: Hlth Sce Rsrch
HSA 4553	3.0	Hlth Law And Ethics
HSA 3100	3.0	Intro Health Admin
HSA 3109	3.0	Foundations Man Care
HSA 4111	3.0	U.S. Health Care Sys
HSA 3210	3.0	Long Term Care Admin
HSA 4939	3.0	Seminar Lng Trm Admn
HSA 3383	3.0	Quality Mgmt Hlth

**Electives (15 SEMESTER HOURS)**

**Select Five Courses**

HSA 3160	3.0	Health Care Markting
HSA 3191	3.0	Hlth Info Systems I
HSC 4563	3.0	Dimens: Hlth Oldr Adu
HSC 3713	3.0	Plan & Eval Programs
HSC 3304	3.0	Instruc Mths Hlth Ed
HSC 4653	3.0	Healthcare Ethics
HSC 4150	3.0	Sub Abuse & Vil Prev
HSC 3551	3.0	Dis Prevtn Invtm & Trt
HSC 4572	3.0	Nutrition/Health
PET 3080	3.0	Physcl Actvy & Heath
HSC 4133	3.0	Sexuality Education

**Free Electives (12 SEMESTER HOURS)**

- \* students should refer to the university catalog for prerequisites to individual courses.
- \* a student may receive credit for a course only once, however the GPA will reflect all repeated courses.
- \* a grade of "C" or higher required in all course work.
- \* an approved petition and concurrent enrollment form is required prior to registering for courses at another institution.
- \* students are advised not to request concurrent enrollment at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment their last semester.
- \* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
- \* students are encouraged to meet periodically with an advisor during their enrollment at UNF. Students are strongly encouraged to meet with an advisor the semester prior to graduation.
- \* students must complete a minimum of 120 total semester hours for graduation (48 semester hours minimum at the upper level 3000/4000 level)
- \* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.

**Major: Health Science**  
**Track: Professional Health Studies**  
**Degree: Bachelor Of Science In Health**

**Prerequisite**

The prerequisite for enrolling in the Professional Health Studies Track of the BSH is completion of one of the Associate in Science Degrees listed below from a Florida community college: Biotechnology Laboratory Technician, Cardiovascular/Cardiopulmonary Technology, Culinary Management, Dental Hygiene, Dental Laboratory Technology and Management, Diagnostic Medical Sonography Technology, Dietetic Technician, Emergency Medical Services, Funeral Services, Health Information Management,

Health Services Technology, Histologic Technology, Human Services, Medical Laboratory Technology, Nuclear Medicine Technology, Occupational Therapy Assistant, Optician, Physical Therapy Assistant, Radiation Protection Technology, Radiation Therapy, Radiography, Respiratory Care, Veterinary Technology, or Vision Care Technology

**General Education Deficiencies**  
**(3000 - 4000 LEVEL) (06 SEMESTER HOURS)**

Six semester hours of general education requirements must be completed at UNF at the upper division (3000/4000) level. UNF concurrent enrollment policy will apply once students are in the BSH program.

**Major Requirements (21 SEMESTER HOURS)**

HSC 3500	3.0	Epidemiology
HSC 4730	3.0	Found: Hlth Sce Rsrch
HSA 4553	3.0	Hlth Law And Ethics
HSC 3551	3.0	Dis Prevtn Invtm & Trt
HSC 3032	3.0	Found Of Hlth Edu
HSC 3713	3.0	Plan & Eval Programs
HSC 3304	3.0	Instruc Mths Hlth Ed

**Electives (21 SEMESTER HOURS)**

Select Seven Courses

HSA 3100	3.0	Intro Health Admin
HSA 3109	3.0	Foundations Man Care
HSA 4111	3.0	U.S. Health Care Sys
HSA 3191	3.0	Hlth Info Systems I
HSA 3210	3.0	Long Term Care Admin
HSA 4939	3.0	Seminar Lng Trm Admn
HSC 4150	3.0	Sub Abuse & Vil Prev
HSC 4563	3.0	Dimens: Hlth Oldr Adu
HSC 4653	3.0	Healthcare Ethics
HSC 4572	3.0	Nutrition/Health
HSC 4134	3.0	Mental & Emotal Hlth
HSC 4133	3.0	Sexuality Education
PET 3080	3.0	Physcl Actvy & Heath

**Free Electives (12 SEMESTER HOURS)**

- \* students should refer to the university catalog for prerequisites to individual courses.
- \* a student may receive credit for a course only once, however the GPA will reflect all repeated courses.
- \* a grade of "C" or higher required in all course work.
- \* an approved petition and concurrent enrollment form is required prior to registering for courses at another institution.
- \* students are advised not to request concurrent enrollment at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment their last semester.
- \* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
- \* students are encouraged to meet periodically with an advisor during their enrollment at UNF. Students are strongly encouraged to meet with an advisor the semester prior to graduation.
- \* students must complete a minimum of 120 total semester hours for graduation (48 semester hours minimum at the upper level 3000/4000 level)
- \* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.

**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**

Minor Requirements (15 SEMESTER HOURS)

HSC 3500	3.0	Epidemiology
HSA 4111	3.0	U.S. Health Care Sys
Select Three Courses	(3000 - 4000 LEVEL)	
HSC/HSA/PET/PEM/DIE/HUN		

Select three 3000/4000 level department of public health courses related to his/her individual interest area in consultation with an academic advisor. Refer to university catalog for prerequisites to individual department of public health course work.

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 and Physical Therapy 620-2841**

- A. Russell Smith**, Chair and Associate Professor
- Joel W. Beam**, Associate Professor
- John P. Cummings**, Associate Professor
- Christopher J. Joyce**, Associate Professor
- Ann C. Noonan**, Associate Professor
- Rose Marie Rine**, Associate Professor
- Bernadette Buckley**, Assistant Professor
- W. Allen Moore, Jr.**, Assistant Professor
- Charles A. Thigpen**, Assistant Professor
- Sharon Borhrres**, Instructor
- Dawn M. Saracino**, Instructor

**Athletic Training Education Program**

The Department of Athletic Training and Physical Therapy offers a program leading to the Bachelor of Science (BS) with a major 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, 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 and 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 with a major in Athletic Training**

**Prerequisites (29 SEMESTER HOURS)**

BSC 1010 C	4.0	General Biology I
CHM 2045 C	4.0	Gen Chemistry I
PHY 2053	3.0	Algebra Physics I
PHY 2053 L	1.0	Algebr Physics I Lab
BSC 2085 C	4.0	Anatomy/Physiology I
BSC 2086 C	4.0	Anat/Physiology II
PSY 2012	3.0	Intro To Psy
HUN 2201	3.0	Basic Prin Humn Nutn

Select one statistics course

STA 2023	3.0	G(M) Elem Stats-bus
Or		

STA 2014	3.0	G(M) Elem Sta-hlth/Ss
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Sta 2122 is an acceptable substitute for sta 2023 or STA 2014

**Foundation (02 SEMESTER HOURS)**

HSC 2400 2.0 First Aid Emerg Care  
 HSC 2400 First Aid and Emergency Care is a recommended prerequisite, but is not required for admission into the AT program. Admitted AT students must, however, hold current certification in CPR, First Aid, and blood borne pathogens.

**Major Requirements (60 SEMESTER HOURS)**

PET 3603 C	3.0	Intro Sports Med
PET 3620	3.0	Intro Ath Injuries
PET 3312 C	3.0	Biomechanics
HSC 4612	3.0	Ex Phy For Hlth Sci
PET 3670	3.0	Ath Tr Clin Inst I
PET 3621 C	3.0	Orthop Tape & Brace
PET 4632 C	3.0	Therapeutic Modalits
PET 3624 C	3.0	Emer Mgmt Ath Trauma
HUN 4414	3.0	Sports Nutrition
PET 3321	3.0	Gross Anat Ath Tr
PET 3671	3.0	Ath Tr Clin Inst II
PET 4633 C	3.0	Ortho Inj Assess I
PET 4XXX	3.0	Research Sports Medicine
PET 4634 C	3.0	Ortho Inj Assess II
PET 3660	3.0	Ath Trng Admin
PET 4630 C	3.0	Therapeutic Exercise
PET 4940	3.0	Clin Pract Ath Tr I
PET 4623	3.0	Rehab Ath Injury
PET 4933	3.0	Seminar Ath Training
PET 4947 C	3.0	Clin Pract Ath Tr II

- \* students should refer to the university catalog for pre-requisites to individual courses.
- \* a student may receive credit for a course only once, however the GPA will reflect all repeated courses.
- \* a grade of "C" or higher required in all course work.
- \* an approved petition and concurrent enrollment form is required prior to registering for courses at another institution.
- \* students are advised not to request concurrent enrollment at another institution during their last semester at UNF. Graduation will most likely be delayed for students who do attempt concurrent enrollment their last semester.
- \* third attempts of the same course at UNF will incur a substantial charge per credit hour. See the UNF catalog for more information.
- \* students are encouraged to meet periodically with an advisor during their enrollment at UNF. Students are strongly encouraged to meet with an advisor the semester prior to graduation.
- \* students must complete a minimum of 120 total semester hours for graduation (48 semester hours minimum at the upper level 3000/4000 level)
- \* students must apply for graduation in the records office, or online by the fourth week of the semester graduating.
- \* consult the Athletic Training Program Director of intention to withdraw from the Program, and prior to any official change of major.



# Brooks College of Health Course Descriptions

## School of Nursing

### NGR 5931 - Special Topics in Nursing

Post baccalaureate seminar on various topics.

### NUR 2930 - Special Topics in Nursing

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. Grading is on a pass/fail basis.

### NUR 3027L - Nursing Therapeutics II

1

Prerequisite: NUR 3026L. Corequisites: 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. Grading is on a pass/fail basis.

### NUR 3028L - Nursing Competencies

2

Prerequisite: Admission to the Accelerated Option in the Prelicensure Nursing Track. Corequisites: NUR 3065L, NUR 3066L, NUR 3618, NUR 3619, and 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 or indirect nursing care for patients across the lifespan.

### NUR 3065L - Health Assessment of Individuals

#### Across the Lifespan

3

Prelicensure Students: Prerequisite: Admission to the nursing program. Corequisites: NUR 3119, NUR 3618, NUR 3619, NUR 3166, NUR 3026L, NUR 3118L. RN-BSN Students: Pre/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

3 Prerequisite: Admission into the Accelerated Option of the Prelicensure Nursing Track. Corequisites: NUR 3065L, NUR 3618, NUR 3619, NUR 3028L, and NUR 3816 This is the first clinical course for nursing students in the accelerated option in the pre-licensure baccalaureate nursing track. 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.

### NUR 3082C - Transition Concepts and Practice

4

Prerequisites: NUR 3065L, NUR 3166, and NUR 3619. This is the second course 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. (*A laboratory fee of \$15 assessed.*)

### 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 3255L, 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 3225L - Adult Health Nursing Practice** 5  
Prerequisite: NUR 3536L. Corequisites: NUR 3255, NUR 3027L, NUR 3167. This is the third clinical course for pre-licensure baccalaureate nursing students. In this course the learner will use the nursing process to promote the adaptation of adults who are experiencing an illness or condition requiring hospitalization. The learner will participate in clinical activities as a provider of direct and indirect care. Grading is on a pass/fail basis. (5 credits: 225 clinical hours per semester). (*A laboratory fee of \$15 assessed.*)
- 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 track. 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 individuals with psychiatric, rehabilitation and medical-surgical nursing needs. (*A laboratory fee of \$15 assessed.*)
- NUR 3255C - Adult Health Nursing Concepts and Practice** 9  
Prerequisites: NUR 3027L, NUR 3535C and 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. (*A laboratory fee of \$15 assessed.*)
- NUR 3295 - 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 Practice** 8  
Prerequisite: NUR 3118L, NUR 3026L, and NUR 3065L. Corequisites: NUR 3027L and 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 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. The learner will participate in clinical activities as a provider of direct and indirect care. (*A laboratory fee of \$15 assessed.*)
- 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 3536L - Psychiatric and Rehabilitative Nursing Practice** 5  
Prerequisite: NUR 3065L. Corequisites: NUR 3128 and NUR 3536. This is the second clinical course for pre-licensure baccalaureate nursing students. The learner will use the nursing process to promote the adaptation of individuals, families, and communities, including those with psychiatric and chronic conditions. The learner will participate in clinical activities as a direct and indirect provider of care. (5 credits: 225 clinical hours per semester) (*A \$15 lab fee is assessed.*)
- NUR 3619 - Family and Community Assessment** 4  
Corequisites: NUR 3026L, NUR 3028L, NUR 3065L, NUR 3066L, NUR 3118L, NUR 3119, NUR 3166, NUR 3816. 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  
Prerequisite: Admission to the Accelerated Option of the Prelicensure Nursing Track. Corequisites: NUR 3065L, NUR 3066L, NUR 3618, NUR 3619, and NUR 2028L. 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 Brooks 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  
Prerequisite: 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** 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 semester hours.
- 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 healthcare education. The course examines the philosophies of complementary and alternative medicine through the application of critical thinking using basic understanding of the functions of the human body. The class is appropriate for all majors.
- NUR 4465C - Women's Health and Pediatric Nursing Concepts and Practice** 7  
Prerequisites: NUR 3167, NUR 3255C. 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. (A laboratory fee of \$15 assessed.)
- NUR 4465 - Women's Health and Pediatric Nursing** 2  
Prerequisite: NUR 3255. Corequisite: NUR 4465L. 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)
- NUR 4465L - Women's Health and Pediatric Nursing Practice** 4  
Prerequisite: NUR 3255L. Corequisites: NUR 4465, NUR 4826 and NUR 4827. This is the fourth clinical course for pre-licensure baccalaureate nursing students. The learner will use the nursing process to promote the adaptation of women and children who are experiencing an illness or condition requiring hospitalization or other health care support. The learner will participate in clinical activities as a provider of direct and indirect care. Grading is on a pass/fail basis. (4 credits: 180 hours practice per semester) (A laboratory fee of \$15 assessed.)
- NUR 4466L - Clinical Practicum III** 4  
Prerequisite: NUR 3235L. Corequisites: NUR 4465, NUR 4636, NUR 4828. This is the third clinical course for nursing students in the accelerated option in the pre-licensure nursing track. 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. (A laboratory fee of \$15 assessed.)
- NUR 4636C - Community Nursing Partnerships and Practice** 5  
Prerequisite: Pre-licensure Students: NUR 4465. Prerequisite: RN-BSN Students: NUR 3082. Pre/Corequisite: NUR 4827. Corequisite: NUR 4636L. 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. (A laboratory fee of \$15 assessed.)
- NUR 4636 - Community Partnerships** 3  
Prerequisite: Pre-licensure Students: NUR 4465. Prerequisite: RN-BSN Students: NUR 3082. Pre/Corequisite: NUR 4827. Corequisite: NUR 4636L. 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).
- NUR 4636L - Community Nursing Practice** 2  
Prerequisite: Pre-licensure Students: NUR 4465L. Prerequisite: RN-BSN Students: NUR 3082L. Pre/Corequisite: NUR 4827. Corequisite: NUR 4636. This is a clinical course for both pre-licensure baccalaureate nursing students and RN-BSN students. In this course the learner will use the nursing process in working with community partners, in a variety of community settings, to design and implement health promotion interventions prioritized by the community. The learner will participate in clinical activities as a provider, designer and manager of care to promote community

adaptation. Grading is on a pass/fail basis. (2 credits: 90 practice hours per semester). (A laboratory fee of \$15 assessed.)

**NUR 4660 - Culture and Health Care in Ireland** v. 1 - 3

Prerequisite: At least a junior standing and an interest in health care. 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.

**NUR 4826 - Applied Nursing Ethics** 2

Prelicensure: Prerequisite/Corequisite: NUR 3167.  
RNs: Prerequisite/Corequisite: None. 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.

**NUR 4827 - Leadership and Management in Nursing** 3

Prelicensure: Prerequisite: NUR 3167. Pre/Corequisite: NUR 4826.  
RNs: Prerequisite/Corequisite: None. 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).

**NUR 4828 - Role Transition** 2

Prerequisite (for Prelicensure students): NUR 4465 and NUR 4465L. Pre or Corequisite: NUR 4827. 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.)

**NUR 4905 - Senior Problems** v. 1 - 6

Prerequisite: Senior standing and permission of instructor. Independent study on selected clinical problems. May be repeated for 9 credits.

**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 3 hours TOTAL credit over one or more semesters. May be repeated for a total of 9 credits.

**NUR 4935 - Special Topics** v. 1 - 3

Nursing electives on varying topics. May be repeated for a total of 15 credits with a change of course content.

**NUR 4945C - Professional Nursing Integration** 6

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. (A laboratory fee of \$15 assessed.)

**NUR 4945L - Directed Clinical Study** 4

Prerequisite: 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. 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) (A laboratory fee of \$15 assessed.)

**Department of Public Health**

**DIE 3213 - Nutrition Therapy I** 3

Prerequisites: HUN 2201, BCH 3023C, BSC 2093C & BSC 2094C, CHM 2045C, FSS 1202, FSS 1202L, 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 & Nutrition Services I** 3

Prerequisites: HUN 2201, MCB 2013C, FSS 1202, FSS 1202L, HSA 3100, 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 and Control in Foods and 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 Services 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 - Field Experience in Nutrition and Dietetics** v. 3 - 9

This course provides a 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 and 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 and 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 - Field Experience in Quantity Food Preparation** 1  
Prerequisites: FSS 1202, FSS 1202L, MCB 2013C, CHM 2045C; Co 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 - Introduction 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 and Management** 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.
- HIM 4226 - Diagnostic Coding II** 3  
Prerequisite: HIM 4236. Study of the procedure coding systems and techniques.
- HIM 4236 - Diagnostic Coding I** 3  
Study of the diagnosis coding system used in health care. Emphasis on Diagnosis Related Grouping techniques and practice.
- HIM 4306 - Medical Record Department Management** 2  
Prerequisites: HIM 4236 and HIM 4226. Examination of the management functions within a medical record setting. Emphasis on staff education requirements, equipment requirements and operation, and problem solving techniques.
- HIM 4344 - Medical Record Department Operations** 2  
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.
- HIM 4406 - Health Records and Standards** 3  
Prerequisite: HIM 4306. Examination of the standards and procedures for health information records in various health care delivery settings.
- HIM 4506 - Quality Assessment** 2  
Prerequisite: HIM 4406. Examine the principles and practice of utilization review. Emphasis on medical audits, quality assurance and risk management.
- HSA 3100 - Introduction to Health Administration** 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.
- HSA 3109 - Foundations of Managed Care** 3  
An examination of managed care as it applies to health and hospital services. Basic managed health care concepts will be emphasized.
- 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.
- HSA 3191 - Health Information Systems I** 3  
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.
- HSA 3383 - Quality Management in Healthcare** 3  
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.
- HSA 3710 - Health Systems Analysis** 3  
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 micro-computer based spreadsheet programs and statistical packages.
- HSA 3750 - Evaluation of Health Programs** 3  
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.
- HSA 4111 - U.S. Health Care System** 3  
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.

<b>HSA 4151 - Introduction to Health Policy</b>	<b>3</b>	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.
<b>HSA 4170 - Health Care Finance</b>	<b>3</b>	Prerequisite: ACG 2021. This course focuses on the economic impact of fiscal policies in healthcare organizations, methods of analyzing financial reports and the fiscal components of the budgetary process will be covered. In addition, the relationship of the economic environment and health care costs and their implications for health care and their implications for health care organizations will be explored.
<b>HSA 4193 - Health Information Systems II</b>	<b>3</b>	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 evaluate a variety of types of information systems applications in a health care setting.
<b>HSA 4553 - Health Law and Ethics</b>	<b>3</b>	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.
<b>HSA 4755 - Managed Care Planning and Evaluation</b>	<b>3</b>	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.
<b>HSA 4850 - Health Administration Internship</b>	<b>6</b>	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.
<b>HSA 4905 - Independent Study</b>	<b>3</b>	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.
<b>HSA 4930 - Special Topics in Advanced Health Care Administration</b>	<b>3</b>	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.
<b>HSA 4938 - Seminar on Managed Care</b>	<b>3</b>	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.
<b>HSA 4939 - Aging Policy and Politics</b>	<b>3</b>	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.
<b>HSA 4941 - Long-Term Care Administration Internship</b>	<b>9</b>	Prerequisites: Completion of program requirements, electives HSA
<b>HSA 4970 - Senior Project</b>	<b>6</b>	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.
<b>HSC 1578 - Food, Health, and Society</b>	<b>3</b>	This course is an introduction to how social, cultural, historical, political, and ecological factors impact health and food behaviors. Students will identify different U.S. ethnic, racial and religious groups' food habits and discuss the relationship of culture to food persistence, food trends, and changes.
<b>HSC 2004 - Health Care Careers</b>	<b>3</b>	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.
<b>HSC 2100 - Personal Health Issues and Problems</b>	<b>3</b>	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.
<b>HSC 2400 - First Aid and Emergency Care</b>	<b>2</b>	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.
<b>HSC 2930 - Special Topics</b>	<b>v. 1 - 3</b>	Study of a topic(s) in the health field. A topic(s) will vary each time the course is offered and will be based on the need to address a current health issue(s) or subject(s) in detail. May be repeated for a total of 6 credits with a change of course content.
<b>HSC 3032 - Foundations of Health Education</b>	<b>3</b>	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 healthcare providers and consumers will be reviewed.

- HSC 3120 - Consumer Issues in Healthcare** 3  
This course examines healthcare 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 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 3241 - Health Needs Assessment** 3  
Corequisites: HSC 3500, HSC 4730 and HSC 3032. This course examines methods and instruments used to assess individual and community needs for health education. Emphasis is placed on learning to obtain health related data, distinguishing between behaviors that foster and those that hinder well being, and inferring needs for health education on the basis of obtained data. Content will also include physical, social, and emotional health appraisal techniques. A field experience may be required.
- HSC 3304 - Instructional Methods in Health Education** 3  
Corequisites: HSC 3032 and HSC 3713. 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 and 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 3531 - 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 3551 - Diseases: Prevention, Intervention, and 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, culture, and demographic issues impacting aging in contemporary America. An interdisciplinary focus will be utilized in examining these issues and major trends in gerontology.
- HSC 3581 - Planning Health Programs** 3  
Corequisites: HSC 3032. This course will use the results of a health needs assessment to set the program planning process in motion. An emphasis will be placed on the development of logical and sequential program plans that are based on measurable and appropriate objectives. A field experience may be required.
- HSC 3661 - Health, Human Relations, and Interpersonal Skill 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 students will learn a variety of interpersonal skills and techniques.
- HSC 3712 - Evaluation of Health Programs** 3  
Corequisites: HSC 3032, HSC 3581, HSC 3241, and HSC 3304. This course addresses procedures used to evaluate the effectiveness of health programs. Included in the course is a review of evaluation methods, standards of performance, and available standardized evaluation/assessment instruments. Emphasis will be on process, impact and outcome evaluation. A field experience may be required.
- HSC 3713 - Planning and Evaluating Health Programs** 3  
Prerequisites: 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 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 4121 - 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 4133 - Sexuality Education** 3  
Prerequisite: Must meet senior level status. Corequisites: 9 semester 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 semester 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 4145 - Addiction Treatment Planning and Coordination** 3  
The study of the addiction treatment planning process, purposes of treatment planning and treatment plan components. Determining appropriate health service providers necessary for the treatment team, and assisting professionals in assessing client needs and problems for the establishment of individualized treatment plans will be emphasized.
- HSC 4150 - Substance Abuse and Violence Prevention** 3  
Corequisites: 9 semester hours of 3-4000 level HSC courses. This course is a study of issues related to the prevention continuum, including primary, secondary, and tertiary prevention. Substance use, misuse, abuse, and dependency, as well as violence are addressed. The focus of the course is the application of substance abuse/dependence and violence prevention programs in a variety of settings. A field experience is required.
- HSC 4152 - Signs and Symptoms of Addictive Behaviors** 3  
A study of the signs and symptoms of alcohol and other drug use, misuse, abuse and dependency. Intervention and treatment approaches, as well as various models of addictive behaviors will be explored.
- HSC 4160 - Human Development, Health Behavior and 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 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 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 Science** 3  
Pre 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.
- HSC 4653 - Healthcare Ethics and Cultural Diversity** 3  
This course will provide students a comprehensive overview of conventional healthcare 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 healthcare resources. Methods of instruction include lecture, discussion, media presentations, and internet resources.
- HSC 4663 - Communicating Prevention Concerns and Resources** 3  
Study of communication theory and practice and health specific prevention information. Emphasis will be placed on strategies for fostering communication between healthcare 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 of 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** 6  
Prerequisite: HSC 4800. 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.

<b>HSC 4910 - Honors Research</b>	<b>v. 1 - 3</b>	<b>HUN 4221 - Science of Nutrition</b>	<b>3</b>
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.		Prerequisites: HUN 2201, CHM 2045C, BCH 3023C, FSS 1202, FSS 1202L, BSC 2085C, BSC 2086C. 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.	
<b>HSC 4912 - Projects</b>	<b>v. 1 - 3</b>	<b>HUN 4414 - Sports Nutrition</b>	<b>3</b>
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.		Prerequisite: HUN 2201. 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.	
<b>HSC 4931 - Special Topics</b>	<b>3</b>	<b>PEM 3930 - Special Topics in Exercise Science</b>	<b>3</b>
A detailed study or a topic in the health science field. Topics will vary each time the course is offered and will be based on the need to address a current health issue or subject in detail. Refer to "Schedule of Courses" or department for further information. May be repeated up to 12 credits with a change in course content.		Prerequisite: PET 3351C. An in-depth examination of one topic in the exercise science field. Topics will vary each semester but will be chosen from the following broad areas: fitness in special populations, exercise in rehabilitative settings, fitness, and cardiovascular health.	
<b>HSC 4934 - Seminar</b>	<b>v. 1 - 3</b>	<b>PEP 4135 - Principles of Strength and Conditioning</b>	<b>3</b>
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.		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 strength and conditioning specialist.	
<b>HUN 1001 - Introduction to Nutrition Science</b>	<b>2</b>	<b>PET 3080 - Physical Activity and Health</b>	<b>3</b>
Prerequisite: BSC 1005C. 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.		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.	
<b>HUN 1003C - Weight Management through Nutrition &amp; Fitness</b>	<b>2</b>	<b>PET 4550 - Physical Fitness Assessment and Exercise Prescription</b>	<b>3</b>
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. ( <i>A laboratory fee of \$15 assessed.</i> )		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.	
<b>HUN 2000 - Contemporary Nutrition Issues</b>	<b>3</b>	<b>PET 4625 - Research in Sports Medicine</b>	<b>3</b>
Students 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 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.	
<b>HUN 2201 - Basic Principles of Nutrition</b>	<b>3</b>	<b>SLS 3316 - Introduction to the Health Professions</b>	<b>3</b>
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.		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.	
<b>HUN 3403 - Life Span Nutrition</b>	<b>3</b>	<b>Department of Athletic Training and Physical Therapy</b>	
Prerequisites: FSS 1202, FSS 1202L, HUN 2201, CHM 2045C, BSC 2085C, BSC 2086C. Students will assess nutrient needs of individuals at different stages of the life cycle and plan menus that meet their nutritional needs.		<b>Note: Due to changes in the Athletic Training curriculum, some courses may vary from the descriptions in this catalog. Students should keep in touch with the Athletic Training Program Office and the Brooks College of Health Advising Office.</b>	
<b>HUN 3601 - Nutrition Education</b>	<b>3</b>		
Prerequisites: HUN 2201 and DIE 3213. 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.			



- 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. *(A laboratory fee of \$15 assessed.)*
- PET 3321 - Gross Anatomy for Athletic Trainers** 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 to 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 which 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 illnesses, general medical conditions and disabilities and psychosocial intervention and referral will also be introduced. *(A laboratory fee of \$15 assessed.)*
- PET 3620 - Introduction to Athletic Injuries** 3  
Current principles and practices in the prevention, recognition, and management of athletic related injuries and illnesses. *(A laboratory fee of \$11.50 assessed.)*
- 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 Instruction 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 injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. To be taken in the Fall semester of the student's Junior year. *(A laboratory fee of \$15 assessed.)*
- PET 3671 - Athletic Training Clinical Instruction 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 injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. To be taken in the Spring semester of the student's Junior year. *(A laboratory fee of \$15 assessed.)*
- PET 3672 - Observation and Practicum in Athletic Training I** 3  
Prerequisites: Declared major in Athletic Training, PET 3603C, PET 3620, and HSC 2400. A beginning clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. May be repeated for credit maximum number of 3 times for a maximum number of 9 credits. *(A laboratory fee of \$15 assessed.)*
- PET 3673 - Observation and Practicum in Athletic Training II** 3  
Prerequisite: PET 3672. A beginning clinical experience in an athletic training - sports medicine setting with follow-up seminars. Student will integrate and apply academic work in providing care to injured athletes under the direct supervision of an NATA-BOC certified athletic trainer. This class is an elected continuation of Observation & Practicum I. May be repeated for credit. *(A laboratory fee of \$15 assessed.)*
- PET 3674 - Clinical Experience in Athletic Training** 3  
Prerequisites: PET 3670 and PET 3671. Corequisite: Enrolled in Athletic Training Education 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. *(A laboratory fee of \$7.50 assessed.)*
- PET 4623 - Rehabilitation of Athletic Injuries** 3  
Prerequisite: PET 4630C. 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. *(A laboratory fee of \$11.50 assessed.)*
- 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 Assessment II** 3

Prerequisite: PET 4633C. 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. (A laboratory fee of \$11.50 assessed.)

**PET 4940 - Clinical Practice in Athletic Training I** 3

Prerequisite: PET 3671. Corequisites: PET 4633C, PET 3660, and PET 4630C. 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 injured athletes 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. 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 injured athletes 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.)

**PHT 3157 - Medical Physiology** 3

Physiology of major body systems are studied at the cellular and systemic levels. Includes selected laboratory sessions demonstrating physiological principles.



# 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 mutually beneficial relationship between alumni and the University. The Board of Directors, comprised of 34 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 Homecoming, the annual Alumni Recognition Dinner, guest lecturers, and several networking and social events. 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.unf.edu/alumni](http://www.unf.edu/alumni).

**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 \$150 million in assets, including an endowment valued at \$80 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 - Freshman Drill (Naval Science Lab)** 0  
Drill, basic commands, courtesies and honors; orientation and information period.

**NSC 1110 - Principles 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 and 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 - Sophomore Drill (Naval Science Lab)** 0  
Drill, basic commands, courtesies and honors; orientation and information period.

**NSC 2121 - Naval Ships Systems I (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 II (Engineering)** 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 - Junior Drill (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 3214C - Navigation and 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 and 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 - Senior Drill (Naval Science Lab)**

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**

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 and Management**

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 and Ethics**

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 14,000 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

0 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.

3

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.

3

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.

3

## **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 high school 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. UNF is the pilot site and the program will expand to other sites of higher education throughout northeast Florida. For more information contact : Developmental Disabilities-On Campus Transition Program; Monday-Friday 8:30am-3:00pm; (904) 620-3890, [www.coeoct@unf.edu](mailto:www.coeoct@unf.edu)



# University Center

**George Androuin,**  
Director 620-4222

## University Center

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 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](http://www.ce.unf.edu).

## Center for Professional Development

### Certificate Programs

- Effective Business Writing, Grammar and Punctuation
- Instructional Systems Design
- The Leadership Boot Camp
- Leveraging Success: Harvard Law School's Seven Elements of Successful Negotiation
- Supervisory and Management Leadership Certificate- Introduction
- Supervisory and Management Leadership Certificate- Advanced
- Web-based Training Certificate- From Concept to Execution

### Center for Project Management

- Certified Associate in Project Management
- Project Management Fundamentals
- PMP Certification and Exam Preparation
- Microsoft Project Foundations
- Microsoft Project Advanced Applications

### Professional Development

- Assertive Communication for Professionals
- Communication Skills for Everyday Leaders
- Effective Time management and Organizational Skills
- Financial Decision Making for Non Financial Managers
- Giving Effective Performance Feedback
- How to Manage Problem Employees
- How to Value a Business
- Leading With Emotional Intelligence
- Leadership Challenges: Motivating and Retaining Key Employees
- Leading High performance Teams
- Level Five Evaluation: Determining ROI
- Savvy Business Etiquette
- Sharpening Your Presentation and Public Speaking Skills
- Solving Employee Performance and Behavior Problems
- Successful Conflict Resolution and Negotiation Skills
- The Supervisor Boot Camp
- The Platinum Rule: Creating Rapport and Chemistry

### Test Preparation

- ACT Test Preparation
- SAT Test Preparation
- GRE Test Preparation
- GMAT Test Preparation

### Distance Learning

- Healthcare
- Business
- Construction/ Automotive
- Internet/Graphic/Web Design
- Networking/CompTIA
- Video Game Design

### 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.



And 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 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 (CEU's)

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:

- 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 training program to meet your business needs.

#### **Railroad Institute**

- Freight Conductor Training Certificate Program

#### **Workforce Skills Assessment**

- WorkKeys

### **Legal Studies Institute**

Continuing Education has non-credit certificate programs in legal studies — paralegal, legal administrative assistant and legal nurse consulting.

### **Osher Lifelong Learning Institute**

The Osher Lifelong Learning Institute (OLLI) is designed for adults over the age of 50 who wish to explore and learn about a wide array of topics including culture, arts, history, computers, current events, music and finances, to name just a few. Participants will enjoy courses as well as lunch sessions, trips, collaborations and exciting networking opportunities. UNF is committed not only to the success of the Osher Lifelong Learning Institute, but to providing an environment where education and knowledge are always growing.

## **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 over 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 and Staff 2007-2008

### 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)

**Janet D. Owen, J.D.** (Stetson University) Vice President for Governmental Relations

**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

**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

**Rachelle Gottlieb, M.A.** (University of Texas) Associate Vice President, Human Resources

### Deans

**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)

**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)

**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

**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

**Robert Wood, M.P.A.** (Indiana University) Dean, Division of Continuing Education

**Shirley Hallblade, Ph.D.** (University of Iowa) Dean of the Library

### Academic Support Officers

**Joe Allen, P.A.** (University of Florida) Physician's Assistant, Student Medical Services, Student Affairs

**George Androuin, M.P.A.** (University of North Florida) Director, University Center

**Phyllis Andruszkiewicz, B.A.** (Virginia Commonwealth University) Director of Development, Carpenter Library

**Ricky B. P. Arjune, M.P.A.** (University of North Florida) FCCA, FCA, Director, Budget Office

**Margaret A. Armstrong, M.A.** (University of South Florida) Assistant Director, English Language Program, Student Affairs

**Sharon Ashton, B.A.** (Michigan State University) Assistant Vice President, Public Relations

**Deborah Baker, M.A.C.P.** (University of North Florida) Staff Counselor, Counseling Center

**Cathy Baez-Case, M.Ed.** (University of San Diego) Enrollment Services Counselor, One Stop Student Services Center

**Morgan Barnett** (University of North Florida) Academic Advisor, College of Arts and Sciences

**James Baur, M.S.H.** (University of North Florida) Assistant Director, Recreation, Dottie Dorion Fitness Center

**Caron Bayuk**, Enrollment Services Counselor, One Stop Student Services Center

**Fred C. Beck, M.D.** (Bowman Gray School of Medicine) Director, Student Medical Services

**Pamela C. Bell, M.A.** (University of North Florida) Director, Child Development Research Center

**Scott A. Bennett, B.S.** (Florida State University) Assistant Vice President for Administration and Finance

**Deborah Berard, B.S.** (University of Central Florida) Loan Manager, Cashier's Office

**Michael Biagini, M.P.A.** (University of Delaware) Director, Financial Systems

**Stacy Biber, M.S.** (Cardinal Stritch University) Coordinator of Outreach and Recruitment, College of Education and Human Services

**Brian Blakeslee, M.Ed.** (University of North Florida) Assistant Director, University Center

**Dawn Boatman, M.P.A.** (University of North Florida) Director, Office of Research and Sponsored Programs

**Michael Boele, B.S.** (University of Florida) Athletics Business Manager

**Mary O. Borg Ph.D.** (University of North Carolina-Chapel Hill) Director, Undergraduate Academic Enrichment Program; Professor, Political Science and Public Administration

**Koren M. Borges, M.A., M.B.A.** (Johns Hopkins University, University of Pennsylvania) Director of Development, College of Education and Human Services

**Steven J. Borowiec, M.P.A.** (University of North Florida) Director, Division of Continuing Education

**Michele Boyette, M.A.** (University of North Florida) Tutor Coordinator, Academic Center for Excellence

**Bob Boyle, M.S.** (Jacksonville State University) Associate Director, Housing Operations

**Shawn W. Brayton, M.H.R.M.** (University of North Florida) Director, Academic Affairs

**Maris Brien, B.S.** (Ateneo de Manila University, Philippines) Assistant Director, Foundation Scholarships

**Rachel Broderick, M.Ed.** (University of North Florida) Director, Brooks College of Health Advising Office

**Michelle Bronner, M.S.** (University of Tennessee) Director of Athletic Compliance, President's Office

**Annabel Brooks, Ed.D.** (University of North Florida) Manager, Student Affairs Information and Publications, Student Affairs

**Valerie Brooks-Clark, M.S.** (University of North Florida) Assistant Director of Academic Advising, College of Arts and Sciences

**Lynn M. Brown, B.B.A.** (University of North Florida) Associate Director, Alumni Services

**Lindsay Bryant, M.Ed.** (University of Georgia) Associate Director, Student Life

**Igal Buber, M.B.A.** (University of North Florida) Interim Head Tennis Coach, Athletics

**Rachel Bukanc, M.A.** (Brandeis University) Assistant Director for Student Conduct, Residence Life

**Ray Bunch,** Head Men's Soccer Coach, Athletics

**Deborah C. Bundy, B.A.** (University of North Florida) Manager, Retirement, Human Resources

**Victoria L. Buonomo, M.Ed.** (University of North Florida) University Registrar, Enrollment Services Processing

**Heather Burk, M.P.A.** (University of North Florida) Service Learning Coordinator, Honors Program

**Tully Burnett, B.S.** (Troy State University) Assistant Director, Auxiliary Services

**Anissa Cameron, M.S.A.** (Central Michigan University) Associate Director, Enrollment Services Processing

**Cheryl S. Campbell, M.B.A.** (University of North Florida) Director of Student Services, Coggin College of Business

**Joann N. Campbell, Ph.D.** (Florida State University) Associate Vice President for Budgets and Personnel

**Joseph J. Capitanio,** Laboratory Manager, Educational Technology Center, College of Education and Human Services

**Julie Carter, B.A.** (University of North Florida) Assistant Director, One Stop Student Services Center

**Erika Castillo Gonzalez, B.B.A.** (University of North Florida) International Student Advisor, International Center

**Maria E. Castro, M.Ed.** (University of North Florida) Coordinator, Cooperative Education/Internships, Career Services

**Catherine Chadeayne-Goldman, M.S.** (University of North Florida) Instructor/Field Coordinator, Department of Criminology and Criminal Justice

**Kimberly L. Churches, B.S.** (Florida State University) Director of Development, Coggin College of Business

**Elizabeth Joan Clements, B.A.** (University of North Florida) Assistant to the Dean of the College of Arts and Sciences

**Joe Collins, B.A.** (University of Cincinnati) Strength and Conditioning Coach, Athletics

**Greg Cook,** Enrollment Services Counselor, One Stop Student Services Center

**Connie W. Corker, M.P.A.** (University of North Florida) Special Assistant, Labor Relations

**David M. Crabtree, M.F.A.** (University of Florida) Associate Director of Student Life for Facilities Management

**Beverly Cribbs, M.Ed.** (University of Florida) Academic Advisor, Academic Center for Excellence

**Lucy Croft, Ed.D.** (University of Cincinnati) Assistant Vice President for Student Life, Student Affairs

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**Joseph A. Butler, Ph.D.** (Ohio State University) Chair and Professor, Department of Biology

**Elena M. Buzaianu, Ph.D.** (Syracuse University) Assistant Professor, Department of Mathematics and Statistics (Statistics)

**Charles H. Calhoun, Ph.D.** (Florida State University) CPA, Director of the MAcc Program, Chair and Professor, Department of Accounting and Finance (Accounting)

**Daniel J. Callcut, Ph.D.** (Johns Hopkins University) Assistant Professor, Department of Philosophy

**Joseph L. Campbell, Ph.D.** (Clemson University) PE, Professor, School of Engineering

**David Cantor, Ph.D.** (University of Maryland) Assistant Professor, Department of Marketing and Logistics (Logistics)

**Lynne Carroll, Ph.D.** (University of Pittsburgh) Director, Counselor Education Program; Associate Professor, Department of Leadership, Counseling and Instructional Technology (Mental Health Counseling)

**Candice Carter, Ph.D.** (University of California, Riverside) Associate Professor, Department of Childhood Education (Elementary Education)

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**Keith Cartwright, Ph.D.** (Indiana University) Associate Professor, Department of English

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**Minor H. Chamblin, Ph.D.** (University of Kentucky) Associate Professor and Chair, Department of Psychology

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**Hyunsun Choi, Ph.D.** (University of Southern California) Associate Professor, Department of Political Science and Public Administration (Urban and Regional Planning)

**Youngtae Choi, Ph.D.** (Texas A & M University) Assistant Professor, Department of Marketing and Logistics (Marketing)

**Catherine Christie, Ph.D.** (Florida State University) Associate Professor, Department of Public Health (Nutrition)

**Yap Siong Chua, Ph.D.** (State University of New York — Stony Brook) Professor, School of Computing

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

**Dale L. Clifford, Ph.D.** (University of Tennessee - Knoxville) Associate Professor and Chair, Department of History

**Charles E. Closmann, Ph.D.** (University of Houston) Assistant Professor, Department of History

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

**Glen Coffey, Ph.D.** (University of Tennessee) Assistant Professor, Department of Criminology and Criminal Justice

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**B. Jay Coleman, Ph.D.** (Clemson University) Associate Dean, Coggin College of Business, Richard deRaismes Kip Professor of Operations Management and Quantitative Methods, Department of Management (Management and Quantitative Methods), Distinguished Professor, 2005

**Wayne C. Coleman, M.A.** (University of South Florida) Visiting Instructor, Department of Economics and Geography (Geography)

**Dee Colvin, M.F.A.** (Indiana State University) Visiting Instructor, Department of Communication (Advertising)

**Gerald Colvin, Ph.D.** (University of Pittsburgh) Assistant Professor, Department of Public Health (Health Administration)

**Judith Comeaux, M.S.N.** (University of Florida) **A.R.N.P.**, Instructor, School of Nursing

**Linda Connelly, M.S.N.** (University of North Florida) **A.R.N.P.**, Instructor, School of Nursing

**Richard V. Conte, Ph.D.** (University of Arizona) Instructor and Advisor, School of Engineering; Advisor

**Thomas Coppedge, M.A.** (University of Georgia) Instructor, Department of Economics and Geography (Economics)

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**Matthew T. Corrigan, Ph.D.** (University of Florida) Associate Professor and Chair, Department of Political Science and Public Administration

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

**David T. Courtwright, Ph.D.** (Rice University) Professor, Department of History with joint appointment in the Brooks College of Health; Distinguished Professor, 1998; John A. Delaney Presidential Professor

**Daniel Cox, Ph.D.** (University of Texas at Austin) Associate Professor, School of Engineering (Mechanical Engineering)

**Laurel M. Crump, M.L.S.** (University of Arizona) Associate University Librarian

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

**John P. Cummings, Ph.D.** (Indiana University) **P.T.**, Associate Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

**James Nixon Curry, D.M.A.** (Northwestern University) Assistant Professor, Department of Music (Music)

**Linda Dacks, M.A.** (Nova University) Resident Clinical Faculty, Department of Childhood Education

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

**Larry G. Daniel, Ph.D.** (University of New Orleans) Dean, College of Education and Human Services; Professor, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

**Elizabeth Daniell, Ed.D.** (Auburn University) Visiting Instructor, Education

**John J. Davies, Ph.D.** (University of Alabama) Assistant Professor, Department of Communication (Mass Communication)

**Justin Davis, B.S.** (California State University-Northridge) Assistant Swim Coach, Athletics

**Philip Davis, Ph.D.** (Rice University) Visiting Professor, Department of Chemistry and Physics (Chemistry)

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

**Sharian L. Deering, Ph.D.** (Texas Women's University) Assistant Professor, Department of Exceptional Student and Deaf Education

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

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

**Nofa Dixon, M.F.A.** (Virginia Commonwealth University) Assistant Professor, Department of Art and Design (Art)

**Linda Docks, M.A.** (Nova University) Resident Clinical Faculty, Department of Childhood Education

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

**Karen M. Donges, M.A.** (Miami University) Instructor, Department of Communication (Speech)

**Timothy J. Donovan, M.A.** (Southern Illinois University) Visiting Instructor, Department of English

**Emily Arthur Douglass, M.F.A.** (Pennsylvania Academy of the Fine Arts) Assistant Professor, Department of Art and Design (Printmaking)

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

**David Dubblede** (Texas A&M) Assistant Professor, Department of Building Construction Management

**Rabeca Dumitru, Ph.D.** (University of Cincinnati) Assistant Professor, Mathematics

**Kyle Echols, Ph.D.** (University of Wisconsin-Madison) Assistant Professor, Department of World Languages (Spanish)

**Martin I. Edwards, J.D.** (University of Florida) Director of Pre-Law Program and Instructor in Department of Political Science and Public Administration

**Paul D. Eggen, Ph.D.** (Oregon State University) Professor, Department of Foundations and Secondary Education; Program Leader, K-12

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

**John A. Eisler, Ph.D.** (Emory University) Associate Professor, Department of Psychology

**Adel I. El-Ansary, Ph.D.** (Ohio State University) Donna Harper Professor of Marketing and Chair, Department of Marketing and Logistics (Marketing)

**Adel El-Safty, Ph.D.** (North Carolina State University) Assistant Professor, School of Engineering (Civil Engineering)

**Sherif A. Elfayoumy, Ph.D.** (University of Louisville) Associate Professor, School of Computing

**Mary Helen Elliott, M.S.N.** (Creighton University) **R.N.**, Instructor, School of Nursing

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**Paul A. Fadil, Ph.D.** (Florida State University) Assistant Professor, Department of Management

**Joan Farrell, Ph.D.** (State University of New York at Buffalo) Professor, Department of Public Health

**Donald D. Farshing, Ph.D.** (Florida State University) Director of the Florida Engineering Education Delivery System (FEEDS); Associate Professor, College of Computing, Engineering and Construction

**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

**Jorge Febles, Ph.D.** (University of Iowa) Professor and Chair, Department of World Languages (Spanish)

**Jennifer A. Fisher, Ph.D.** (City University of New York) Assistant Professor, Department of Philosophy

**Gerald F. Fletcher, M.D.** (Mayo Medical School) Courtesy/ Clinical Professor, Brooks College of Health

**James Fletcher, Ph.D.** (University of Florida) Assistant Professor, School of Engineering (Mechanical Engineering)

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

**Linda A. Foley, Ph.D.** (University of Florida) Professor, Department of Psychology; Distinguished Professor, 1982

**Carol Forney, A.M.** (Harvard University) Visiting Instructor,  
English/American Literature

**Bruce Fortado, Ph.D.** (Case Western Reserve University) Professor,  
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**Patricia H. Foster, Ed.D.** (University of Florida) **R.N.**, Associate  
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**Sebastian Foti, Ph.D.** (University of Florida) Assistant Professor,  
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Leadership)

**J. Michael Francis, Ph.D.** (University of Cambridge-England)  
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**Robert Frankel, Ph.D.** (Michigan State University) Professor  
and Richard deRaismes Kip Professor of Marketing and Logistics,  
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**Cheryl J. Frohlich, Ph.D.** (University of Illinois) Associate  
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**Elizabeth L. Furdell, Ph.D.** (Kent State University) Professor,  
Department of History; Distinguished Professor, 2002

**D. Christopher Gabbard, Ph.D.** (Stanford University) Associate  
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**Andrés Alberto Gallo, Ph.D.** (University of Illinois Champaign  
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Geography (Economics)

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Department of English (English)

**James L. Garner, Ph.D.** (Ohio State University) Professor,  
Department of Chemistry and Physics (Physics)

**Lev V. Gasparov, Ph.D.** (Institute for Solid State Physics, Russia)  
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**Patricia A. Geesey, Ph.D.** (Ohio State University) Associate  
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**Matthew R. Gilg, Ph.D.** (University of South Carolina) Assistant  
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**Tayeb A. Giuma, Ph.D.** (University of Miami) Associate Professor,  
School of Engineering (Electrical Engineering)

**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  
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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) Visiting  
Eminent Scholar, Department of Marketing and Logistics  
(Marketing)

**Pooja S. Gupta, Ph.D.** (Michigan Tech University) Visiting Assistant  
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**Saurabh Gupta, Ph.D.** (University of Georgia) Assistant Professor,  
Department of Management (Management Information Systems)

**Sandra L. Gupton, Ed.D.** (University of North Carolina/  
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Department of Department of Leadership, Counseling and  
Instructional Technology (Educational Leadership)

**C. Dominik Güss, Ph.D.** (Otto-Friedrich University of Bamberg)  
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**Donald R. Haley, Ph.D.** (University of North Carolina at Chapel  
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**Katrina W. Hall, Ph.D.** (University of Florida) Assistant Professor,  
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**Shirley Hallblade, Ph.D.** (University of Iowa) Dean of the Library

**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  
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**Mitchell R. Haney, Ph.D.** (University of Memphis) Assistant  
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**Jace Hargis, Ph.D.** (University of Florida) Assistant Professor,  
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**Craig G. Harms, Ph.D.** (Ohio State University) Associate Professor,  
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**Paul G. Harwood, Ph.D.** (University of Maryland - College Park) Assistant Professor, Department of Political Science and Public Administration

**Kathleen M. Hassall, Ph.D.** (Florida State University) Director, The Writing Center, and Associate Professor, Department of English

**John D. Hatle, Ph.D.** (University of Louisiana at Lafayette) Assistant Professor, Department of Biology

**Damon M. Hay, Ph.D.** (University of Houston) Assistant Professor, Department of Mathematics and Statistics

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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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**Christine Holland, M.A.** (Oklahoma State University) Instructor, Department of Communication (Speech)

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

**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)

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

**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

**Nick W. Hudyma, Ph.D.** (University of Nevada) **PE**, Associate Professor, School of Engineering (Civil Engineering)

**Jay S. Huebner, Ph.D.** (University of California-Riverside) Professor Emeritus and Visiting Research Professor, Department of Chemistry and Physics (Physics); Distinguished Professor, 1980

**Donald Hutton, M.B.A.** (Xavier University) Executive-in-Residence, Department of Public Health (Health Administration)

**Cheie Ikeya** (Cornell University) Assistant Professor, Department of History

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

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

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

**Paul Karabinis, M.F.A.** (University of Florida) **M.A.** (Boston University) Assistant Professor, Department of Art and Design (Photography and History of Photography)

**Nicholas M. Karayanakis, Ph.D.** (University of Illinois) Professor, Department of Leadership, Counseling and Instructional Technology

**Jerzy J. Karylowski, Ph.D.** (University of Warsaw) Professor, Department of Psychology; Distinguished Professor, 1995

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

**C. Bruce Kavan, Ph.D.** (University of Georgia) Professor and Chair, Department of Management (Management Informations Systems), Bank of America Professor of Information Technology

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**Ronald F. Kephart, Ph.D.** (University of Florida) Associate Professor, Department of Sociology and Anthropology (Anthropology)

**A. Samuel Kimball, Ph.D.** (University of Florida) Professor and Chair, Department of English

**Pattaporn “Aye” Kitsabunnarat, Ph.D.** (University of Wisconsin-Milwaukee) Assistant Professor, Department of Accounting and Finance (Finance)

**A. David Kline, Ph.D.** (University of Wisconsin - Madison) Professor, Department of Philosophy; Director, Center for Ethics

**William Klostermeyer, Ph.D.** (University of Florida) Professor, School of Computing

**Hans Herbert Kögler, Ph.D.** (Der Johann Wolfgang Goethe–University of Frankfurt am Main) Associate Professor and Chair, Department of Philosophy

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

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

**J. David Lambert, Ph.D.** (University of Florida) Assistant Professor, School of Computing and Director of the Advanced Weather Information Systems (AWIS) Laboratory

**Marcia Lamkin, Ed.D.** (Teachers College, Columbia University) Assistant Professor, Department of Leadership, Counseling and Instructional Technology

**Lori Y. Lange, Ph.D.** (University of Wisconsin - Milwaukee) Assistant Professor, Department of Psychology

**Wanda LaStrapes, Ph.D.** (Old Dominion University) Assistant Professor, Foundations and Secondary Education

**Michelle J. Leavitt, M.F.A.** (Vermont College of Norwich University) Instructor, Department of English (English)

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

**Jason W. Lee, Ph.D.** (Florida State University) Assistant Professor, Department of Leadership, Counseling and Instructional Technology (Sport Management)

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**Michael Lentz, Ph.D.** (University of Alabama at Birmingham) Associate Professor and Director of Pre-Med Program, Department of Biology

**Thomas M. Leonard, Ph.D.** (American University) Professor, Department of History; Distinguished Professor, 1985

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

**Joe M. Lesem, M.A.** (University of Missouri) Associate Professor, Department of Communication (Broadcasting)

**William L. Lester, Jr., Ph.D.** (Texas Tech University) Visiting Assistant Professor, Department of Political Science and Public Administration (Political Science)

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**Nancy J. Levine, Ph.D.** (Columbia University) Associate Professor, Department of English

**Ronald T. Libby, Ph.D.** (University of Washington) Professor, Department of Political Science and Public Administration

**Beyong Lim** (Louisiana State University and A&M) Assistant Professor, Department of Building Construction Management



- Mu Lin, Ph.D.** (Temple University) Assistant Professor, Department of Communication (Communication)
- Chung-Ping Loh, Ph.D.** (University of North Carolina) Assistant Professor, Department of Economics and Geography (Economics)
- Lillia M. Loriz, Ph.D.** (George Mason University) **A.R.N.P., B.C.**, Associate Professor, Director, School of Nursing (Nursing Administration)
- Marcelle C. Lovett, Ed.D.** (University of Florida) Assistant Professor, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)
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- Ronald A. Lukens-Bull, Ph.D.** (Arizona State University) Associate Professor, Department of Sociology and Anthropology (Anthropology)
- Clark D. Lunberry, Ph.D.** (University of Wisconsin - Milwaukee) Assistant Professor, Department of English (English)
- Ye Luo, Ph.D.** (Tulane University) Assistant Professor, Department of Sociology and Anthropology (Sociology)
- Marsha H. Lupi, Ed.D.** (Teachers College, Columbia University) Associate Dean, College of Education and Human Services, Associate Professor, Department of Exceptional Student and Deaf Education
- Charlotte N. Mabrey, M.M.** (University of Illinois) Professor, Department of Music (Music); Distinguished Professor, 2001
- John B. MacArthur, Ph.D.** (University of Wales, U.K.) **FCCA**, Kathryn and Richard Kip Professor of Accounting, Department of Accounting and Finance (Accounting)
- Jane MacGibbon, Ph.D.** (University of Cambridge) Assistant Professor, Department of Chemistry and Physics (Theoretical Astrophysics)
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- Peter Magyari, Ph.D.** (University of Florida) Assistant Professor, Department of Public Health (Exercise Science)
- Maged Malek, Ph.D.** (University of Central Florida) Associate Professor, Department of Building Construction Management
- Anita Mandal, Ph.D.** (Banaras Hindu University) Visiting Lab Lecturer, Department of Biology
- Prabir K. Mandal, Ph.D.** (Bhopal University) Visiting Assistant Professor, Department of Biology
- Sheila Ann Mangum, M.S.L.S.** (Louisiana State University) University Librarian
- John C. Maraldo, Ph.D.** (University of Munich-Germany) Professor, Department of Philosophy; Distinguished Professor, 1994
- Rebecca A. Marcon, Ph.D.** (Louisiana State University) Professor, Department of Psychology
- Dennis J. Marks, M.M.** (University of Miami) Department of Music (Studio Jazz Writing)
- John W. Martin, Ed.D.** (Oklahoma State University) Professor and Chair, Building Construction Management, College of Computing, Engineering and Construction
- Kenneth E. Martin, Ph.D.** (University of Notre Dame) Professor, School of Computing
- Dominick Martorelli, M.F.A.** (University of South Florida) Associate Professor, Department of Art and Design (Photography)
- Paul M. Mason, Ph.D.** (University of Texas) Professor and Chair, Department of Economics and Geography (Economics)
- Diane Matuschka** (University of Northern Colorado) Visiting Instructor, Department of Communication (Human Communications)
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- John P. McDonough, Ed.D.** (Drake University) **C.R.N.A., A.R.N.P.**, Professor and Director, Nurse Anesthesia Track, School of Nursing
- John E. McEldowney, D.B.A.** (Mississippi State University) **CPA, CIA**, Associate Professor, Department of Accounting and Finance (Accounting)
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- Susan McMarlin, Ed.D.** (University of Hawaii) **R.N.**, Visiting Assistant Professor, School of Nursing
- Elizabeth McMullan, Ph.D.** (University of Southern Mississippi) Assistant Professor, Department of Criminology and Criminal Justice
- Penny S. McNatt, Ph.D.** (University of Florida) Visiting Assistant Professor, Department of Psychology
- Gregory Mead, Ph.D.** (University of Florida) Visiting Assistant Professor, Department of Biology
- Sangeeta Mediratta, Ph.D.** (University of California, San Diego) Assistant Professor, Department of English
- Alyson S. Meeks, M.A.** (University of North Florida) Writing Instructor, Honors Program

**Jan Meires, Ed.D.** (University of North Florida) **A.R.N.P., B.C.**, Associate Professor, School of Nursing

**Gerald U. Merckel, Ph.D.** (University of Tennessee) Professor and Associate Dean, College of Computing, Engineering and Construction (Electrical Engineering)

**Jeffrey E. Michelman, Ph.D.** (University of Wisconsin-Madison) **CPA, CMA**, Associate Professor, Department of Accounting and Finance (Accounting and Information Systems)

**Ognjen Milatovic, Ph.D.** (Northeastern University) Assistant Professor, Department of Mathematics and Statistics (Mathematics)

**Aleksandra Sasha Milicevic, Ph.D.** (University of California - Los Angeles) Assistant Professor, Department of Sociology and Anthropology (Sociology)

**Aileen Marie Miller, M.S.** (Bard College) Laboratory Lecturer, Department of Biology

**Donna L. Mohr, Ph.D.** (Princeton University) Professor, Department of Mathematics and Statistics (Statistics)

**Pamela A. Monteleone, Ph.D.** (State University of New York-Buffalo) Associate Professor, Department of English

**Daniel C. Moon, Ph.D.** (University of South Florida) Assistant Professor, Department of Biology

**Jamie C. Moon, M.S.** (University of South Florida) Visiting Laboratory Lecturer, Department of Biology

**Michele J. Moore, Ph.D.** (University of Florida) **CHES** Associate Professor, Department of Public Health

**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)

**Meiko Negishi, Ph.D.** (Mississippi State University) Department of Foundations and Secondary Education

**Dag Näslund, Ph.D.** (Lund School of Business and Economics) Associate Professor, Department of Management (Management)

**Melissa A. Nelson, M.S.** (University of North Florida) Visiting Instructor, Department of Mathematics and Statistics (Mathematics)

**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)

**Ann C. Noonan, Ed.D.** (Northeastern University) **P.T.**, Associate Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

**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. Ochriotor, Ph.D.** (Ohio State University) Assistant Professor, Department of Biology

**Debra O'Connell, Ph.D.** (University of North Carolina, Greensboro) Visiting Assistant Professor, Department of Foundations and Secondary Education.

**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

**Crystal L. Owen, Ph.D.** (Ohio State University) Assistant Professor, Department of Management (Management)

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

**Champak D. Panchal, Ph.D.** (University of Montana) Associate Professor and Graduate Coordinator, Department of Mathematics and Statistics (Mathematics)

**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

**John Pechonick, M.S.** (University of Missouri, Rolla) Laboratory Lecturer, Department of Chemistry and Physics (Chemistry)

## 336 University Officers, Faculty and Staff

- 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)
- Daniel M. Philip, Ph.D.** (University of Florida) Visiting Assistant Professor, Department of Psychology
- 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)
- V. Lynne Raiser, Ed.D.** (University of Florida) Visiting Professor, Department of Exceptional Student and Deaf Education
- 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
- Richard A. Ravelo, M.M.** (Florida State University) Visiting Instructor, Department of Music (Jazz Studies)
- 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) Associate Professor, Department of Psychology
- Lee Richardson, M.L.I.S.** (University of South Carolina) Associate University Librarian
- Anne E. Richie, M.M.** (North Carolina School of the Arts) Visiting Assistant Professor, Department of Music (Performance)
- 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
- Fernando de Sousa Rocha, Ph.D.** (University of Southern California) Assistant Professor, Department of World Languages (Spanish, Portuguese)
- 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
- 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) Interim Chairperson, Department of Childhood Education; Associate Professor and Chair, 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)

**Jane Sander, M.S.N.** (University of North Florida) **A.R.N.P., B.C.**, Visiting Instructor, School of Nursing

**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)

**Daniel L. Schafer, Ph.D.** (University of Minnesota) Professor, Department of History; Distinguished Professor, 1996

**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)

**Stephen L. Shapiro, Ph.D.** (University of South Carolina) Professor, Department of Economics and Geography, Director, Center for Economic Education (Economics)

**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)

**David Simon, Ph.D.** (Rutgers University) Visiting Assistant Professor, Department of Political Science and Public Administration

**William R. Slaughter, Ph.D.** (Purdue University) Professor, Department of English; Distinguished Professor, 1990

**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)

**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) Associate Dean, Coggin College of Business; 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)

**Cura 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)

**Mary Sue Terrell, Ph.D.** (University of Alabama) Associate Professor, Department of Foundations and Secondary Education (Music Education)

**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

**Robert L. Thunen, Ph.D.** (Northwestern University) Assistant Professor, Department of Sociology and Anthropology (Anthropology)

**E. Allen Tilley, Ph.D.** (University of Iowa) Professor, Department of English; Distinguished Professor, 1997

**Crystal Timmons, M.A.** (University of North Florida) Clinical Instructor, Department of Childhood Education

**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)

**Earle C. Traynham, Ph.D.** (University of South Carolina) Professor, Department of Economics and Geography (Economics) and ECT Distinguished Professor of Business Administration

**Lucy B. Trice, Ph.D.** (Texas Woman’s University) A.R.N.P., B.C., Associate Dean, Brooks College of Health and Associate Professor, School of Nursing

**Frederick Troendle, Ph.D.** (University of Florida) Visiting Assistant Professor, Department of Chemistry and Physics (Chemistry)

**Ma. Teresa Tuason, Ph.D.** (State University of New York, Albany) Assistant Professor, Department of Psychology

**Barbara L. Tuck, M.S.L.S.** (Florida State University) University Librarian

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

**Verna Urbanski, M.A.** (University of Kansas) M.L.S. (State University of New York — Albany) University Librarian

**Susana P. Urbina, Ph.D.** (Fordham University) Professor, Department of Psychology

**Brian K Urso, M.M.** (Western Michigan University) Visiting Assistant Professor, Department of Music (General Music)

**M. Reza Vaghefi, Ph.D.** (Michigan State University) Professor, Department of Management (Management)

**Kristen Vandenberg, M.S.N., R.N.** (Georgia Baptist College of Nursing of Mercer University) Visiting Instructor, School of Nursing

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

**Royal W. VanHorn, Ph.D.** (University of Nebraska) Professor, Department of Foundations and Secondary Education (Educational Research)

**Donna Van Loock, M.S.N.** (University of North Florida) Instructor, School of Nursing

**Clement J. Van Nagel, Ph.D.** (University of Pittsburgh) Professor, Department of Exceptional Student and Deaf Education

**Susan Vasana, Ph.D.** (Queen's University) Assistant Professor, School of Engineering (Electrical Engineering)

**Kunisi S. Venkatasubban, Ph.D.** (University of Kansas) Professor, Department of Chemistry and Physics (Chemistry); Distinguished Professor, 2003

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

**Robert A. Vergenz, Ph.D.** (Rutgers University) Associate 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 Professor, Department of Economics and Geography (Geography)

**Debra Wagner, M.S.** (University of Utah) **A.R.N.P., C.N.M.**, Instructor and RN-BSN Coordinator, School of Nursing

**Ellen M. Wagner, Ph.D.** (University of Colorado) Associate Professor, Department of Philosophy

**Amy Wainwright, M.A.** (American University) Instructor, Department of English (Literature)

**Bobby E. Waldrup, Ph.D.** (University of Mississippi) **CPA**, Associate Professor, Department of Accounting and Finance (Accounting)

**F. Layne Wallace, Ph.D.** (University of North Texas) Associate Professor, School of Computing

**Susan R. Wallace, Ph.D.** (University of North Texas) Associate Professor, School of Computing

**Robb M. Waltner, M.L.S.** (University of South Florida) University Librarian

**Dongyuan "Debbie" Wang, Ph.D.** (Purdue University) Assistant Professor, Department of Psychology (Cognitive Psychology)

**Kening Wang, Ph.D.** (University of South Carolina) Assistant Professor, Department of Mathematics and Statistics (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 Professor, Department of Public Health

**Bart Welling, Ph.D.** (University of Virginia) Assistant Professor, Department of English

**Patrick Welsh, Ph.D.** (Florida State University) Associate Professor of Engineering and Executive Director of the Advanced Weather Information Systems (AWIS) Laboratory

**Jennifer K. Wesely, Ph.D.** (Arizona State University) Assistant Professor and Coordinator for the MSCJ Program, 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)

**Mary L. White, Ph.D.** (Florida State University) Visiting Instructor, Department of Economics and Geography

**David Whittinghill, Ph.D.** (University of Florida) Associate Professor, Department of Leadership, Counseling and Instructional Technology (Mental Health Counseling)

**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

**Justina M. Wilcox, B.S.** (Wayne State University) Laboratory Lecturer, Department of Biology

**James S. Wiley, Ph.D.** (Johns Hopkins University) Visiting Assistant Professor, Department of Political Science and Public Administration (Political Science)

**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)

**Steven Wilson, Ph.D.** (University of Nebraska - Omaha) Visiting Instructor, Department of Criminology and Criminal Justice

**Charles N. Winton, Ph.D.** (University of North Carolina at Chapel Hill) Professor, School of Computing

**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)

## 340 University Officers, Faculty and Staff

**Janice A. Wood, Ph.D.** (Florida State University) Associate Professor, Department of Childhood Education (Pre-K, Primary and Elementary Education)

**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

**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)

**Flavia Zanotto, Ph.D.** (University of Oxford) Visiting Assistant Professor, Department of Biology

**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)

**Ya'aqov Ziso, M.S.L.I.S.** (University of Illinois at Urbana-Champaign) Associate University Librarian

**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

**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)

**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

**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

**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

**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

**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

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

**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

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

**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

**Gerson Yessin, Mus.D.** (Florida State University) Professor Emeritus and Founding Chair, Department of Music; Distinguished Professor, 1986

### **Naval Science (NROTC) Staff Officers**

**Mark Adrick, M.A.** (U. S. Naval War College) Captain, U.S. Navy, Professor of Naval Science

**Edward Simmons, M.S.** (Central Michigan University) Commander, U.S. Navy, Instructor

**Montgomery Erfourth, B.A.** (University of Florida) Major, USMC, Marine Instructor

**Kimberly D. Bynum, B.S.** (Florida A & M University) Lieutenant, U.S. Navy, Instructor

**Jacob A. Foret, B.S.** (U. S. Naval Academy) Lieutenant, U.S. Navy, Instructor

**Erika K. Spencer, B.S.** (U. S. Naval Academy) Lieutenant, U.S. Navy, Instructor

### **Distinguished Professors**

**Dr. Bette J. Soldwedel**, 1979 (deceased)

**Dr. Jay S. Huebner**, 1980

**Dr. Frank S. McLaughlin**, 1981

**Dr. Linda A. Foley**, 1982

**Dr. Jay A. Smith Jr.**, 1982

**Dr. Richard de R. Kip**, 1983

**Dr. Leonard J. Lipkin**, 1984 (retired)

**Dr. Thomas M. Leonard**, 1985

**Dr. Gerson Yessin**, 1986 (retired)

**Dr. Robert J. Drummond**, 1987 (retired)

**Dr. Robert W. Loftin**, 1988 (deceased)

**Dr. Steven K. Paulson**, 1989

**Dr. William R. Slaughter**, 1990

**Mr. Andrew Farkas**, 1991 (retired)

**Dr. James B. Crooks**, 1992 (retired)

**Mr. William A. Brown**, 1993 (deceased)

**Dr. John C. Maraldo**, 1994

**Dr. Jerzy Karylowski**, 1995

**Dr. Daniel L. Schafer**, 1996

**Dr. E. Allen Tilley**, 1997

**Dr. David T. Courtwright**, 1998

**Dr. Richard B. Bizot**, 1999

**Dr. Chudley E. Werch**, 2000

**Ms. Charlotte N. Mabrey**, 2001

**Dr. Elizabeth L. Furdell**, 2002

**Dr. Kunisi S. Venkatasubban**, 2003

**Dr. William J. Wilson**, 2004 (retired)

**Dr. B. Jay Coleman**, 2005

**Dr. Theophilus C. Prousis**, 2006

**Ms. Louise Freshman Brown**, 2007

### **Outstanding Undergraduate Teacher Awards**

**Dr. William J. Herrold Jr.**, 1984 (retired)

**Dr. Robert W. Loftin**, 1984 (deceased)

**Dr. Yap S. Chua**, 1985

**Dr. Kenneth M. Jennings**, 1985

**Dr. E. Allen Tilley**, 1986

**Ms. Kathaleen C. Bloom**, 1986

**Dr. Christine E. Rasche**, 1987

**Dr. Sharon T. Weaver**, 1987

**Ms. Bettie M. Adams**, 1988

**Dr. Ray Bowman**, 1988

**Dr. Lawrence K. Carpenter**, 1988 (deceased)

**Dr. Virginia S. Raiser**, 1988

**Dr. Mary Sue Terrell**, 1988

**Dr. William J. Wilson**, 1988 (retired)

**Dr. Mary Borg**, 1989

**Dr. Linda Foley**, 1989

**Dr. Elizabeth Furdell**, 1989

**Dr. John McEldowney**, 1989

**Dr. James Mittelstadt**, 1989 (retired)

**Dr. Charles Winton**, 1989

**Dr. Joan Bray**, 1990

**Dr. Faiz Al-Rubae**, 1990

**Dr. Paul M. Mason**, 1990

**Dr. F. Layne Wallace**, 1990

**Ms. Louise Brown**, 1991

**Dr. William F. Prince**, 1991

**Dr. M. Sue Terrell**, 1991

**Dr. Ellinor A. Scheirer**, 1991

**Dr. Kunisi S. Venkatasubban**, 1991

**Ms. Diana L. Tanner**, 1992

**Dr. Mary Elizabeth D'Zamko**, 1992 (retired)

**Dr. Mary Lofton Grimes**, 1992 (deceased)



Dr. Christine E. Rasche, 1992  
Dr. Susan R. Wallace, 1992  
Dr. Otilia Salmon, 1993  
Dr. Tayeb Giuma, 1993  
Dr. Reza Vaghefi, 1993  
Mr. Paul Ladnier, 1993  
Dr. William Herrold, 1993 (retired)  
Dr. Ping Sa, 1994  
Dr. William Tomlinson, 1994 (retired)  
Dr. John Tucker, 1994  
Dr. William J. Wilson, 1994 (retired)  
Dr. Simin Vaghefi, 1994  
Dr. Edward A. Healy, 1995  
Dr. Leonard J. Lipkin, 1995  
Dr. Debra Murphy, 1995  
Dr. Terry R. Tabor, 1995  
Dr. Cheryl J. Frohlich, 1995  
Dr. Jeffrey E. Michelman, 1995  
Dr. Pamela S. Chally, 1996  
Mr. Donald Zentz, 1996  
Ms. Diana L. Tanner, 1996  
Dr. Adel N. Boules, 1996  
Dr. Joseph A. Butler, 1996  
Dr. Paula Horvath-Neimeyer, 1996  
Dr. Janet E. Bosnick, 1997  
Dr. James B. Crooks, 1997 (retired)  
Dr. Virginia M. Duff, 1997  
Dr. Bruce A. Gutknecht, 1997  
Dr. Douglas M. Kleiner, 1997  
Dr. Katherine M. Robinson, 1997  
Dr. Michael P. Smith, 1997  
Dr. David T. Courtwright, 1998  
Dr. Patricia H. Foster, 1998  
Dr. Betty G. Gilkison, 1998  
Dr. Scott H. Hochwald, 1998  
Dr. Edward A. Johnson, 1998  
Dr. Samuel Kimball, 1998  
Dr. Pamela A. Monteleone, 1998  
Dr. Janice A. Wood, 1998  
Dr. Faiz Al-Rubae, 1999  
Mr. Kevin S. Bales, 1999  
Dr. Elizabeth L. Furdell, 1999  
Dr. Doreen Radjenovic, 1999  
Dr. Eric W. Robinson, 1999  
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-Rubaei, 2001  
Dr. William H. Tomlinson, 2001 (retired)  
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 (retired)  
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-Esquerria, 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

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# Appendix B General Education Requirements

## Native or Transfer Students with 0-59 (Freshman/Sophomore) Semester Hours \*\*\*

<b>English Composition:</b>		<b>9 Semester Hours</b>	<b>Social Sciences:</b>		<b>6 Semester Hours</b>
Required:	* ENC 1101 G(W) College Writing	3	Part A: Introductory Social Science. Choose 1:		
	** LIT 2000 G(W) Introduction to Literature	3	AMH 2020 U.S. History Since 1877		3
	LIT 2932 G(W) Themes and Types in Literature	3	CCJ 2002 Crime in America		3
<i>G(W) Courses require evaluated college-level writing and must be completed with a grade of C or higher.</i>			ECO 2013 Principles of Macroeconomics		3
* ENC 1101 is a prerequisite for LIT 2000 and LIT 2932.			POS 2041 Introduction to American Government		3
** LIT 2000 is a prerequisite for LIT 2932.			PSY 2012 Introduction to Psychology		3
			SYG 2000 Introduction to Sociology		3
<b>Mathematics:</b>		<b>6 Semester Hours</b>	Part B: CD - Cultural Diversity. Subject different from Part A. Choose 1:		
Pending Math Placement. Some majors require specific courses. Consult your advisor.					
Choose 2:	MGF 1106 G(M) Finite Math	3	* ANT 2000 CD-Introduction to Anthropology		3
	MGF 1107 G(M) Explorations in Mathematics	3	* GEO 2420 CD-Cultural Geography		3
	MGF 1113 G(M) Mathematics for Teachers I	3	ANT 2303 CD-Kinship and Family		3
	MAC1105 G(M) College Algebra	3	ASN 2003 CD-Introduction to Asia		3
	MAC1147 G(M) Precalculus	4	MMC 2701 CD-Communicating Across Cultures		3
	STA 2014 G(M) Elem. Stat. for Health & Soc. Sci.	3	PUP 2312 CD-Race/Gender/Politics		3
	* MAC2233 G(M) Calculus for Business	3	REL 2300 CD-Comparative Religion		3
	* STA 2023 G(M) Elemen. Statistics for Business	3	SYG 2013 CD-Sex, Race and Social Class		3
	MAC2311 G(M) Calculus I (Prereq. MAC 1147)	4	* Can satisfy either Part A or Part B but <b>NOT BOTH</b> .		
	MAC2312 G(M) Calculus II	4	A complete list of CD courses are listed with the online schedule each semester.		
* Prerequisite MAC 1105 or 1147			<b>Natural Sciences:</b>		
At least one course must have a mathematical prefix. G(M) Courses must be completed with a grade of C or higher.			<b>6 Semester Hours</b>		
<b>Humanities:</b>		<b>9 Semester Hours</b>	Some majors require specific courses. Consult your advisor.		
a) Choose 1:	EUH 1000 G(W) Freshman Core I	3	Select (2) Sciences for a total of 6.0 credit hours. At least one must be a lab science (courses including a lab are designated with a "C" in the course number).		
	EUH 1001 G(W) Freshman Core II	3	AST 2002 Astronomy		3
b) Choose 1:	PHI 2010 G(W) Introduction to Philosophy	3	AST 2002L Astronomy Lab		1
	PHI 2100 G(W) Reasoning and Critical Thinking	3	BSC 1005C Principles of Biology		4
	PHI 2630 G(W) Contemporary Ethical Issues	3	BSC 1010C General Biology		4
<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>			BSC 1930 Current Application in Biology		2
c) Choose 1:	ARH 2000 Art Appreciation	3	CHM 1025C Introduction to Chemistry		3
	MUH 2012 Enjoyment of Music	3	CHM 2045C General Chemistry I		4
	MUH 2017 The History and Appreciation of Rock	3	ESC 2000C Earth Science		3
	MUH 2018 The Evolution of Jazz	3	* HUN 1001 Introduction to Nutrition Science		2
	ARH 2050 Art History Survey I	3	ISC 2074 Colonizing Space		2
	ARH 2051 Art History Survey II	3	PHY 1020C Introduction to Physics		3
	MUT 1111 Theory I (Music dept. permission required.)	3	PHY 2053 Algebra Physics I		3
Additional ARH/HUM/MUH courses may be taken to fulfill the non-applied fine art requirement.			PHY 2053L Algebra Physics I Lab		1
			PHY 2048 Calculus Physics I		4
			PHY 2048L Calculus Physics I Lab		1
			* Prerequisite BSC 1005C		
			<b>Total:</b>		
			<b>36 Semester Hours</b>		
*** This program meets the requirements for the UNF Associate in Arts (AA) degree. The award of the AA requires 60 semester hours.					

## Transfer Students with 60+ (Junior/Senior) Semester Hours \*\*

Refer to Appendix C for a list of courses that will satisfy the Gordon Rule Composition and Mathematics requirements.

<b>Composition:</b>		<b>9 Semester Hours</b>	<b>Humanities:</b>		<b>9 Semester Hours</b>
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>			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.		
<b>Mathematics:</b>		<b>6 Semester Hours</b>	<b>Natural Sciences:</b>		
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>			<b>6 Semester Hours</b>		
Six credit hours of laboratory science in astronomy, biology, chemistry, geology or physics. This requirement may be fulfilled with two 3.0 hour lab-sciences or a four hour lab-science and a two or three hour lecture course.			<b>Total:</b>		
<b>Social Sciences:</b>		<b>6 Semester Hours</b>	<b>36 Semester Hours</b>		
a) Any semester-length course selected from the following: anthropology, economics, geography, history, political science, psychology, or sociology.					
b) A social science course from a different disciplinary area from that selected above and which has significant emphasis on cultural diversity in anthropology, economics, geography, history, political science, psychology or sociology.					
**Approved upper division courses may be used to satisfy these requirements.					

## 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 Semester Hours**



# Appendix C College-Level Communication and 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 postsecondary institution, college or university after October 1982.

The communications component of the rule requires students to complete “Six (6) semester hours of English coursework and six (6) semester 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 9 semester hours of English course work, 3 semester hours of freshman core and 3 semester 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 semester 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
ENG 3132	G(W)	Studies in Film
ENG 3603	G(W)	American Film
ENG 4013	G(W)	Approaches to Literary Interpretations
ENG 4505	G(W)	International Film
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
HIS 3051	G(W)	The Craft of the Historian
LIT 2000	G(W)	Introduction to Literature
LIT 2930	G(W)	Special Topics in Literature
LIT 2932	G(W)	Themes and Types in 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 4935	G(W)	Literary Themes
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.)

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
MAS 3105	G(M)	Linear Algebra
MAS 3203	G(M)	Number Theory
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 3404	G(M)	History of Mathematics
MTG 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 3163	G(M)	Statistical Methods I
STA 3164	G(M)	Statistical Methods II

**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
History	BA
Interdisciplinary Science	BS
International Studies	BA
Liberal Studies	BA
Mathematics	BA
Mathematics	BS
Music	BA
Music — Jazz Studies	BM
Music — Performance — Piano	BM
Music — Performance — Strings	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

Anthropology	English	Philosophy - Culture & Philosophy
Applied Statistics	Environmental Studies	Philosophy - Law & Philosophy
Art - History	Film Studies	Physics
Art - Photography	French	Political Science
Art - Studio	Gender Studies	Psychology
Asian Studies	History	Public Administration
Biology	International Studies	Religious Studies
Chemistry	Latin American Studies	Social Welfare
Classical Civilization	Mass Communications	Sociology
Communications Studies	Mathematics	Spanish
Criminal Justice	Music - History	Statistics
Drama	Philosophy	Urban and Metropolitan Studies
Economics	Philosophy - Applied Ethics	

### 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

Building Construction	BS
Construction Management Track	
Civil Engineering	BS
Computer and Information Science	BS
Computer Science Track	
Information Science Track	
Information Systems Track	
Electrical Engineering	BSEE
Computer Design	
System Design	
Mechanical Engineering	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	BAE
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	BS
Health Administration	BHA
Health	BSH
Community Health	
Nutrition and Dietetics	
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
Building Construction Management (in partnership with CCOB)	

### College of Education and Human Services

Professional Education
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### Brooks College of Health

Public Health
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# Appendix E

## Cultural Diversity Requirement

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### Cultural Diversity Requirement

The following courses will meet the cultural diversity requirement in the UNF general education program.

* ANT 2000	Introduction to Anthropology
* ANT 2303	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
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 & sophomore students are restricted to enrollment in 2000-level courses.



# Appendix F

## State Foreign Language Requirement

**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	
CHI	1121	Beginning Chinese II	4 hours	
CHI	2200	Intermediate Chinese I	3 hours	
CHI	2201	Intermediate Chinese II	3 hours	
FOL	1950	Beginning Foreign Language Study Abroad	3 - 6 hours	
FOL	2930	Beginning Foreign Language I	4 hours	
FOL	2931	Beginning Foreign Language II	4 hours	
**	FOL	2952	Intermediate Foreign Language Study Abroad	3 - 6 hours
**	FOL	3930	Special Topics in Foreign Language	2 - 4 hours
**	FOL	3953	Advanced Foreign Language Study Abroad	3 - 6 hours
FRE	1120	Beginning French I	4 hours	
FRE	1121	Beginning French II	4 hours	
FRE	2240	Intermediate French I	3 hours	
FRE	2241	Intermediate French II	3 hours	
GER	1120	Beginning German I	4 hours	
GER	1121	Beginning German II	4 hours	
GER	2200	Intermediate German I	3 hours	
GER	2201	Intermediate German II	3 hours	
JPN	1120	Beginning Japanese I	4 hours	
JPN	1121	Beginning Japanese II	4 hours	
LAT	1120	Beginning Latin I	4 hours	
LAT	1121	Beginning Latin II	4 hours	
POR	1120	Beginning Portuguese I	4 hours	
POR	1121	Beginning Portuguese II	4 hours	
POR	2200	Intermediate Portuguese I	3 hours	
POR	2201	Intermediate Portuguese II	3 hours	
RUS	1120	Beginning Russian I	4 hours	
RUS	1121	Beginning Russian II	4 hours	
RUS	2200	Intermediate Russian I	3 hours	
RUS	2201	Intermediate Russian II	3 hours	
SPA	2612	American Sign Language I	4 hours	
SPA	2613	American Sign Language II	4 hours	
SPN	1120	Beginning Spanish I	4 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. This numbering system is used by all public postsecondary institutions in Florida and 33 participating non-public institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to 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 "course equivalency 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 35 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 science and 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 nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students.

**Exceptions to the General Rule for Equivalency** 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. Courses with the last three digits ranging from 900-999 (e.g., ART 2905)
- C. College preparatory and vocational preparatory courses
- D. Internships, practical, clinical experiences, and study abroad courses with numbers other than those ranging from 900-999
- E. Applied performance or studio courses in Art, Dance, Interior Design, Music and Theatre
- F. Skills courses in Criminal Justice
- G. Graduate courses
- H. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to (Name of Institution Statewide Course Numbering System Contact) in the (Office where Institution Contact may be located) or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, 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, 4567 St. Johns Bluff Road South, Jacksonville, Florida 32224-2645, (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](http://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 Police Building (41), on the campus of the University of North Florida. The Police Department provides continuous security and law enforcement 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 Plant 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 Plant personnel, 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 and the UNF Student 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 disciplinary action and 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 <http://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 data base 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 data base at: [http://www3.fdle.state.fl.us/sexual\\_predators/](http://www3.fdle.state.fl.us/sexual_predators/)

## Crimes Reported by 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						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		
	2004		2005		2006		2004		2005		2006		2004		2005		2006		2004	2005	2006
	Other	Res	Other	Res	Other	Res	Other	Res	Other	Res	Other	Res	Other	Res	Other	Res	Other	Res			
Murder/Homicide	0	0	0	0	0	0	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	0	0	0	0	0	0
Forcible Sex/Rape	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Forcible Sex/Rape	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robbery	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Aggravated Assault	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Burglary	8	10	1	5	2	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Arson	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor Vehicle Theft	1	3	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Hate Crimes (by prejudices)	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0
Gender	0	0	0	0	0	0	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	0	0	0	0	0	0
Sexual Orientation	0	0	0	0	0	0	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	0	0	0	0	0	0
Disability	0	0	0	0	0	0	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	3	22	4	51	0	96	0	0	0	0	0	25	55	96
Referral	0	104	2	103	0	177	0	0	0	0	0	104	105	177
Drug Law Violations:														
Arrest	7	22	16	49	0	48	0	0	0	0	0	29	65	48
Referral	0	14	0	21	0	12	0	0	0	0	0	14	21	12
Weapons Law Violations:														
Arrest	0	0	0	1	0	2	0	0	0	0	0	0	1	2
Referral	0	1	0	0	0	0	0	0	0	0	0	1	0	0

### Crimes Reported to University Officials or Other Law Enforcement Agencies

This chart includes offenses/incidents that were reported to local law enforcement (other than the University Police) and to any official of the University who has significant responsibilities for student and campus activities. **Incidents not reported to a law enforcement agency are not verified.**  
Some of these incident numbers could be duplicated and/or be a civil offense and not criminal in nature.

Offense Type (includes attempts)	Total Crimes Reported UNF Campus						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		
	2004		2005		2006		2004	2005	2006	2004	2005	2006	2004	2005	2006	2004	2005	2006			
	Other	Res	Other	Res	Other	Res															
Murder/Homicide	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Negligent Manslaughter	0	0	0	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	0	0	0			
Non-Forcible Sex/Rape	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Robbery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Aggravated Assault	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0			
Burglary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Arson	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Motor Vehicle Theft	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Hate Crimes (by prejudices)	0	0	0	0	0	0	0	0	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	0	0	0			
Gender	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Religion	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0			
Sexual Orientation	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0			
Ethnicity	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0			
Disability	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral	0	0	2	5	0	21	0	0	0	0	0	0	0	0	7	21	0
Drug Law Violations:																	
Arrest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Weapons Law Violations:																	
Arrest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Referral	0	0	0	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	3.0 hours Non-Applied Fine Art
Art History	ARH 2050 & ARH 2051	4, 5	3.0 hours Non-Applied Fine Art/prerequisite 3.0 hours Non-Applied Fine Art/prerequisite
Biology	BSC 1005C	3	4.0 hours Lab-Science
Biology	BSC 1010C	4	4.0 hours Lab-Science
Biology	BSC 1010C & BSC 1011C	5	8.0 hours Lab-Science
Calculus AB	MAC 2311	3, 4, 5	4.0 hours Gordon Rule Mathematics
Calculus BC	MAC 2311	3	4.0 hours Gordon Rule Mathematics
Calculus BC	MAC 2311 & MAC 2312	4, 5	8.0 hours Gordon Rule Mathematics
Chemistry	CHM 1020C	3	4.0 hours Lab-Science
Chemistry	CHM 2045C	4	4.0 hours Lab-Science
Chemistry	CHM 2045C & CHM 2046C	5	8.0 hours Lab-Science
**Chinese Language & Culture	CHI 2200	3	3.0 hours Foreign Language
**Chinese Language & Culture	CHI 2200 & CHI 2201	4, 5	6.0 hours Foreign Language
Computer Science A	CGS 1075	3, 4, 5	3.0 hours Elective
Computer Science AB	CGS 1076	3, 4, 5	3.0 hours Elective
Economics: Macro	ECO 2013	3, 4, 5	3.0 hours Part A Social Science
Economics: Micro	ECO 2023	3, 4, 5	3.0 hours Elective/prerequisite
Environmental Science	ISC 1051	3, 4, 5	3.0 hours Non-Lab Science
European History	EUH 1009	3	3.0 hours Core GR Writing
European History	EUH 1000 & EUH 1001	4, 5	3.0 hours Core I GR Writing 3.0 hours Core II GR Writing
**French Language	FRE 2240	3	3.0 hours Foreign Language
**French Language	FRE 2240 & FRE 2241	4, 5	6.0 hours Foreign Language
**French Literature	FRW 3100	3	3.0 hours Elective
**French Literature	FRW 3100 & FRW 3101	4, 5	6.0 hours Elective

**German Language	GER 2200	3	3.0 hours Foreign Language
**German Language	GER 2200 & GER 2201	4, 5	6.0 hours Foreign Language
Government and Politics: Comparative	CPO 2002	3, 4, 5	3.0 hours Elective
Government and Politics: United States	POS 2041	3, 4, 5	3.0 hours Part A Social Science
Human Geography	GEO 2400	3, 4, 5	3.0 hours Cultural Diversity Social Science
**Italian Language & Culture	ITA 2200	3	3.0 hours Foreign Language
**Italian Language & Culture	ITA 2200 & ITA 2201	4, 5	6.0 hours Foreign Language
**Japanese Language & Culture	JPN 2200	3	3.0 hours Foreign Language
**Japanese Language & Culture	JPN 2200 & JPN 2201	4, 5	6.0 hours Foreign Language
*Language & Composition	ENC 1101	3	3.0 hours English GR Writing
*Language & Composition	ENC 1101 & ENC 1102	4, 5	3.0 hours English GR Writing
**Latin Literature	LNW 2700	3, 4, 5	3.0 hours Elective
**Latin: Virgil	LNW 2321	3, 4, 5	3.0 hours Elective
*Literature & Composition	ENC 1101	3	3.0 hours English GR Writing
*Literature & Composition	ENC 1101 & ENC 1102	4, 5	6.0 hours English GR Writing
Music Theory	MUT 1001	3 composite	3.0 hours Elective
Music Theory	MUT 1111 & MUT 1241	3, 4, 5 if both aural and non-aural sub-scores are 3 or higher	6.0 hours Non-Applied Fine Art/Prerequisite
Physics B	PHY 2053C	3	4.0 hours Lab-Science
Physics B	PHY 2053C & PHY 2054C	4, 5	8.0 hours Lab-Science
Physics C: Electricity/Magnetism	PHY 2054C	3	4.0 hours Lab-Science
Physics C: Electricity/Magnetism	PHY 2049C	4, 5	4.0 hours Lab-Science
Physics C: Mechanics	PHY 2053C	3	4.0 hours Lab-Science
Physics C: Mechanics	PHY 2048C	4, 5	4.0 hours Lab-Science
Psychology	PSY 2012	3, 4, 5	3.0 hours Part A Social Science
**Russian Language & Culture	RUS 2200	3	3.0 hours Foreign Language
**Russian Language & Culture	RUS 2200 & RUS 2201	4, 5	6.0 hours Foreign Language
**Spanish Language	SPN 2200	3	3.0 hours Foreign Language
**Spanish Language	SPN 2200 & SPN 2201	4, 5	6.0 hours Foreign Language
**Spanish Literature	SPW 3030	3	3.0 hours Elective
**Spanish Literature	SPW 3030 & SPW 3000	4, 5	6.0 hours Elective
Statistics	STA 2014	3, 4, 5	3.0 hours Gordon Rule Mathematics

Studio Art: Drawing Portfolio	ART 1300C	3, 4, 5	3.0 hours Prerequisite/elective
Studio Art: 2-Dimensional Design Portfolio	ART 1201C	3, 4, 5	3.0 hours Prerequisite/elective
Studio Art: 3-Dimensional Design Portfolio	ART 2203C	3, 4, 5	3.0 hours Prerequisite/elective
U. S. History	AMH 1000	3	3.0 hours Elective
U. S. History	AMH 2020 & AMH 2010	4, 5	3.0 hours Part A Social Science 3.0 hours Elective
World History	WOH 2022	3, 4, 5	3.0 hours Core II GR Writing

\* Students will not receive English credit for both exams. If a student passes both exams, one will reflect 6.0 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

IB Course	International Baccalaureate Credit — Higher Level		
	Equivalent UNF Course	IB Score*	UNF Credit Received
Biology	BSC 1005C	4	4.0 hours Lab-Science
Biology	BSC 1005C & BSC 1010C	5, 6, 7	4.0 hours Lab-Science 4.0 hours Lab-Science
Business and Management	GEB 1011	4	3.0 hours
Business and Management	GEB 1011 & MAN 2652	5, 6, 7	3.0 hours 3.0 hours
Chemistry	CHM 1020C	4	4.0 hours Lab-Science
Chemistry	CHM 1020C & CHM 2045C	5, 6, 7	4.0 hours Lab-Science 4.0 hours Lab-Science
Computer Science	CGS 1078	4	3.0 hours Free Elective
Computer Science	CGS 1078 & CGS 1570	5, 6, 7	3.0 hours Free Elective 3.0 hours Free Elective
Design Engineering	ETI 1410	4	3.0 hours Free Elective
Design Engineering	ETI 1410 & ETI 1000	5, 6, 7	3.0 hours Free Elective 3.0 hours Free Elective
Economics	ECO 1000	4	3.0 hours Free Elective
Economics	ECO 2013 & ECO 2023	5, 6, 7	3.0 hours Part A Social Science 3.0 hours Free Elective
English A1	ENC 1101	4	3.0 hours English GR Writing
English A1	ENC 1101 & ENC 1102	5, 6, 7	3.0 hours English GR Writing 3.0 hours Literature GR Writing
Environmental Systems	ISC 1050	4	3.0 hours Non-Lab Natural Science
Environmental Systems	ISC 1050 & BSC 3057	5, 6, 7	3.0 hours Non-Lab Science 3.0 hours Non-Lab Science
Film Studies	FIL 1001	4	3.0 hours Elective
Film Studies	FIL 1001 & FIL 1002	5, 6, 7	3.0 hours Elective 3.0 hours Elective
French	FRE 1121	4	4.0 hours Foreign Language
French	FRE 1121 & FRE 2240	5, 6, 7	4.0 hours Foreign Language 3.0 hours Foreign Language
Further Mathematics (Advanced Mathematics)	MHF 3202	4	3.0 hours GR Math
Further Mathematics (Advanced Mathematics)	MHF 3202 & MHF 2209	5, 6, 7	3.0 hours GR Math 3.0 hours GR Math
Geography	GEA 1000	4	3.0 hours Cultural Diversity Social Science
Geography	GEO 2200 & GEO 2400	5, 6, 7	3.0 hours Free Elective 3.0 hours Cultural Diversity Social Science

German	GER 1121	4	4.0 hours Foreign Language
German	GER 1121 & GER 2200	5, 6, 7	4.0 hours Foreign Language 3.0 hours Foreign Language
History	WOH 1030	4	3.0 hours GR Core
History	WOH 1030 & EUH 1000 <b>or</b> AMH 2020 (based on test title)	5, 6, 7	3.0 hours GR Core 3.0 hours GR Core <b>or</b> 3.0 hours Social Science Part A
Information & Technology for a Global Society	CGS 1078	4	3.0 hours Elective
	CGS 1078 & CGS 1100	5, 6, 7	3.0 hours Elective 3.0 hours Elective
Islamic History	ASH 3223	4	3.0 hours Cultural Diversity Social Science
	ASH 3223 & ASH 1000	5, 6, 7	3.0 hours Cultural Diversity Social Science 3.0 hours Elective
Latin	LAT 1120	4	4.0 hours Elective
Latin	LAT 1120 & LAT 1230	5, 6, 7	4.0 hours Elective 3.0 hours Elective
Math Methods	MAC 1105	4	3.0 hours GR Math
Math Methods	MAC 1105 & MAC 1140	5	3.0 hours GR Math 4.0 hours GR Math
Math Methods	MAC 1140 & MAC 2233	6, 7	4.0 hours GR Math 3.0 hours GR Math
Mathematics	MAC 1147	4	4.0 hours GR Math
Mathematics	MAC 1147 & MAC 2233	5	4.0 hours GR Math 3.0 hours GR Math
Mathematics	MAC 2233 & MAC 2311	6, 7	3.0 hours GR Math 4.0 hours GR Math
Math Studies	MAT 1033	4	3.0 hours Free Elective
Math Studies	MAT 1033 & MGF 1106	5, 6, 7	3.0 hours Free Elective 3.0 hours GR Math
Music	MUL 1010	4	3.0 hours Non-Applied Fine Art
Music	MUL 1010 & MUL 1000	5, 6, 7	3.0 hours Non-Applied Fine Art 3.0 hours Free Elective
Philosophy	PHI 2010	4	3.0 hours GR Philosophy
Philosophy	PHI 2010 & PHI 1000	5, 6, 7	3.0 hours GR Philosophy 3.0 hours Free Elective
Psychology	PSY 2012	4	3.0 hours Part A Social Science
Psychology	PSY 2012 & PSY 1000	5, 6, 7	3.0 hours Part A Social Science 3.0 hours Free Elective
Physics	PHY 1020C	4	4.0 hours Lab-Science
Physics	PHY 1020C & PHY 1009	5	4.0 hours Lab-Science 3.0 hours Non-Lab Science
Physics	PHY 2053C & PHY 2054C	6, 7	4.0 hours Lab-Science 4.0 hours Lab-Science
Social Anthropology	ANT 2410	4	3.0 hours Cultural Diversity Social Science
Social Anthropology	ANT 2410 & ANT 1000	5, 6, 7	3.0 hours Cultural Diversity Social Science 3.0 hours Free Elective
Spanish	SPN 1121	4	4.0 hours Foreign Language
Spanish	SPN 1121 & SPN 2200	5, 6, 7	4.0 hours Foreign Language 3.0 hours Foreign Language

Theatre Arts	THE 2000	4	3.0 hours Non-Applied Fine Art
Theatre Arts	THE 2000 & THE 2001	5, 6, 7	3.0 hours Non-Applied Fine Art 3.0 hours Free Elective
Visual Arts	ART 1012	4	3.0 hours Free Elective
Visual Arts	ART 1012 & ART 1201C	5, 6, 7	3.0 hours Elective 3.0 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. Completion of the total IB Program will enable students to enter UNF at the sophomore level. These charts can be used as a guide to determine the type and amount of credit you will receive at UNF. Please read the following statements:

- Students who have been awarded the IB Diploma shall be awarded up to thirty (30) semester credits in the subject areas in which they scored four (4) or above on IB Diploma program examinations.
- Students without the IB Diploma shall be awarded up to six (6) semester credits in the subject areas of each IB higher level examination on which they scored five (5) points or above.
- Students without the IB Diploma will not be awarded credit for Subsidiary Level exams regardless of the score on the IB test.
- 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
American Literature	ALM 2010 & AML 2020	55	6.0 hours Elective
Analyzing & Interpreting Literature	LIT 2000	50	3.0 hours Literature
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 Composition without Essay	ENC 1000	50	3.0 hours Elective
English Literature	ENL 1000	50	3.0 hours Elective
English Literature	ENL 2011 or ENL 2012 ENL 2022	55	6.0 hours GR Elective
French	FRE 1120	50	4.0 hours Foreign Language
French	FRE 1120 & FRE 1121	62	8.0 hours Foreign Language
Freshman College Composition	ENC 1000	50	3.0 hours Elective
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	54	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 1XXX	50	3.0 hours Elective
Introductory Business Law	BUL X241	50	3.0 hours Elective
Introductory Educational Psychology	EDP X002	50	3.0 hours Elective
Introductory Psychology	PSY 2012 or PSY 2013	50	3.0 Part A Social Science
Introductory Sociology	SYG 2000	50	3.0 Part A Social Science
Natural Sciences		50	6.0 hours
Pre-Calculus	MAC 1147	50	4.0 hours GR Mathematics
Principles of Accounting	ACG 2001	50	3.0 hours Elective
Principles of Macroeconomics	ECO 2013	50	3.0 hours Part A Social Science
Principles of Management	MAN X021	50	3.0 hours Elective
Principles of Marketing	MAR X011	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.





# Appendix M

## Alphabetical Course Listing

Prefix	Number	Title	Page	Prefix	Number	Title	Page
ACG	2021	Principles of Financial Accounting	220	AMH	3672	Atlantic Slave Trade	162
ACG	2071	Principles of Managerial Accounting	220	AMH	3673	The Civil Rights Movement	163
ACG	3103	Intermediate Accounting Problems and Concepts I	220	AMH	3932	Selected Topics: US History	163
ACG	3113	Intermediate Accounting Problems and Concepts II	220	AMH	4291	Seminar: 20th Century America	163
ACG	3123	Intermediate Accounting Problems and Concepts III	220	AMH	4390	Seminar: 19th Century U.S.	163
ACG	3501	Fund Accounting	220	AMH	4491	Seminar: Local History	163
ACG	4201	Advanced Accounting	220	AMH	4497	Seminar: History of the American City	163
ACG	4251	International Accounting	220	AMH	4514	Seminar: U.S. Diplomacy	163
ACG	4361	Cost Accounting	220	AMH	4906	Directed Individual Study	163
ACG	4381	Controllership	220	AML	3031	G(3) Periods of Early American Literature	167
ACG	4401	Accounting Information Systems	220	AML	3041	G(3) Periods of Later American Literature	167
ACG	4621	EDP Auditing and Control	220	AML	3102	G(3) American Fiction	167
ACG	4651	Auditing	220	AML	3154	American Poetry	167
ACG	4671	Fundamentals of Internal Auditing	220	AML	3621	G(3) Black American Literature	167
ACG	4682	Forensic Accounting	220	AML	4225	Studies in 19th Century American Literature	167
ACG	4901	Directed Independent Study in Accounting	220	AML	4242	Studies in 20th Century American Literature	167
ACG	4931	Special Topics in Accounting	221	ANT	2000	(CD) Introduction to Anthropology	146
ACG	4941	Accounting Internship	221	ANT	2100	Introduction to Archaeology	146
ACG	4944	Small Business Counseling	221	ANT	2303	(CD) Kinship and the Family in a Cross-cultural Perspective	146
ACG	4956	Study Abroad in Accounting	221	ANT	2930	(CD) Special Topics in Anthropology	146
ADV	3008	Principles of Advertising	156	ANT	3212	(CD/FC) Peoples and Cultures of the World	146
ADV	3101	Advertising Copy Writing	156	ANT	3243	Comparative Muslim Cultures	146
ADV	3200 C	Advertising Design	156	ANT	3311	(FC) Indians of the Southeastern U.S.	146
ADV	3300	Media Planning	156	ANT	3312	(CD/FC) North American Indians	146
ADV	4800	Advertising Campaigns	156	ANT	3340	Anthropology of the West Indies	146
AFH	3450	South Africa	161	ANT	3443	The City and Health	146
AMH	2000	United States History Survey	161	ANT	3513	Principles of Physical Anthropology	146
AMH	2010	U.S. History to 1877	161	ANT	3610	Linguistic Anthropology	146
AMH	2020	U.S. History since 1877	161	ANT	3740	Introduction to Forensic Sciences	146
AMH	3111	Early America	161	ANT	3933	Seminar in Anthropology	147
AMH	3130	American Revolution/Constitution	161	ANT	4034	Survey of Anthropological Theories	147
AMH	3150	Age of Jefferson and Jackson	161	ANT	4083	Quantitative Methods in Anthropology	147
AMH	3170	Civil War/Reconstruction	162	ANT	4192	Archaeological Research Strategy	147
AMH	3192	Mark Twain's America	162	ANT	4241	Anthropology of Religion	147
AMH	3202	The U.S. Since World War I	162	ANT	4274	Political Anthropology	147
AMH	3220	Making of Modern America, 1877-1920	162	ANT	4331	People of the Andes	147
AMH	3233	U.S. in the 1920s	162	ANT	4352	(FC) Peoples and Cultures of Africa	147
AMH	3312	Gender in the United States	162	ANT	4362	(FC) Peoples and Cultures of Southeast Asia	147
AMH	3402	History of the Old South	162	ANT	4444	Cities and Globalization	147
AMH	3403	History of the New South	162	ANT	4495	Cross Cultural Methods	147
AMH	3420	Florida History	162	ANT	4620	Language, Culture, and Society	147
AMH	3440	The Frontier in American History	162	ANT	4801	Ethnographic Methods	147
AMH	3444	(CD) Peoples of the American West	162	ANT	4905	Directed Independent Study in Anthropology	147
AMH	3460	American Cities and Suburbs	162	ANT	4931	Selected Topics in Cultural Anthropology	147
AMH	3511	The U.S. in World Affairs	162	ARE	4313	Art Methods for Elementary Teachers	284
AMH	3530	(CD) The Peopling of America	162	ARE	4316	Art Education in Elementary Schools: An Inquiry	283
AMH	3544	The 1960s and Vietnam	162	ARE	4341	Art Education in Secondary Schools: An Inquiry	283
AMH	3571	(CD) Introduction to African-American History	162				
AMH	3590	American Biography	162				

ARE	4353	Teaching Art with a Discipline-based Focus in Grades K-12	283	BCH	3023C	Bioorganic Chemistry	154
ARH	2000	Art Appreciation	148	BCH	4033	Biochemistry	154
ARH	2050	Art History Survey I	148	BCH	4033L	Biochemistry Laboratory	154
ARH	2051	Art History Survey II	148	BCN	1013	Construction & Culture: A Built Environment	259
ARH	3170	Classical Greek and Roman Art	148	BCN	1210C	Construction Materials	259
ARH	3302	Italian Renaissance Art	148	BCN	1251	Construction Drawing	259
ARH	3319	The Art & Architecture of Michelangelo	148	BCN	2405	Introduction to Structures	259
ARH	3350	Baroque Art	148	BCN	3012	History and Introduction to Construction	259
ARH	3410	Modern European Art I	148	BCN	3223	Soils and Foundations	259
ARH	3434	Modern European Art II	148	BCN	3224	Superstructures	259
ARH	3470	Art After 1940	148	BCN	3611C	Construction Cost Estimating	259
ARH	3620	American Art Before 1940	148	BCN	3762	Building Construction Design and Codes	259
ARH	3930	Special Topics	148	BCN	3782	Intro to Construction Computing	259
ARH	4712	Photohistory 1839-1916	148	BCN	4284	Surveying: Construction Layout	259
ARH	4713	Photohistory 1916 to the Present	148	BCN	4431	Structural Systems	259
ARH	4724	Graphic Design History	148	BCN	4587C	Green Construction and Sustainability	259
ARH	4800	Aesthetics of Art	148	BCN	4591C	Mechanical and Electrical Systems	259
ARH	4801	Art Criticism	148	BCN	4612	Advanced Construction Estimating	260
ART	1201C	Two-Dimensional Design	148	BCN	4708	Construction Documents and Contracts	260
ART	1300C	Drawing I	148	BCN	4709	Construction Project Management Capstone	260
ART	2203C	Three-Dimensional Design	148	BCN	4720	Construction Project Planning and Scheduling	260
ART	2301C	Drawing II	148	BCN	4730	Construction Safety	260
ART	2330C	Figure Drawing	149	BCN	4751	Housing and Land Development	260
ART	2400C	Printmaking	149	BCN	4753	Construction Administration and Economics	260
ART	2500C	Painting Fundamentals	149	BCN	4758C	Housing and Land Development II	260
ART	2501C	Advanced Painting/Drawing	149	BCN	4801C	Industrial Construction I	260
ART	2605C	Basic Computer Images	149	BCN	4802C	Industrial Construction II	260
ART	3332C	Figure Drawing II	149	BCN	4870	Heavy/Civil Construction	260
ART	3504C	Painting Studio	149	BCN	4871	Commercial Construction	260
ART	3560C	Figurative Painting	149	BCN	4872C	Heavy Civil Construction II	260
ART	3707C	Sculpture Process	149	BCN	4873C	Commercial Construction II	260
ART	3709C	Sculpture: Intermediate	149	BCN	4900	Directed Individual Study	260
ART	3714C	Sculpture: Casting	149	BCN	4930	Special Topics/Seminars	260
ART	3765C	Ceramics: Intermediate	149	BCN	4931	Seminars: Construction Management	260
ART	3786C	Ceramics	149	BCN	4944	Construction Management Internship	260
ART	3930	Special Topics	149	BOT	2010C	Botany	152
ART	4634C	WWW and New Media Design	149	BOT	3151C	Local Flora	152
ART	4710C	Advanced Sculpture	149	BOT	3712C	Plant Systematics and Evolution	152
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FRT	3550 (FC)	Faces of France	196	GRA	4712C	Digital Video Technology	151
FRT	3551	Francophone African Literature and Cultures	196	GRA	4725C	Advanced Web Animation	151
				GRA	4940	Internship in Graphic Design	151
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FRW	3100	Survey of French Literature: Pre-19th Century	196	HIM	3116	Health Record Organization and Management	306
FRW	3101	Survey of French Literature: The Modern Period	196	HIM	4226	Diagnostic Coding II	306
				HIM	4236	Diagnostic Coding I	306
FRW	3810	Reading French Texts	196	HIM	4306	Medical Record Department Management	306
FRW	4301	Survey of French Culture Through Theater	196	HIM	4344	Medical Record Department Operations	306
FRW	4930	Special Topics in French Literature	196	HIM	4406	Health Records and Standards	306
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FSS	4230L	Field Experience in Quantity Food Preparation	306	HIS	3307	Modern War	165
				HIS	3317	History in Photography and Film	165
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GEB	2112	Planning a New Business	224	HIS	3490	History of Medicine and Disease	165
GEB	2956	Study Abroad in Business	224	HIS	3931	Topics in Law and Society	165
GEB	3124	Students in Free Enterprise Professional Development Program	224	HIS	3932	Selected Topics	165
				HIS	4906	Directed Individual Study	165
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GEB	3154	Entrepreneurial Marketing	225	HIS	4940	Internship in History	165
GEB	3361	International Business Internship	225	HIS	4970 G(3)	Senior Honors Thesis	64 & 165
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GEB	4104	Small Business Consulting	225	HSA	3109	Foundations of Managed Care	306
GEB	4113	Entrepreneurship	225	HSA	3141	Health Planning	306
GEB	4910 G(3)	Honors Research in Business Administration	64 & 225	HSA	3160	Health Care Marketing	306
				HSA	3191	Health Information Systems I	306
GEB	4941	Foundations of International Business	225	HSA	3383	Quality Management in Healthcare	306
GEB	4942	Entrepreneurial Internship	225	HSA	3710	Health Systems Analysis	306
GEB	4956	Study Abroad in Business	225	HSA	3750	Evaluation of Health Programs	306
GEO	2000	Geography for Teachers	224	HSA	4111	U.S. Health Care System	306
GEO	2200	Physical Geography	224	HSA	4151	Introduction to Health Policy	306
GEO	2420 (CD)	Cultural Geography	224	HSA	4170	Health Care Finance	307
GEO	3372	Conservation of Natural Resources	224	HSA	4193	Health Information Systems II	307
GEO	3502	Economic Geography	224	HSA	4553	Health Law and Ethics	307
GEO	3553	Cultural Dimensions of Economic Geography	224	HSA	4755	Managed Care Planning and Evaluation	307
				HSA	4850	Health Administration Internship	307
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GEO	4930	Special Topics in Geography	224	HSA	4930	Special Topics in Advanced Health Care Administration	307
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HSA	4939	Seminar in Long Term Care Administration	307	HUN	3601	Nutrition Education	310
HSA	4941	Long-Term Care Administration Internship	307	HUN	4221	Science of Nutrition	310
HSA	4970	Senior Project	307	HUN	4414	Sports Nutrition	310
HSC	1578	Food, Health, and Society	307	IDH	1002	G(6) Honors Seminar II	64
HSC	2004	Health Care Careers	307	IDH	1107	G(6) Art of Communication	64
HSC	2100	Personal Health Issues and Problems	307	IDH	1115	G(6) Classics East to West	64
HSC	2400	First Aid and Emergency Care	307	IDH	1933	Honors Special Topics	64
HSC	2930	Special Topics	307	IDH	2113	G(3) Disturbing Philosophic Questions	64
HSC	3032	Foundations of Health Education	307	IDH	2114	G(3) Music, Myth, Movies and Madness: Study of Creativity	65
HSC	3120	Consumer Issues in Healthcare	307	IDH	2122	G(3) Science, Technology, and Society	65
HSC	3212	The City and Health	308	IDH	2124	G(3) Theory and Politics of Multiculturalism	65
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HSC	3301	Health & Movement Education in the Elementary School	285	IDH	2403	G(3) Realities of the Quilt: HIV/AIDS	65
HSC	3304	Instructional Methods in Health Education	308	IDH	2405	G(3) It's Not Just Black and White: Prejudice	65
HSC	3500	Epidemiology	308	IDH	2406	G(3) Psychosocial Aspects of Violence	65
HSC	3523	History of Medicine and Disease	308	IDH	2407	G(3) Men, Masculinity, and Manhood	65
HSC	3531	Medical Terminology	308	IDH	2409	G(3) Sexuality and Spirituality	65
HSC	3551	Diseases: Prevention, Intervention, and Treatment	308	IDH	2442	G(3) Media Literacy	65
HSC	3564	Aging in America	308	IDH	2930	G(3) Live Music in Jacksonville	65
HSC	3581	Planning Health Programs	308	IDH	2934	Honors Special Topics	66
HSC	3661	Health, Human Relations, and Interpersonal Skill Building	308	IDH	2935	G(3) Honors Selected Topics	66
HSC	3712	Evaluation of Health Programs	308	IDH	3352	Florida As Text: An Ecological Inquiry	66
HSC	3713	Planning & Evaluating Health Programs	308	IDH	3408	Leadership in Contemporary America	66
HSC	4104	Lifestyle Modification	308	IDH	3621	The Healing Arts	66
HSC	4121	Alternative Healing	308	IDH	3630	G(3) Service Learning: At-Risk Youth	66
HSC	4133	Sexuality Education	308	IDH	3631	G(3) Service Learning: Health Issues	66
HSC	4134	Mental and Emotional Health Education	309	IDH	3632	G(3) Service Learning: Environmental Issues	66
HSC	4150	Substance Abuse and Violence Prevention	309	IDH	3633	G(3) Service Learning: Refugee Issues	66
HSC	4152	Signs & Symptoms of Addictive Behaviors	309	IDH	3635	G(3) Service Learning: Alternative Spring Break	67
HSC	4160	Human Development, Health Behavior and Addiction	309	IDH	3636	G(3) Service Learning: Domestic Violence	67
HSC	4563	Dimensions of Health for the Older Adult	309	IDH	3637	G(3) Service Learning: Jaguars Mentoring	67
HSC	4572	Nutrition and Health	309	IDH	3920	G(3) Honors Colloquium	67
HSC	4579	Women's Health Issues	309	IDH	3921	Honors Colloquium II	67
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HSC	4615L	Lab Methods in Exercise Physiology for Health Science	309	IDH	3932	Jr. Honors Interdisciplinary Seminar	67
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HSC	4663	Communicating Prevention Concerns and Resources	309	IDH	4945	G(6) Honors Practicum: Washington Center	67
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HSC	4912	Projects	310	INR	3016	Global Issues in Contemporary Politics	187
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HUN	1001	Introduction to Nutrition Science	310	INR	4435	Northern Ireland Peace Process	187
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JOU	3930	Special Topics	157	MAC	1147 G(M)	Precalculus	170
JOU	4117	Seminar in Reporting Techniques	157	MAC	2233 G(M)	Calculus for Business	170
JOU	4202	Advanced Newspaper Editing	157	MAC	2241	Calculus for Biology	170
JOU	4412	Advanced Newspaper Design	157	MAC	2311 G(M)	Calculus I	170
JPN	1120	Beginning Japanese I	196	MAC	2312 G(M)	Calculus II	170
JPN	1121	Beginning Japanese II	196	MAC	2313 G(M)	Calculus III	170
LAE	3210	Foundations of Literacy	285	MAD	3107 G(M)	Discrete Mathematics	170
LAE	3211	Methods and Resources for Literacy Development	285	MAD	4401 G(M)	Numerical Analysis	170
LAE	4312	Measurement, Evaluation and Planning for Literacy Development	285	MAE	3312	Mathematics Methods for Elementary Teachers	285
LAE	4323	Special Methods: Middle Grades English	285	MAE	4320	Special Methods: Middle Grades Math	285
LAE	4335	Special Methods: Secondary English	288	MAE	4330	Special Methods: Secondary Mathematics	288
LAH	3135	Spain in the New World	166	MAN	2652	Introduction to Global Business	225
LAH	3300 (CD/FC)	Latin America	166	MAN	2905	Special Topics in Management	225
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LAS	3031 (FC)	Peoples and Cultures of the Southern Cone	196	MAN	4301	Human Resource Management	226
LAS	3033	Peoples and Cultures of Central America and Mexico	197	MAN	4322	Introduction to Human Resource Management Systems	226
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LAS	3930 (FC)	Cultures of Latin America	197	MAN	4401	Labor Relations	226
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LAT	1121	Beginning Latin II	197	MAN	4579	Seminar in Purchasing and Materials Management	226
LIN	3010	Principles of Linguistics	166	MAN	4583	Project Management	226
LIN	3930	Special Topics in Linguistics	166	MAN	4600	Management of International Business	226
LIN	4930	Special Topics in Linguistics	166	MAN	4654	Comparative Business Practices: European Union and the U.S.	226
LIS	1001	Beginning Library and Information Systems Strategies	168	MAN	4701	Business and Society	226
LIT	2000 G(6)	Introduction to Literature	168	MAN	4720	Strategic Management & Business Policy	226
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LIT	3043 G(3)	Modern and Contemporary Drama	168	MAN	4940	Human Resource Management Internship	226
LIT	3045	Periods of Dramatic Literature	168	MAN	4942	Management Internship	226
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LIT	3304 G(3)	Literature of Popular American Culture	169	MAP	4231 G(M)	Operations Research	170
LIT	3331 G(3)	Children's Literature	169	MAP	4341	Elementary Partial Differential Equations	170
LIT	3333 G(3)	Adolescent Literature	169	MAR	2905	Special Topics in Marketing	227
LIT	3408	Approaches to Literature: Myth	169	MAR	3023	Principles of Marketing	227
LIT	3420	Approaches to Literature: Psychology	169	MAR	4156	International Marketing	227
LIT	3930	Special Topics	169	MAR	4206	Marketing Channels: Strategy, Structure, and Management	227
LIT	4041	Studies in Drama	169	MAR	4231	Retail Management	227
LIT	4083	Studies in Modern Literature	169	MAR	4323	Advertising Management	227
LIT	4093	Contemporary Literature	169	MAR	4400	Professional Selling	227
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LIT	4931	Special Topics in Cultural Studies	169	MAR	4803	Strategic Marketing	227
LIT	4934	Seminar in Literature	169	MAR	4840	Services Marketing	227
LIT	4935 G(3)	Literary Themes	169	MAR	4906	Special Topics in Marketing	227
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MAA	4211 G(M)	Advanced Calculus I	169				
MAA	4212 G(M)	Advanced Calculus II	169				
MAA	4402 G(M)	Complex Analysis	169				

MAR	4913	Directed Individual Study	227	MUG	3302	Advanced Instrumental Conducting	176
MAR	4939	Executive Seminar in Marketing and Supply Chain Management	230	MUH	2012	Enjoyment of Music	178
MAR	4941	Internship in Marketing and Supply Chain Management	230	MUH	2015	American Music: Past and Present	178
MAR	4943	International Marketing Internship	230	MUH	2017	The History and Appreciation of Rock	178
MAR	4946	Professional Selling Internship	230	MUH	2018	The Evolution of Jazz	178
MAR	4956	Study Abroad in Marketing	230	MUH	2501	World Music	178
MAS	3105 G(M)	Linear Algebra	170	MUH	3055 (FC)	African American Musical Heritage	178
MAS	3203 G(M)	Number Theory	170	MUH	3211	Music History I	178
MAS	4156	Vector Analysis	170	MUH	3212	Music History II	178
MAS	4301 G(M)	Abstract Algebra	170	MUL	4400	Piano Literature I	178
MAS	4932	Capstone Experience in Mathematics	170	MUL	4401	Piano Literature II	178
MAT	3930	Selected Topics in Mathematical Science	170	MUL	4420	String Chamber Music Literature	178
MAT	4906	Directed Individual Studies	170	MUL	4434	Harp Literature	178
MAT	4931	Special Topics in Mathematical Science	170	MUL	4451C	Wind and Percussion Literature	178
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MCB	3020C	Microbial Biology	153	MUN	2012	Instrumental Ensemble	177
MCB	3203	Pathogenic Bacteriology	153	MUN	2120	Concert Band (Lower)	177
MCB	3212	Biological & Medical Aspects of AIDS	153	MUN	2140	UNF Wind Ensemble (Lower)	177
MGF	1106 G(M)	Finite Mathematics	170	MUN	2310	UNF Chorale (Lower)	177
MGF	1107 G(M)	Explorations in Mathematics	170	MUN	2510	Piano Accompanying	177
MGF	1113 G(M)	Mathematics for Teachers I	170	MUN	2710	Jazz Ensemble	177
MGF	1114 G(M)	Mathematics for Teachers II	170	MUN	2711	Combo Lab	177
MHF	3202	Foundations of Mathematics	171	MUN	3103	Pep Band	177
MHF	3404 G(M)	History of Mathematics	171	MUN	3123	Concert Band (Upper)	177
MMC	1004	Media Literacy	157	MUN	3143	UNF Wind Ensemble (Upper)	177
MMC	2701 (CD)	Communicating Across Cultures	157	MUN	3313	UNF Chorale (Upper)	177
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MMC	3105	Advanced Writing for the Media	157	MUN	3343	Chamber Singers	177
MMC	3200	Law and Ethics in Communications	157	MUN	3411	String Quartet	177
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MMC	3620	International Study in Communications	158	MUN	3483	Jazz Guitar Ensemble	178
MMC	3932	Special Topics in Mass Communications	158	MUN	3498	Harp Ensemble	178
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MUC	2221	Music Composition II	179	MUS	3630C	The Electronic Music Studio	176
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MUC	3232	Music Composition IV	179	MUS	3931	Eminent Scholars Seminar	176
MUC	4241	Music Composition V	179	MUS	4905	Directed Individual Studies	176
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MUE	2440	String Techniques	176	MUT	1011	Fundamentals of Music	179
MUE	2450	Woodwind Techniques	177	MUT	1111	Theory I	179
MUE	2460	Brasswind Techniques	177	MUT	1112	Theory II	179
MUE	2470	Percussion Techniques	177	MUT	1241	Theory I, Aural	179
MUE	3332	Instrumental Materials Practicum	177	MUT	1242	Theory II, Aural	179
MUE	3480	Marching Band Techniques	177	MUT	1361	Jazz Fundamentals I	179
MUE	3491	Choral Materials Practicum	177	MUT	1362	Jazz Fundamentals II	179
MUE	3944	Music Education Field Laboratory	284	MUT	2116	Theory III	179
MUE	4210	Music Methods for Elementary Teachers	285	MUT	2117	Theory IV	179
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MUT	4365	Jazz Arranging I	180	MVS	3335	Applied Harp III	174
MUT	4366	Jazz Arranging II	180	MVS	3336	Applied Guitar	174
MUT	4421	18th Century Counterpoint	180	MVS	3431	Applied Violin III	174
MUT	4626	20th Century Music Theory	180	MVS	3432	Applied Viola III	174
MUT	4650	Composition and Improvisation	180	MVS	3433	Applied Violoncello III	174
MUT	4663	Jazz Styles and Analysis I	180	MVS	3530	String Repertory I	174
MUT	4664	Jazz Styles and Analysis II	180	MVS	3531	String Repertory II	174
MVB	1311	Applied Trumpet	172	MVS	3601	Harp Pedagogy	174
MVB	1312	Applied French Horn I	172	MVS	3640	String Pedagogy	174
MVB	1313	Applied Trombone	172	MVS	4344	Applied String Bass	174
MVB	1314	Applied Euphonium	172	MVS	4345	Applied Harp IV	174
MVB	1315	Applied Tuba	172	MVS	4346	Applied Guitar	174
MVB	2321	Applied Trumpet	172	MVS	4441	Applied Violin IV	174
MVB	2322	Applied French Horn II	172	MVS	4442	Applied Viola IV	174
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MVB	4344	Applied Euphonium	172	MVW	1313	Applied Clarinet I	175
MVB	4345	Applied Tuba	172	MVW	1314	Applied Bassoon I	175
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MVJ	1210	Jazz Piano II	172	MVW	2221	Secondary Flute II	175
MVJ	1319	Applied Set Drums	173	MVW	2223	Secondary Clarinet II	175
MVJ	1743	Jazz Guitar Master Class I	173	MVW	2321	Applied Flute II	175
MVJ	2329	Applied Set Drums	173	MVW	2322	Applied Oboe II	175
MVJ	3339	Applied Set Drums	173	MVW	2323	Applied Clarinet II	175
MVJ	4349	Applied Set Drums	173	MVW	2324	Applied Bassoon II	175
MVK	1111	Class Piano I	173	MVW	2325	Applied Saxophone	175
MVK	1112	Class Piano II	173	MVW	3231	Secondary Flute III	175
MVK	1311	Applied Piano	173	MVW	3233	Secondary Clarinet III	175
MVK	1313	Applied Organ	173	MVW	3331	Applied Flute III	175
MVK	2121	Class Piano III	173	MVW	3332	Applied Oboe III	175
MVK	2122	Class Piano IV	173	MVW	3333	Applied Clarinet III	175
MVK	2321	Applied Piano	173	MVW	3334	Applied Bassoon	175
MVK	2323	Applied Organ	173	MVW	3335	Applied Saxophone	175
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MVK	3631	Piano Pedagogy I	173	MVW	4341	Applied Flute IV	176
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## Important Telephone and Fax Numbers

Area Code for the University is (904) \*TDD available

University Operator.....	620-1000	Information Technology Services .....	620-2820
Office of the President .....	*620-2500	Fax .....	620-2985
Academic Affairs Vice President .....	*620-2700	Student Computer Lab.....	620-2826
Fax .....	620-2787	Support Center.....	620-4357
Academic Center for Excellence.....	620-1012	Institute of Police Technology and Management .....	620-4786
Fax .....	620-1015	Fax .....	620-2453
Academic Testing, Office of.....	620-2927	Institutional Advancement Vice President.....	620-2100
Fax .....	620-1090	Fax .....	620-2109
ADA Compliance Office .....	620-2870	Intercultural Center for PEACE.....	*620-2475
Fax .....	620-2585	Fax .....	620-3870
Administration and Finance Vice President.....	620-2002	International Center .....	620-2657
Fax .....	620-2010	Fax .....	620-3925
African American Student Union .....	620-2689	International Students .....	620-2657
Alumni Services.....	620-4723	Fax .....	620-3925
Fax .....	620-2139	Interpreter, University .....	*620-2769
Aquatic Center .....	620-2854	Intramurals.....	620-2646
Arena .....	620-2999	Fax .....	620-2763
Assessment Room (Fitness) .....	620-1081	LGBT Resource Center .....	620-2939
Athletics .....	620-2833	Library Reference Department .....	620-2616
Fax .....	620-2836	Hours Open Message.....	620-2717
Athletic Ticketing.....	620-2473 (or BIRD)	Fax .....	620-2613
Auxiliary Services .....	620-2875	Marketing and Publications .....	620-2140
Fax .....	620-1040	Fax .....	620-2149
Bette Soldwedel Gender Research Center .....	620-1270	Media Relations and Events.....	620-2141
Bookstore .....	620-2665	Fax .....	620-2149
Fax .....	620-2889	Medical Compliance .....	620-2175
Campus Alcohol & Drug Information Center.....	620-2557	Fax .....	620-2901
Campus Ministry .....	620-2814 or 620-2837	Nature Trails.....	620-1810
Fax .....	620-1057	Navy ROTC .....	256-7480
Campus Recreation.....	620-2998	Ombudsman for Students .....	620-1582
Career Services.....	*620-2955	Fax .....	620-1705
Fax .....	620-3810	Osprey Productions.....	620-2460
Cashier's Office .....	*620-2472	Fax .....	620-2433
Fax .....	620-1049	One Stop Student Services .....	620-5555
Center for Professional Development and Training .....	620-1707	Fax .....	620-5525
Fax .....	620-1711	Parent and Family Programs.....	620-1567
Child Development Research Center .....	620-2372	Fax .....	620-2644
Fax .....	620-2375	Parking Services.....	620-2815
CLAST .....	620-2927	Fax .....	620-1024
Fax .....	620-1090	Police, Campus	
Club Alliance .....	620-1470	Director's Office .....	620-1020
Collections.....	620-1067	Emergency .....	*911
Fax .....	620-2473	Fax .....	620-2806
Conduct Office.....	620-3979	Detective Division .....	620-1021
Fax .....	620-3922	Non-emergency .....	620-2800
Continuing Education.....	620-4200	Radio Station (WOSP - Osprey Radio).....	620-2908
Fax .....	620-4244	Fax .....	620-1560
Dean's Office.....	620-4280	Recycling.....	620-2938
Dean's Office Fax .....	620-4210	Reentry Program.....	620-1340
Cooperative Education .....	*620-2955	Research and Sponsored Programs.....	620-2455
Fax .....	620-3810	Fax .....	620-2457
Counseling Center.....	620-2602	Residence Life.....	*620-5433
Fax .....	620-1085	Fax .....	620-4670
Dining Services .....	620-2543	Robinson Center Information Desk .....	620-1084
Dining Services Fax .....	620-2547	Spinnaker (Campus Newspaper).....	620-2727
Catering Phone .....	620-3888	Fax .....	620-3924
Catering Fax .....	620-1675	Sports Clubs .....	620-2998
Disability Resource Center.....	*620-2769	Stadium (Soccer/Track).....	620-1213
Fax .....	620-3874	Student Activities .....	*620-2525
Dottie Dorion Fitness Center .....	620-2853	Fax .....	620-1705
English Language Program.....	620-4281	Student Affairs Vice President .....	*620-2600
Enrollment Services .....	620-2881	Fax .....	620-2644
Fax .....	620-2421	Student Conduct Office .....	*620-3979
Equal Opportunity Programs.....	*620-2507	Fax .....	620-3922
Fax .....	620-1004	Student Game Room.....	620-1084
Facilities Planning.....	620-2016	Student Government.....	*620-2750
Fax .....	620-2020	Fax .....	620-1005
First Coast Technology Park Executive Director .....	620-1260	Student Medical Services .....	*620-2900
Fax .....	620-1980	Fax .....	620-2902
Florida Center for Public Policy & Leadership .....	620-4400	Student Life .....	*620-2525
Fax .....	620-4415	Fax .....	620-1705
Florida/West Africa Institute (FLAWI) .....	620-1950	Student Organizations .....	620-2569
Fax .....	620-1790	Study Abroad.....	620-2657
Graduate School.....	620-1360	Fax .....	620-3925
Fax .....	620-1362	Television (OspreyTV).....	620-2260
GRE, PRAXIS & TOEFL Testing .....	620-1973	Testing, Office of Academic .....	620-2927
Greek Life .....	620-2526	Fax .....	620-1090
Fax .....	620-1705	Ticket Box Office.....	620-2878
Hayt Golf Learning Center .....	620-2050	Fax .....	620-2629
Health Promotion.....	620-1570	TSI/Foundation Accounting .....	620-2790
Fax .....	620-1578	Fax .....	620-2791
Honors Program.....	620-2649	Undergraduate Academic Enrichment Program .....	620-1095
Fax .....	620-3896	Fax .....	620-1096
Housing Office .....	*620-4663	University Center .....	620-4222
Fax .....	620-4670	Fax .....	620-4223
Human Resources .....	*620-2903	Victim Advocate .....	620-1010 (24hr crisis helpline)
Fax .....	620-2742	Fax .....	620-2527
ID OspreyCard.....	620-4000	Volunteer Center .....	620-2755
Fax .....	620-4001	Fax .....	620-1005
		Women's Center .....	*620-2528
		Fax .....	620-2527