UNIVERSITY of
NORTH FLORIDA

UNF

Graduate Catalog

2008-2009

Graduate Catalog 2008 - 2009

UNF
UNIVERSITY of NORTH FLORIDA

The University of North Florida is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, master's, 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:

American Association of Nurse Anesthetists, Council on Accreditation of Nurse Anesthesia Educational Programs (Graduate: Nursing — Nurse Anesthetist Concentration)
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 Accreditation of Healthcare Management Education (CAHME)
Commission on Accreditation in Physical Therapy Education/American Physical Therapy Association
Commission on Collegiate Nursing Education (Undergraduate and Graduate)
Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (Undergraduate — Computer Science and Information Systems)
Council for Accreditation of Counseling and Related Educational Programs (CACREP)
Council on Rehabilitation Education (CORE)/Commission on Standards and Accreditation
Council on Education of the Deaf
Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (Undergraduate — Civil Engineering, Electrical Engineering, and Mechanical Engineering)
Florida Board of Nursing (Undergraduate)
Florida Department of Education (Undergraduate and Graduate)
National Association of Schools of Music (Undergraduate)
National Association of Schools of Public Affairs and Administration/Commission on Peer Review and Accreditation
National Council for Accreditation of Teacher Education (Undergraduate and Graduate)
National League for Nursing Accrediting Commission (Undergraduate)

This catalog contains a description of the various policies, academic programs, degree requirements, course offerings, and related matters intended to be in effect at the University of North Florida during the 2008 - 2009 academic year. However, any matter described in this catalog is subject to change. As a result, this catalog should not be construed as an agreement between the University and the reader or as an irrevocable commitment from the University to the reader.

Mailing Address

University of North Florida
1 UNF Drive
Jacksonville, Florida 32224-7699
Area Code for the University (904) • University Operator 620-1000 • * TDD available
UNF Web Site: www.unf.edu
Office of Admissions e-mail: admissions@unf.edu

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

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

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

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

BROOKS COLLEGE OF HEALTH 620-2810
Fax (Dean's Office) 620-1030
Athletic Training & Physical Therapy *620-2841
Academic Advising 620-2812
Fax 620-1770
Public Health Department *620-2840
School of Nursing 620-2684

COGGIN COLLEGE OF BUSINESS 620-2590
Accounting & Finance 620-2630
Fax 620-3861
Career Management Center 620-2067
Center for Economic Education 620-2470
Economics & Geography 620-2640
Fax 620-1300
International Business Program 620-2395
Center for International Business Studies 620-1694
Fax 620-2594
Management 620-2780
Fax 620-2782
Marketing & Logistics 620-2780
Fax 620-2782
Professional Education 620-1515
Fax (Dean's Office) 620-2594
Small Business Development Center 620-2476
Fax 620-2567
Student Services *620-2575
Fax 620-2832

COLLEGE OF ARTS & SCIENCES 620-2560
Fax (Dean's Office) 620-2929
Academic Advising *620-2797
Fax 620-2799
Art & Design 620-4037
Fax 620-4038
Biology 620-2830
Fax 620-3885
Chemistry & Physics 620-2729
Fax 620-1989
Communication 620-2651
Fax 620-2652
Criminology & Criminal Justice 620-1724
Fax 620-1718
English 620-2273
Fax 620-3940
History 620-2886
Fax 620-1018
Mathematics & Statistics 620-2653
Fax 620-2818
Music 620-2961
Fax 620-2568
Philosophy 620-1330
Fax 620-1840
Political Science & Public Administration 620-2977
Fax 620-2979
Psychology 620-2807
Fax 620-3814
Sociology & Anthropology 620-2850
Fax 620-2540
University Gallery 620-2534
World Languages 620-2282
Fax 620-2288

COLLEGE OF COMPUTING, ENGINEERING & CONSTRUCTION 620-1350
Fax 620-2385
Academic Advising 620-2985
Fax 620-2988
Construction Management 620-2683
Fax 620-2573
School of Computing 620-2985
Fax 620-2988
School of Engineering 620-1390
Fax 620-1391
Distance Learning 620-2695
Fax 620-2694

COLLEGE OF EDUCATION & HUMAN SERVICES 620-2520
Fax 620-2522
Academic Advising *620-2530
Fax 620-1135
Childhood Education 620-2611
Fax 620-1025
Educational Field Experiences 620-3934
Fax 620-3936
Exceptional Student & Deaf Education *620-2930
Fax 620-3895
Foundations & Secondary Education 620-2610
Fax 620-1025
Leadership, Counseling & Instructional Technology 620-2990
Fax 620-2982
Doctor of Education Program 620-2990
Educational Leadership Master Program 620-2990
School Counseling Program 620-1826
Technology Center 620-2991

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

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

Cover illustration by UNF graphic design student Brittany Norris.

Table of Contents

Table of Contents ..... **i**
Campus Maps ..... **vii**
Campus Map Legend ..... **xi**
Emergency Telephone Locations ..... **xiv**
Courtesy Telephone Locations ..... **xv**
Jacksonville Area Map ..... **xvi**
Academic Calendar ..... **xvii**
Holiday Calender ..... **xviii**
Seal, Logo and Mascot ..... **xix**
The Seal xix
The UNF Logo xix
The Athletics Logo xix
The Osprey Mascot xix
General Information **1**
Statement of Vision 2
Statement of Mission 2
Fulfilling its Mission 2
Colleges 3
Support Services 3
Campus 3
The Community 4
An Invitation 4
Equal Opportunity/Equal Access/Affirmative Action 4
Graduate Programs **5**
Greetings 5
Doctoral Programs 6
Brooks College of Health 6
College of Education and Human Services 6
Masters Programs 6
Brooks College of Health 6
Coggin College of Business 6
College of Arts and Sciences 6
College of Computing, Engineering and Construction 6
College of Education and Human Services 6
Certification Programs 6
Brooks College of Health 6
Coggin College of Business 6
College of Arts and Sciences 6
College of Education and Human Services 6
Collaborative Programs in Engineering 6
Admissions **7**
Getting Admitted into UNF 7
The Application Procedure 7
Admission Requirements 7
State-Mandated Admission Requirements 7
UNF Program Specific Admission Requirements 8
Types of Admission Status 8
Full-Time and Part-Time 8
Full Admission 8
Provisional Admission 8
Post-Baccalaureate Admission 8
Certificate Program Admission 8
Special Admission 8
Special Admission for Transient Students 8
Special Admission for Inter-Institutional Transient Students 8
Special Admissions for Veterans 8
Readmission of Inactive Students 9
Non-Discrimination 9
Message for International Students 9
The Application Procedure — UNF Admissions Requirements for International Students 9
The Application Procedure — United States Immigration Requirements 10
Registering for Classes — UNF Pre-registration Requirements 10
Estimated Student Expenses 10
Financial Information **11**
Tuition and Student Fees 11
Florida Residency for Tuition Purposes 11
Reclassification 12
Tuition and Student Fee Schedule 12
Application Fee 12
Tuition Fees 12
Material Fee. 12
Laboratory Fee 12
Distance Learning/FEEDS 12
Orientation Fee 12
Reinstatement Fee 12
Late Payment Fee 13
Duplicate Diploma Fee 13
Transcript Fee 13
Identification Card 13
Parking Permit Fees 13
Fees for permits that are available to students August 2008 - August 2009 13
Shuttle Bus Service 13
Fee Payment 13
Florida Prepaid 14
Reinstatement of Registration 14
Fee Refunds 14
Fee Petitions 14
Financial Holds 14
Waiver of Tuition 14
Florida Residents over 60 Years of Age 14
Children of Law Enforcement Officers and Fire Fighters who are Unlawfully and Intentionally Killed while Performing their Duties 15
Student Employment at UNF 15
Student Financial Aid 15
Application Procedures 15
Types of Financial Aid 15
Federal Subsidized Stafford Loan Program 15
Federal Unsubsidized Stafford Loan 16
Federal Work-Study 16
Graduate PLUS Loans 16
Graduate Assistantships 16
Graduate Matriculation Fee Waivers 16
Out-of-State Tuition Waivers 16
Appeals Procedure 16
Satisfactory Academic Progress Policy 16

Required Grade Point Averages ... 16
Required Completion Rate ... 16
Requirement of Maximum Time Frame ... 16
Probation and Reinstatement Procedures ... 16
Reinstatement of Aid ... 17
Policy for Student Appeals ... 17
Appeal Deadline ... 17
Withdrawals and Incompletes ... 17
Return of Title IV Aid ... 17
Scholarship Programs ... 17
UNF Graduate Scholarships ... 17
Delores A. Auzenne Fellowship for Graduate Study ... 18
Special Summer Graduate Program ... 18
Tuition Deferment ... 18
Financial Aid and Scholarship Disbursement ... 18
Veterans Assistance Certification ... 18
Types of Programs, Eligibility & Benefits ... 18
Chapter 30 - Montgomery G.I. Bill ... 18
Chapter 31 - Vocational Rehabilitation ... 18
Chapter 32 - Veterans Educational Assistance Program ... 18
Chapter 35 - Dependents Educational Assistance Program ... 18
Chapter 1606 - Educational Assistance for the Selected Reserve ... 18
Certification of School Attendance ... 19
VA Work-Study ... 19

Registration, Grading & Academic Progress ... 20
Registration Procedures ... 20
Prior to Registering ... 20
Registration ... 20
Adding and Dropping Courses During Drop/Add ... 20
Dropping and Adding Courses ... 20
Withdrawals ... 20
Late Withdrawals ... 21
Petitions ... 21
Course Loads ... 21
Graduate Course Numbering ... 21
Grading System ... 21
Audit ... 21
Incomplete ... 21
No Record ... 21
Passing ... 22
Withdrawn ... 22
Disciplinary Transcript Notations ... 22
Grade Point Average ... 22
Graduate GPA ... 22
Satisfactory Academic Progress ... 22
Good Academic Standing ... 22
Academic Probation ... 22
Academic Suspension and Dismissal ... 22
Program-Specific Policies ... 23
Suspension of VA Benefits upon Unsatisfactory Progress ... 23
Grade Reporting ... 23
Course Credits ... 23
Degree Completion Time Limits ... 23
Credit Validation for Course Work Completed more than Five Years Ago ... 23
Graduate Transfer Credit Policy ... 23
Credit Earned as a Post-Baccalaureate ... 23
Second Master's Residency Requirement ... 24
Graduation Time Limits/Continuous Enrollment Policy ... 24
Graduation/Commencement Ceremony ... 24
Student Attendance Policy ... 24
Computer and Internet Access ... 24

Student Records, Rights & Responsibilities ... 25
Transcripts ... 25
Custodian of Records ... 25
Right to Request Copies and Copy Fees ... 25
The UNF Student Directory ... 26
Release of Student Academic Information ... 26
Right to Explanation and Interpretation ... 27
Right of Appeal ... 27
Appeals concerning UNF policies ... 27
Appeals concerning courses ... 27
Appeals concerning civil rights ... 27
The Rights of Students to Intellectual Property ... 27
Academic Integrity and Professionalism ... 28
The Free and Open Pursuit of Knowledge ... 28
Course Content ... 28
Claiming One's Own Work ... 28
Violations of Academic Integrity ... 28
Class Attendance and Participation – In-Person, Online, and Otherwise ... 28
Florida Taxpayer Subvention of Graduate Education ... 28

Graduation Requirements Checklists ... 29
Graduation Policies ... 29
General University Graduation ... 29
Requirements for the Master's Degree ... 29
General University Graduation Requirements for a Second Master's Degree ... 30
General University Graduation Requirements for the Ed.D. in Educational Leadership ... 30
Graduation and Commencement Ceremony ... 30
UNF's Public Acknowledgment of your Achievement ... 30

Support Services ... 31
One Stop Student Services Center ... 31
Academic Advisement: General ... 31
Academic Center for Excellence ... 31
Bookstore ... 32
Chartwells Dining Services ... 32
Osprey Café ... 32
Sbarro Italian Eatery @ Alumni Square ... 32
OLO Sushi & Freshens Smoothies @ Alumni Square ... 32
Outtakes Quick Cuisine @ Alumni Square ... 32
Starbucks® @ the Atrium ... 32
UNF Hall Bistro @ UNF Hall ... 32
Harvest Moon Café @ The University Center ... 32
Coming soon in spring 2009 @ the Student Union ... 32
Food Court ... 32
Boathouse Grille ... 32
Outtakes Quick Cuisine ... 32
Information Technology Services ... 32
Irish Studies ... 33
Thomas G. Carpenter Library ... 33
Office of Research and Sponsored Programs ... 33
Veterans Affairs and Military Programs ... 34
Service Members Opportunity Colleges ... 34

Student Affairs & Student Services ... 35
Campus Life ... 35
Student Rights and Regulations ... 36
Campus Events and Student Participation ... 36
Career Services ... 37
Career Counseling ... 37
Assessments ... 37
Career Library ... 37
Career Computer Lab ... 37
Job Vacancy Listings ... 37

Internships ... 37
Workshops/Orientation ... 37
Job and Career Fairs ... 37
Career Panels and Presentations ... 37
Informational Booklets and Guides ... 37
On-campus Recruiting Program ... 37
Resume Referral Program ... 37
Practice Interviews ... 37
Career Planning Course ... 38
Career Services Website ... 38
Child Development Research Center Child Care ... 38
Counseling Center ... 38
Individual Counseling ... 38
Group Programs ... 38
Drug and Alcohol Services ... 38
Referral ... 38
Consultation and Outreach ... 38
Appointments ... 38
Disability Resource Center ... 38
English Language Program and Conversational Foreign Languages ... 39
The Florida/West Africa Institute (FLAWI) ... 40
Greek Life (Fraternities and Sororities) ... 40
Handbook for Students & Parents ... 41
Health Promotion ... 41
L.I.F.E. Peer Education Team (Lifestyle Improvement for Everyone) ... 41
Dr. Paul Shirley Assessment Center ... 41
Alcohol and Drug Information ... 41
Interfaith Center ... 41
Intercultural Center for PEACE ... 42
The International Center ... 42
Leadership Institute ... 42
Overview ... 42
Your Six Options ... 42
Lesbian, Gay, Bisexual, Transgender Resource Center ... 43
Ombudsman for Students ... 43
Parents Association ... 43
Police and Public Safety, Department of ... 43
Recreation (Campus) ... 44
Intramural Sports ... 44
Open Recreation and Sports Facilities ... 44
Dottie Dorion Fitness Center ... 44
Personal Training ... 44
The UNF Arena ... 44
Group Fitness Program ... 44
Aquatic Center ... 44
Wildlife Sanctuary — John Golden Environmental Education Pavilion, Eco-Adventure Program & Robert W. Loftin Nature Trails ... 45
Hayt Golf Learning Center ... 45
Hodges Stadium ... 45
UNF Skate Park ... 45
Recreational Sports Clubs ... 46
Reentry Program ... 46
Student Conduct ... 46
Student Government ... 46
Executive Branch – led by the president ... 46
The Four SG Agencies ... 46
Legislative Branch – led by the senate president ... 47
Judicial Branch – led by the chief justice ... 47
Student Health Services ... 48
Immunization Services ... 49
Health Insurance ... 49
Statement of Good Health ... 49
Meningococcal Meningitis ... 49
Hepatitis B. ... 49
Student Life Subdivision ... 49
Robinson Student Life Center ... 49
Student Media, Center for ... 50
Spinnaker ... 50
Osprey Radio ... 50
Osprey Television ... 50
Study Abroad ... 50
Vice President for Student and International Affairs Office ... 50
Victim Advocacy Program ... 51
Women's Center ... 51
General Activities and Services ... 51
Bette Soldwedel Gender Research Center ... 51
Rape Awareness Education ... 51

Brooks College of Health ... 52

Doctorate Degree Programs ... 52
Master's Degree Programs ... 52
Center for Global Health & Medical Diplomacy ... 52
Department of Public Health Faculty ... 53
Master of Public Health Program ... 53
Admission ... 53
Mental Health Counseling ... 53
Master of Science in Health Program ... 53
Admission ... 53
Master of Health Administration Program ... 54
Admission ... 54
Accreditation ... 54
Academic Advisement ... 54
Programs of Study ... 54
Master of Health Administration ... 54
Department of Nutrition & Dietetics ... 55
Department of Athletic Training & Physical Therapy Faculty ... 56
Doctor of Physical Therapy ... 56
Application Deadline ... 57
School of Nursing Faculty ... 57
Doctor of Nursing Practice ... 58
Application Deadline ... 58
Master of Science in Nursing: Primary Care Nurse Practitioner ... 59
Admission ... 59
License ... 59
Employment ... 59
Goals ... 59
Application Deadline ... 59
Master of Science in Nursing: Clinical Nurse Specialist ... 60
Admission ... 60
Application Deadline ... 60
Master of Science in Nursing: Clinical Nurse Leader ... 61
Admission ... 61
Application Deadline ... 61
Master of Science in Nursing: Nurse Anesthetist ... 62
Admission Requirements ... 62
R.N.-M.S.N. Accelerated Track ... 63
Admission Requirements ... 63
Application Deadline ... 63
The Family Nurse Practitioner Certificate Program ... 64
Admission Requirements ... 64

Brooks College of Health Course Descriptions ... 65

Coggin College of Business ... 78

Master of Accountancy ... 78
Master of Business Administration ... 78

Mission 79
Vision 79
Values 79
Accreditation 79
Wall Street Journal Partnership 79
Admission to Programs 79
Admission to the MBA and MAcc 79
programs require all of the following 79
Transfer of Graduate Credits from another
College or University 80
Coggin College of Business Graduate Programs
Probation/Suspension Policy 80
Required GPA 80
Study Abroad Opportunities 80
Coggin College Policy on Use of International Academic
Experiences in Graduate Programs of Study 81
Definitions 81
Use of International Experience Credits
in Program of Study by Graduate Students 81
Directed Independent Studies 81
The Master of Business Administration Degree Program 81
The Master of Accountancy Degree Program 86
Certificate in e-Business (CeB) 88
International Business Certificate (IBC) 88
Osprey Financial Group (OFG) 88

Coggin College of Business Course Descriptions 90

College of Arts & Sciences 97

Department of Biology 97
Master of Arts in Biology 97
Admission 97
Graduate Advising 98
Master of Science in Biology 98
Admission 98
Graduate Advising 99
Department of Criminology & Criminal Justice 99
Master of Science in Criminal Justice 100
Graduate Advising 100
Admission 100
Program Prerequisites 100
Corequisite Requirements 100
Department of English 101
Master of Arts in English 101
Greetings 101
The Value of an M.A. in English 101
Employment Prospects 101
Overview of the M.A. in English Program 102
Literature Courses 102
Composition and Rhetoric Courses 102
Creative Writing Courses 102
Teaching Practicum and Independent Study Courses 102
Creative Writing Thesis Option 102
Admission Requirements 102
Admission Status 102
Admission Sequence 102
Graduate Advising and the Program of Study 102
Registration for Courses 103
First-day Attendance Policy 103
Department of History 103
Master of Arts in History 104
Admission 104
Graduate Advising 104
Foreign Language 104
Department of Mathematics & Statistics Faculty 107
Master of Science in Mathematical Sciences 107
Admission 107
Graduate Advising 107
Thesis or Examination Requirement 107
Department of Philosophy 108
Master of Arts in Practical Philosophy and Applied Ethics 108
Admission Requirements for the M.A. in Practical
Philosophy and Applied Ethics 109
Graduate Advising 109
Program Prerequisites 109
Graduate Certificate in Applied Ethics 110
Admission Requirements for the Graduate
Certificate in Applied Ethics 110
Department of Political Science & Public Administration 110
Master of Public Administration 110
Overview of the M.P.A. Program 111
Admission Status 111
Admission Requirements 111
Internship Requirement 112
Capstone Requirement 112
Graduate Advising 112
Admission Sequence 112
Department of Psychology 117
Master of Arts in Counseling Psychology 117
Program 117
Admission 117
Retention 118
Graduate Advising 118
Master of Arts in General Psychology 119
Program 119
Admission 119
Department of Sociology and Anthropology Faculty 120
Master of Science in Applied Sociology 120
Graduate Advising 120
Admission 120
University Requirements 120
Departmental Requirements 121

**College of Arts & Sciences
Course Descriptions 122**

**College of Computing, Engineering
& Construction 141**

School of Computing 141
Master of Science in Computer and Information Sciences 141
Admission 141
Program Requirements 142
Thesis Option 142
Professional Option 142
General Requirements 142
Certified Technical Computer Training 142
Computer Science Program 142
Information Systems Program 144
Software Engineering Program 144
School of Engineering 145
Civil Engineering 145
Electrical Engineering 145
Mechanical Engineering 145
Mission 146
Learning Outcomes 146
Outcomes Assessment 146
Admission 146
General Requirements 147
Student Graduate Advisor and Graduate Committee 147
The Program of Study 147

The Thesis 147
The Practice-Oriented Project 147
Master of Science in Civil Engineering (MSCE) 147
Master of Science in Electrical Engineering (MSEE) 148
Master of Science in Mechanical Engineering (MSME) 149
Florida Engineering Education Delivery System (FEEDS) 150
Programs 150
Civil Engineering 150
Computer Science and Engineering 150
Electrical Engineering 150
Industrial Engineering 150
Mechanical Engineering 151
Admission 151
General Information 151
Degree Seeking 151
Non-Degree Seeking 151
Distance Learning/FEEDS 151
Transfer of Credit 151
Registration 151

College of Computing, Engineering & Construction Course Descriptions 152

College of Education & Human Services 160
Doctoral Program 160
The Master's Degree Programs 161
Admissions 161
Master of Education 161
Component Cores 161
Doctor of Education in Educational Leadership 161
Academic Advising 161
Academic Integrity 162
Course Work Requirement 162
Fingerprinting Requirement 162
Directed Independent Study 162
Credit Transfers 162
Course Validation 162
Residence Requirement 162
Doctor of Education in Educational Leadership 162
Master's Degree Majors - Prerequisites 162
Elementary Education 162
K-12 and Secondary Education 162
Special Education 163
Counselor Education: School Counseling Concentration 163
Educational Leadership: School Leadership for Florida Administrator Certification 163
Teacher-Certification-Only 163
Educator Preparation Institute 163
Admission to the Program 163
Dept. of Leadership, Counseling & Instructional Tech 163
Master of Education in Counselor Education 164
Program Description and Mission 164
Fingerprinting 164
Faculty Guiding Principles 164
Programmatic Guiding Principles 164
The School Counseling Concentration 164
Admission to the Program 165
Continuance in the Program 165
The Mental Health Counseling Concentration 165
Admission to the Program 166
Continuance in the Program 166
Mental Health Counseling 166
The Counselor Education Advanced Certificate Program 166
Master of Education in Educational Leadership 167
Admission Requirements 167
For students admitted on or after August 2008 167
Master's Programs 167
School Leadership Concentration 167
Certificate Programs 168
Transformation of Conflict Certificate 169
Non-Degree Certification in Educational Leadership 169
Doctor of Education in Educational Leadership 169
Admission Requirements 169
Program of Study 169
Additional Information 170
The Master of Education Degree Program 170
Master of Education Degree Majors & Concentrations 170
Department of Childhood Education Graduate Faculty 170
Master of Education in Elementary Education 170
Category I - Master's Degree Programs for Teachers with Professional Certificates 171
Category II - Master's Degree Programs for Uncertified Post-baccalaureate Students 171
Category III - Non-degree Studies that Lead to Certification 171
Department of Foundations & Secondary Education 173
Master of Education in Secondary Education 173
Category I - Master's Degree Programs for Teachers with Professional Certificates 173
Category II - Master's Degree Programs for Uncertified Post-Baccalaureate Students 173
Category III - Non-degree Studies that Lead to Certification 174
Category IV - Non-Degree Studies for Professional Enrichment 174
Category II - Master of Education Degree Programs Uncertified Post-Baccalaureate Students 175
Programs for Uncertified Post-Baccalaureate Students 175
Category III - Non-Degree Studies Leading to Certification Through a "Course-by-Course" Process 175
Category IV - Non-Degree Professional Development and Enrichment 175
Department of Exceptional Student & Deaf Education
Special Education Program 176
Master of Education in Special Education 176
Special Education Concentrations 176
Disability Services Concentration 177

College of Education & Human Services Course Descriptions 178

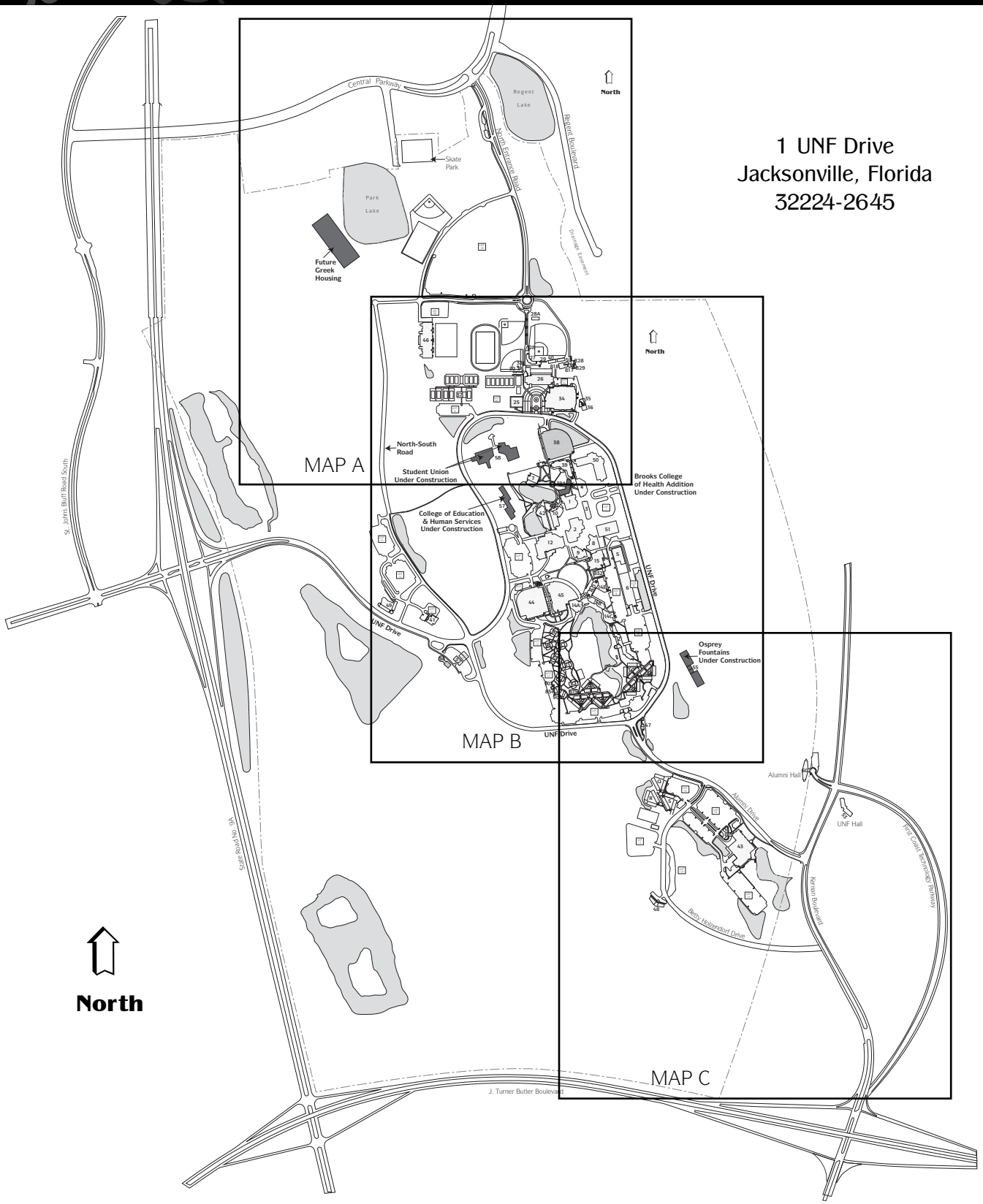
University Programs & Related Activities 192
Alumni Services 192
The University of North Florida Foundation Inc. 192
UNF Osprey Club 192
Institute of Police Technology and Management 192

University Center 193

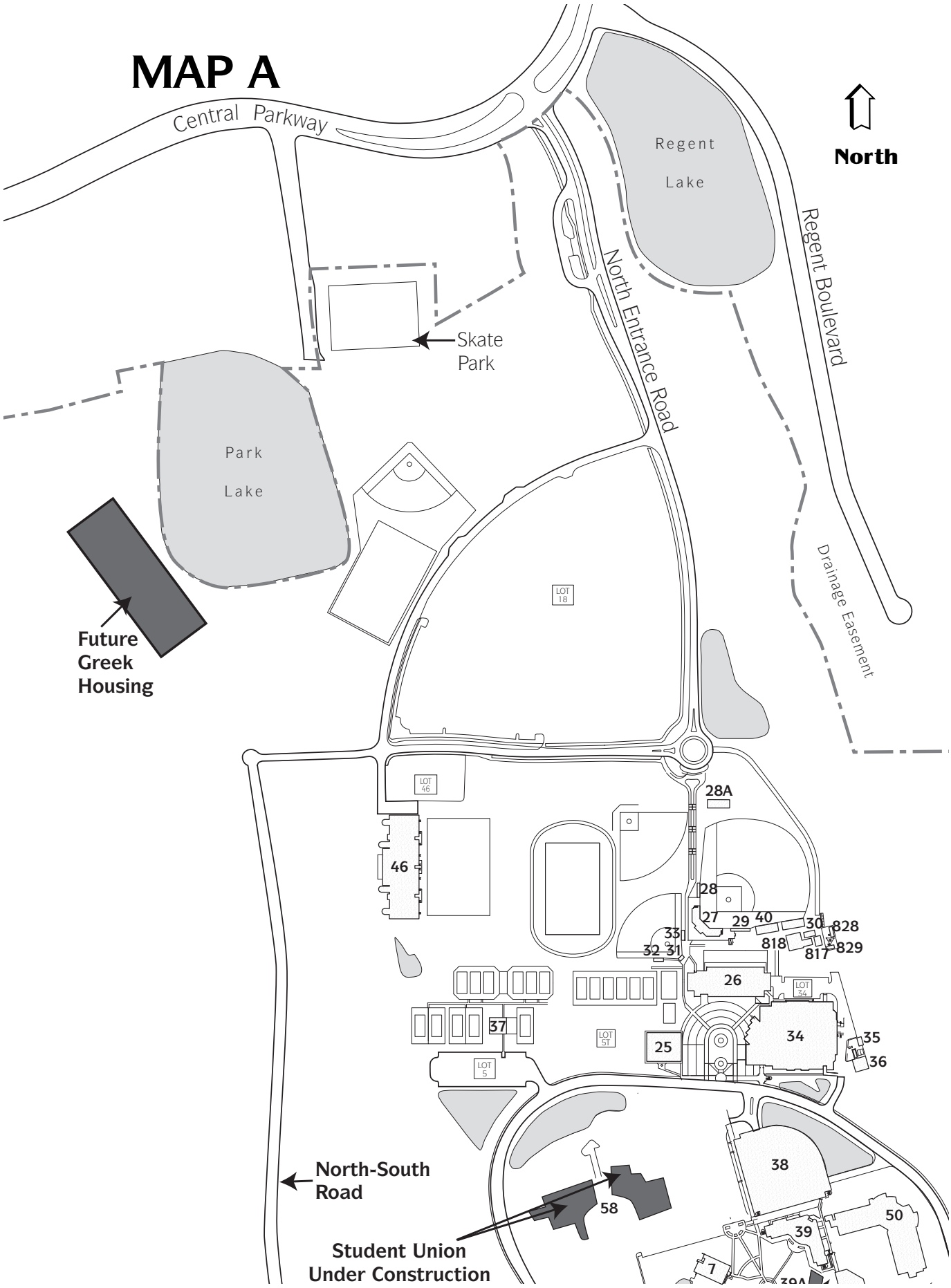
Division of Continuing Education 194
Center for Professional Development 194
Certificate Programs 194
Project Management 194
Management and Communication 194
Test Preparation 194
Online Learning 194
Occupational Spanish 195
Customized Learning Solutions 195
Center for Leadership 195
Conferences 195
Center for Economic & Workforce Development 195

Railroad Institute 196
Workforce Skills Assessment 196
Logistics Institute 196
Environmental & Safety Institute 196
Legal Studies Institute 196
Osher Lifelong Learning Institute 196
Center for Quality 196
Six Sigma 196
Quality Systems 196
Improvement Tools and Methods 196
Lean Enterprise 196
Kepner-Tregoe 196
Statistical Methods 196
Apx A - University Officers & Graduate Faculty .. 197
Executive Staff 197
Deans 197
Faculty 197
Emeriti Faculty 208
Florida Board of Governors 209
University Board of Trustees 209
Apx B - Sexual Harassment Regulation 210
Apx C - Security Policies & Crime Statistics 213
Procedures to Report Criminal Acts or Emergencies on Campus 213
Emergency Blue Light Phones 213
Security of Campus Facilities/Residence Halls 213
Emergency Notification Service 214
Crime Prevention Responsibilities/Programs 214
UNF's Drug Free Schools and Community Program 214
Weapons 214
The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act 214
Crime Statistics 214
Sexual Offender/Predator Information 214
Apx D - Alphabetical Course Listing 216
Index 224

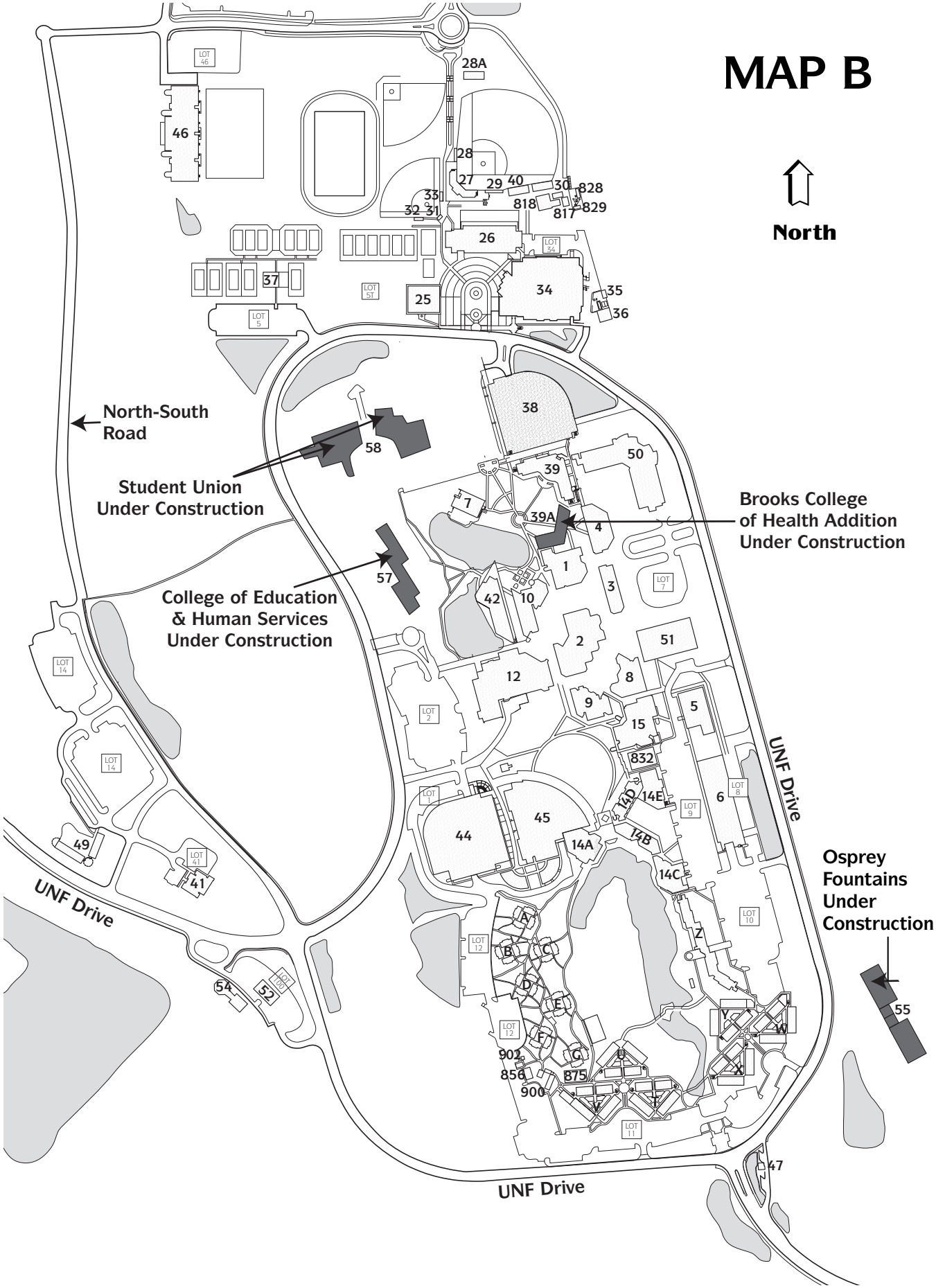
Campus Maps

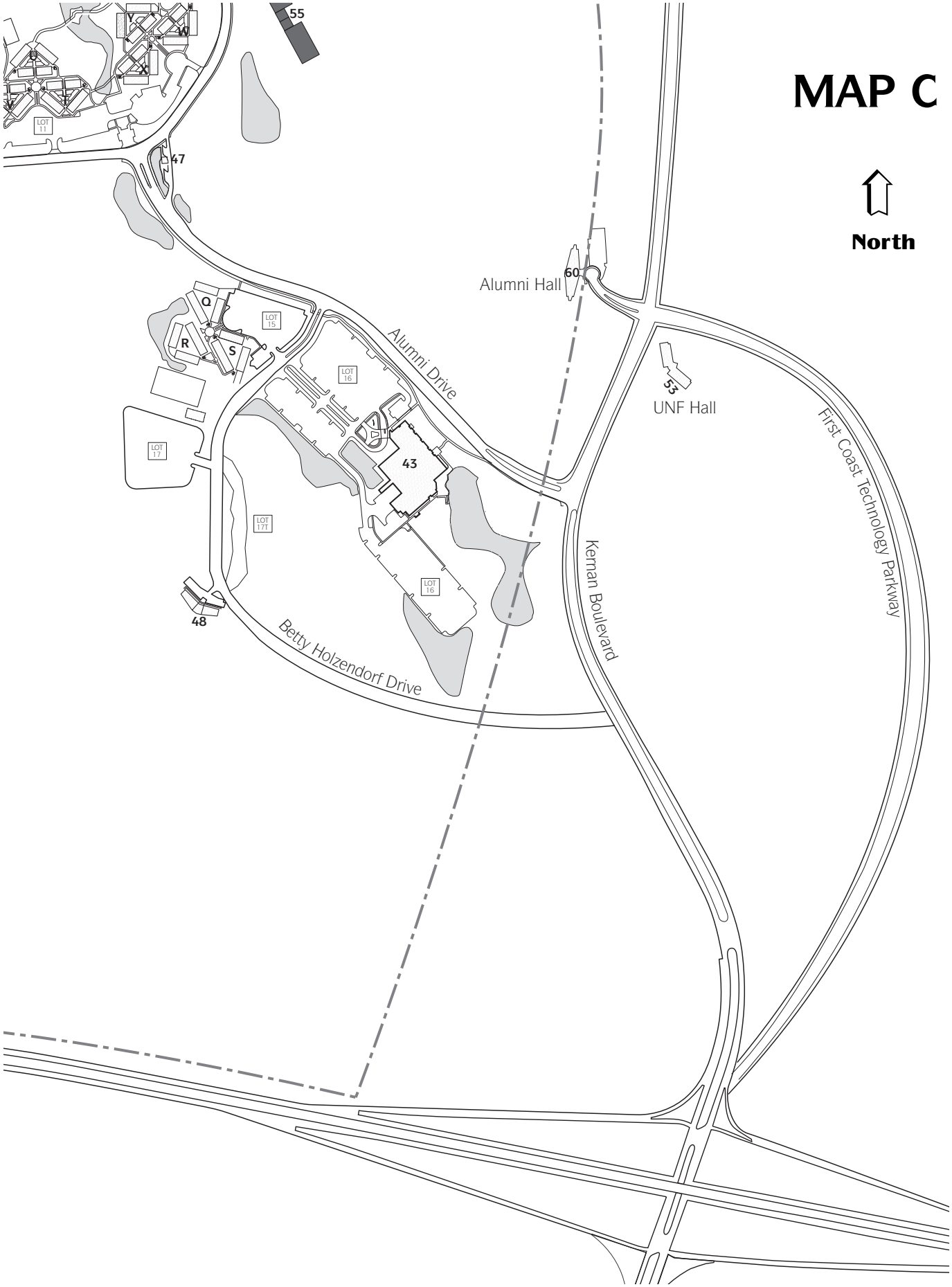


1 UNF Drive
Jacksonville, Florida
32224-2645
Central Parkway
Regent Lake
North
Regent Boulevard
North Entrance Road
Skate Park
Park Lake
Future Greek Housing
Drainage Easement
North
North-South Road
MAP A
Student Union Under Construction
Brooks College of Health Addition Under Construction
College of Education & Human Services Under Construction
St. Johns Bluff Road South
UNF Drive
UNF Drive
Osprey Fountains Under Construction
MAP B
UNF Drive
Alumni Hall
Alumni Drive
UNF Hall
First Coast Technology Parkway
Kernan Boulevard
Betty Holzendorf Drive
State Road No. 9A
North
MAP C
J. Turner Butler Boulevard


MAP A
Central Parkway
North
Regent Lake
Regent Boulevard
North Entrance Road
Skate Park
Park Lake
Future Greek Housing
Drainage Easement
LOT 18
LOT 46
LOT 34
LOT 5T
LOT 5
28A
46
28
27
29
40
30
828
33
818
817
829
32
31
26
37
34
35
25
36
38
North-South Road
58
50
39
Student Union Under Construction
7

MAP B


North
North-South Road
Student Union Under Construction
College of Education & Human Services Under Construction
Brooks College of Health Addition Under Construction
Osprey Fountains Under Construction
UNF Drive
UNF Drive
UNF Drive
28A
46
28
27
29
40
30
828
829
818
817
33
32
31
26
34
35
36
37
25
38
58
50
39
7
39A
4
1
3
57
42
10
2
51
12
8
9
5
15
832
6
14D
14E
45
44
14A
14B
14C
49
41
54
52
55
902
856
900
875
47


MAP C
North
55
Y
W
X
LOT 11
47
Alumni Hall
60
Q
R
S
LOT 15
LOT 16
Alumni Drive
53
UNF Hall
First Coast Technology Parkway
LOT 17
43
LOT 17T
Kernan Boulevard
LOT 16
48
Betty Holzendorf Drive

Campus Map Legend

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

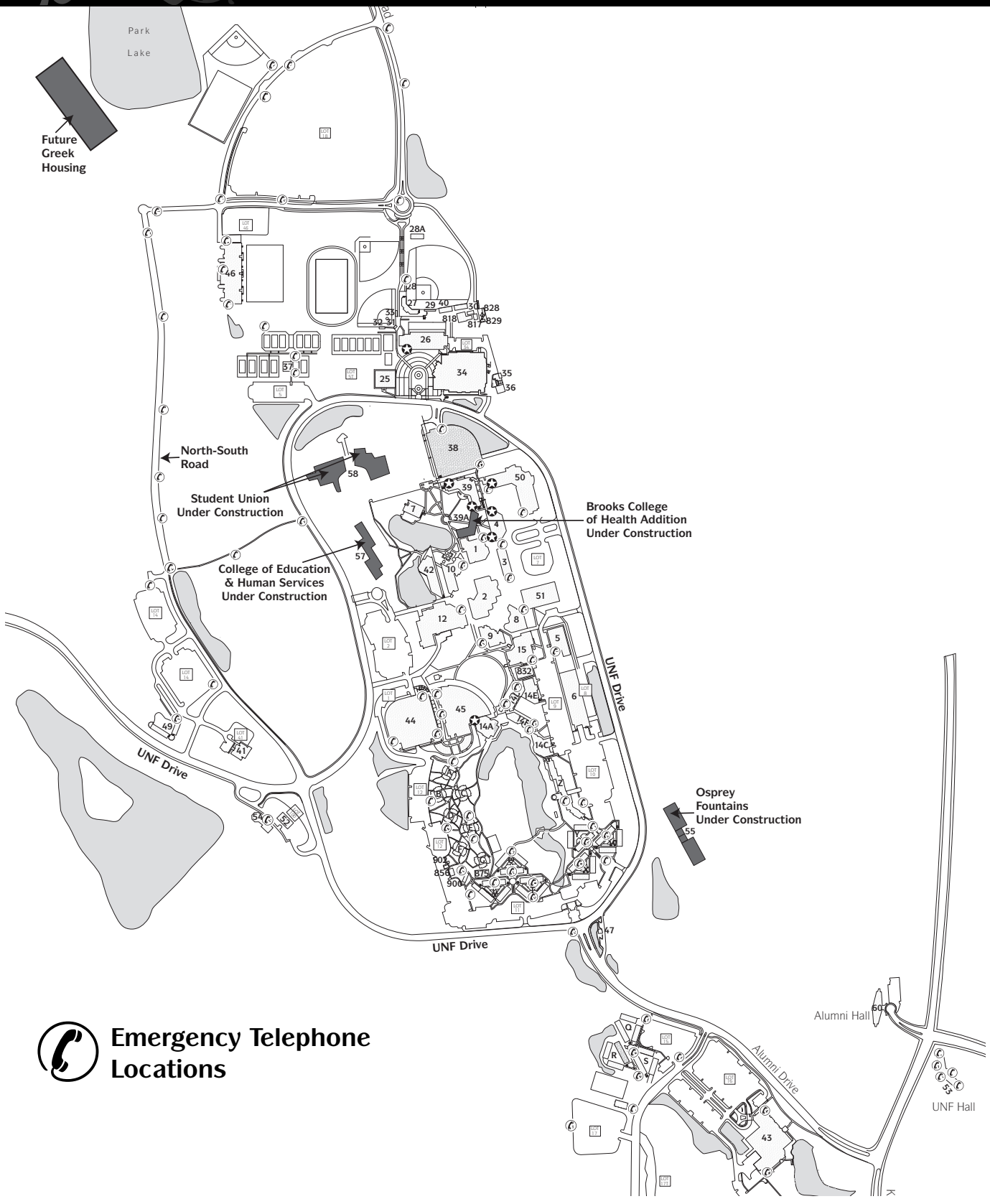
Departments with Building Location

Academic Advising, Office of COEHS (Bldg. 9)
Academic Affairs, Vice President (Bldg. 1)
Academic Center for Excellence (Bldg. 2)
Academic Testing, Office of (Bldg. 2)
Accounting & Finance, Department of (Bldg. 42)
ADA Compliance Office (Bldg. 832B)
Administration & Finance, Vice President (Bldg. 1)
Admissions (Bldg. 2)
Affirmative Action Office (Bldg. 1)
African American Student Union (Bldg. 14)
Alumni Cafe (Bldg. 9)
Alumni Services (Bldg. 60)
Aquatic Center (Bldg. 26)
Arena (Bldg. 34)
Art & Design, Department of (Bldg. 45)
Art Studios (ceramics, drawing, painting, printmaking) (Bldg. 45)
Arts & Sciences Advising Office (Bldg. 51)
Assessment Room (Bldg. 25)
Athletics (Bldg. 34)
Athletic Training & Physical Therapy, Department of (Bldg. 39)
Atomic Physics Laboratory (Bldg. 50)
Auxiliary Services (Bldg. 1)
Banquet Room/Meeting Rooms (Bldg. 14)
Baseball Stadium (Bldg. 27)

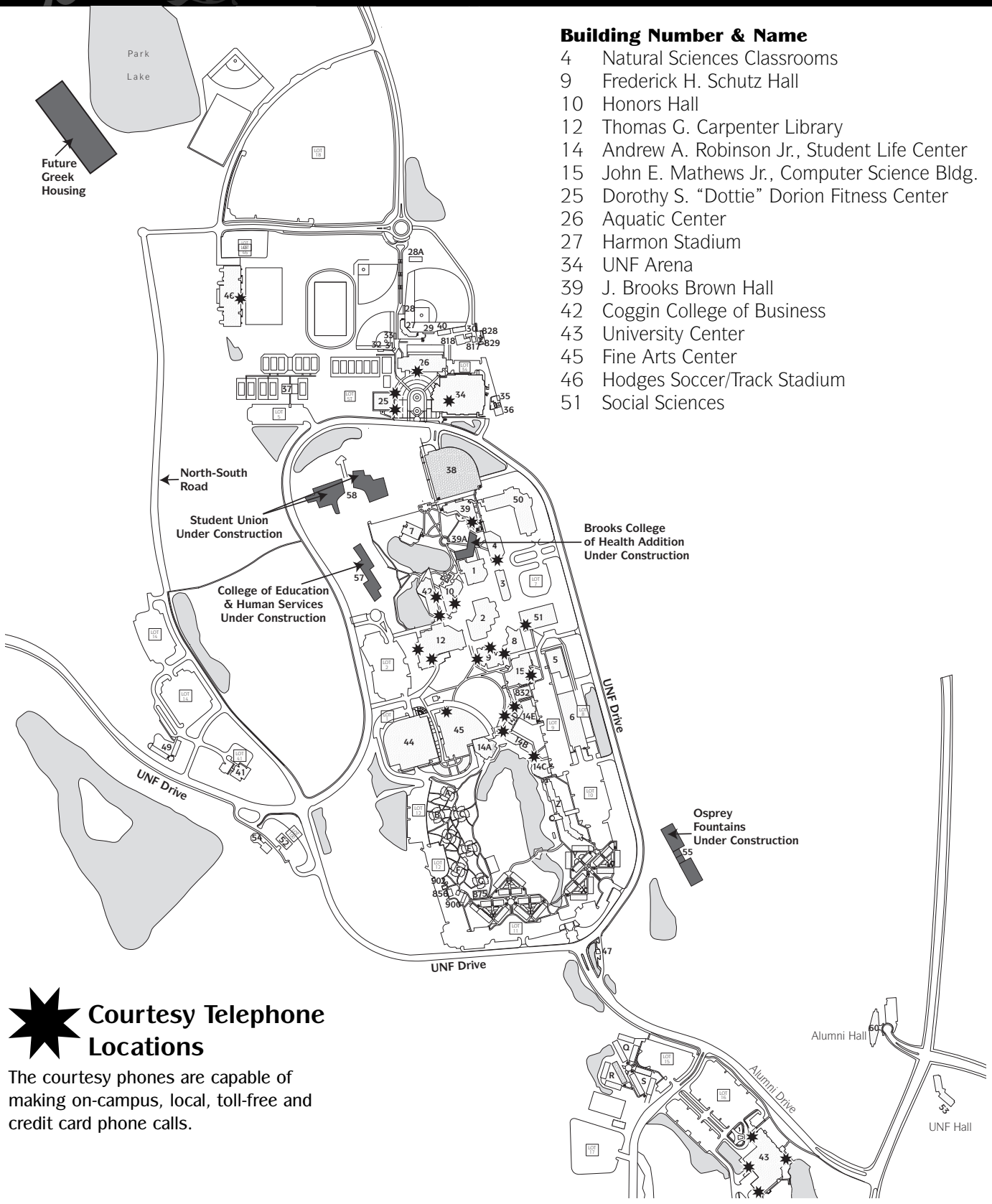
Biology, Department of (Bldg. 3)
Biology Laboratories (Bldg. 4)
Bookstore (Bldg. 8)
Brooks College of Health, Dean (Bldg. 39)
Budget Office (Bldg. 53)
Building Construction Management (Bldg. 50)
Campus Alcohol & Drug Information Center (CADIC) (Bldg. 34)
Campus Housing (Bldgs. A-G & Q-Z)
Campus Housing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

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

Emergency Telephone Locations



Courtesy Telephone Locations



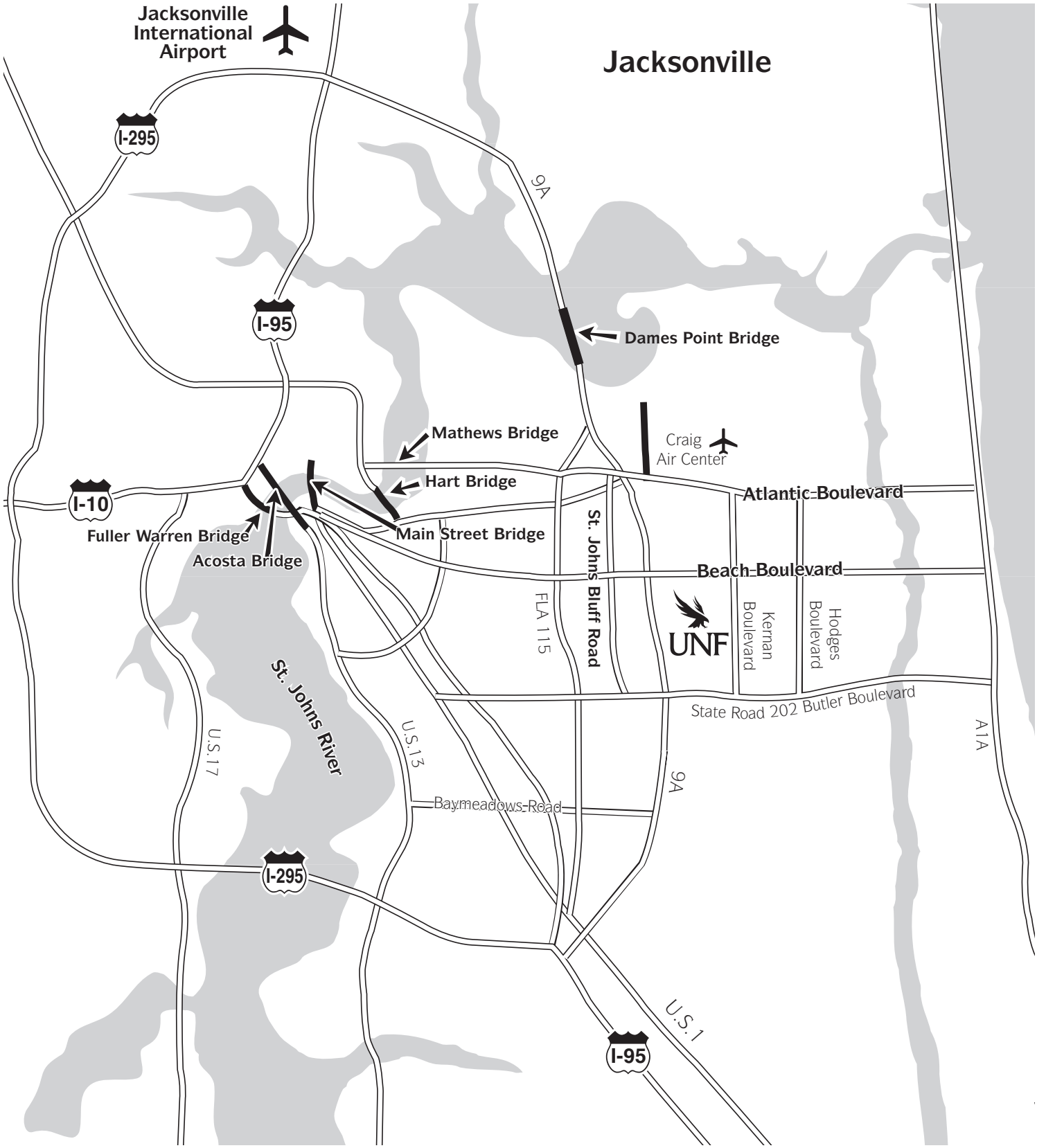
Building Number & Name

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

Courtesy Telephone Locations

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

Jacksonville Area Map



Academic Calendar 2008-2009

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

The deadlines for applications and supporting materials to be received vary by program. Interested students should consult the Graduate School website early in the application process to find the appropriate deadline for the intended program. The web address is: www.unf.edu/graduatestudies/prospective/applying/deadlines.html

	Fall 2008	Spring 2009	Summer A 2009	Summer B 2009	Cross-term 2009	10 Week Term 2009	Fall 2009
Application deadline for admission by international students*	May 1	Oct. 1	Feb. 1	Feb. 1	Feb. 1	Feb. 1	May 1
Housing Check-in (tentative)	Aug. 23, 26-27	Jan. 6					
Classes begin	Aug. 25	Jan. 5	May 11	June 24	May 11	May 11	Aug. 24
Application for Graduation	Sept. 12	Jan. 23	June 5	June 5	June 5	June 5	Sept. 11
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 Jan. 11	Nov. 23 Feb. 29	June 6	June 6	June 6	June 6 Sept. 5	July 25
Administration of FTCE	Oct. 13 March 1	Jan. 12 April 19	July 26	July 26	July 26	July 26 Oct. 25	Sept. 13
Classes end	Dec. 5	April 17	June 19	July 31	July 31	July 17	Dec. 4
Final examinations	Dec. 8-14	April 26-May 2					Dec.5-11
Term ends	Dec. 12	April 24	June 19	July 31	July 31	July 17	Dec. 11

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

Holiday Calendar 2008-2009

The official University calendar will appear on the website.

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

Religious Holidays commonly observed by UNF students/staff.

Christian Holidays:

December 25, 2008	Christmas
April 12, 2009	Easter

Hindu Holidays:

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

Islamic Holidays:

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

Jewish Holidays:

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

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

Seal, Logo and Mascot

The Seal

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

The UNF Logo

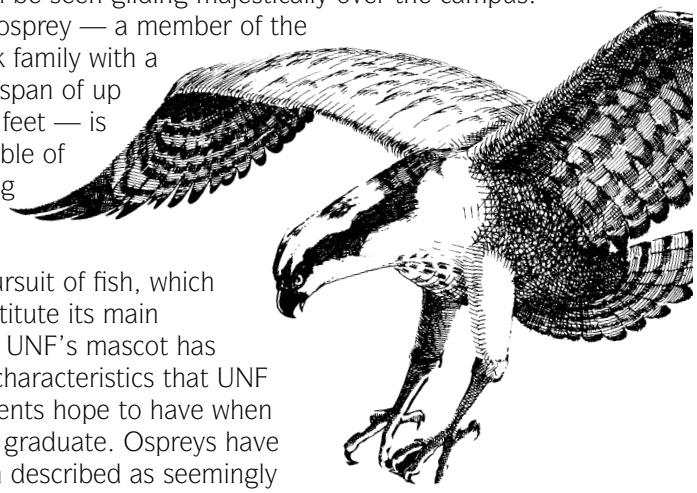
The University's graphic symbol is depicted at left. It consists of three elements. The initials UNF are referred to as the monogram. The words University of North Florida are referred to as the descriptor. The bird is the osprey image. The logo can appear with or without the descriptor. The osprey image should never be used alone. The logo appears on official University stationery, business cards, envelopes, Web pages and external publications. Blue and gray are the official UNF colors. Visual Identity Guidelines, which explain the proper use of the UNF logos, are available at the Department of Marketing and Publications, or can be found online at www.unf.edu/ia/pr/marketing_and_publications/visualid.

The Athletics Logo

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

The Osprey Mascot

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



The osprey — a member of the hawk family with a wingspan of up to 6 feet — is capable of diving 80 mph in pursuit of fish, which constitute its main diet. UNF's mascot has the characteristics that UNF students hope to have when they graduate. Ospreys have been described as seemingly inexhaustible, tenacious, opportunistic, cosmopolitan, loyal to their species, adaptable, resilient and fond of living near other ospreys. Described as "trendy birds" in National Geographic magazine for their success in adapting to suburban neighborhoods, ospreys also are into recycling. Children's toys, plastic foam containers, cork buoys and doormats are some of the items they use to construct their gigantic nests. Ospreys, like UNF alumni, reside on all continents, except Antarctica. To commemorate UNF's commitment to the environment and its adoption of the osprey as its mascot, the University of North Florida Foundation Inc. commissioned a watercolor painting of the osprey by noted ornithologist and wildlife artist Frederick William Wetzel of Jacksonville. The painting hangs permanently in the special collections of the Thomas G. Carpenter Library.

General Information

The University of North Florida (UNF) is one of 11 public colleges and universities within the State University System in Florida. It is a comprehensive, metropolitan University which offers degree programs at the baccalaureate, master's, and doctoral levels. Initially established as an upper division and master's degree granting institution, UNF began offering classes in 1972 to a 2,000-member student body. In 1984, freshmen and sophomores were admitted and in 1990 the University opened a doctoral program in educational leadership.

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

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 graduate public administration program is accredited by the National Association of Schools of Public Affairs and Administration. 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 physical therapy program is accredited by the Commission on Accreditation in Physical Therapy Education. The master of public health degree program is a candidate for accreditation through the Council on Education for Public Health. The master of health administration program is accredited by the Commission on Accreditation of Healthcare Management Education. The baccalaureate nursing program is accredited by the National League for Nursing Accrediting Commission, and both the baccalaureate and graduate nursing programs are accredited by the Commission on Collegiate Nursing Education. The nutrition and dietetics program has accreditation from the Commission for Accreditation for Dietetics Education. The baccalaureate health administration program has national certification from the Association for University Programs in Health Administration. The athletic training education program is accredited by the Commission on Accreditation of Allied Health Education Programs.

UNF remains one of the most selective comprehensive universities in America. In fall 2007, approximately 1 out of every 4 freshman applicants enrolled in the fall class. With a mean SAT score of 1177 and grade point average of 3.6, UNF's 2007 fall freshman class reflected the University's commitment to high-quality undergraduate education. The minimum scores typically expected for admission to a four year university such as UNF are a sliding scale equivalent of 1000 on the SAT (or the ACT equivalent) and a GPA of 3.0.

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

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

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

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

Since its founding, UNF has demonstrated its continuing commitment to excellence in teaching, research, and service, with an emphasis on high-quality instruction. Members of the faculty simultaneously engage in and produce a level of creative scholarship that demonstrates a determination to remain at the cutting edge of intellectual inquiry and practice in their respective disciplines. Through its centers and institutes, lecture series, continuing education programs, and staff volunteer activities, UNF reaches thousands of community members. It has more than 570 faculty and more than 1,040 full-time and part-time staff members. The total UNF budget exceeds $180.5 million annually. The University has been strengthened significantly by its public-private partnerships. Through the strong support of the University of North Florida Foundation Inc. and the generosity of corporate leaders and dedicated residents of Florida's First Coast region, UNF has four fully funded eminent scholar chairs, valued at more than $7 million: the Andrew A. Robinson Jr. Chair in Educational Policy and Economic Development; the Ira M. Koger Chair in American Music; the Prime F. Osborn Chair in Transportation; and the Paper and Plastics Education Research Foundation Endowed Chair in Supply Chain Management. The University also has more than 30 endowed faculty positions.

Statement of Vision

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

Statement of Mission

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

Fulfilling its Mission

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

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

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

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

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

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

Colleges

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

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

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

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

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

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

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

Support Services

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

Campus

Designated as a wildlife sanctuary, UNF's campus is located seven miles from the Atlantic Ocean and 12 miles southeast of downtown Jacksonville. It is situated on more than 1,300 acres of wooded ridges, interspersed with small lakes.

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

The core of the campus is relatively compact, with most of the academic buildings connected by a two-story,

covered, pedestrian walkway. Parking areas surround the campus, with a shuttle service providing easy transportation from the remote lots to University buildings.

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

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

The Community

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

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

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

With 68 miles of Atlantic Ocean coastline, the St. Johns River, and the Intracoastal Waterway, Northeast Florida offers unparalleled facilities for water sport enthusiasts. Public and private golf courses and tennis courts are also available in and around the city, as are numerous state and municipal parks. And many of Florida's major tourist attractions and theme parks are within easy driving distance of the city.

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

An Invitation

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

Equal Opportunity/Equal Access/Affirmative Action

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

Graduate Programs

Mark E. Workman, Provost & Vice President, Academic Affairs
(904) 620-2700
David E. W. Fenner, Dean, The Graduate School
(904) 620-1360

Greetings

The University and The Graduate School at UNF are pleased to welcome you and hope to offer you every possible encouragement in pursuing your educational aims at the University of North Florida. Currently, the University of North Florida offers three doctoral and 27 master's degrees. Most of these master's degrees contain more than one specialized track to meet student needs. In addition, UNF offers several post-baccalaureate or post-masters certification programs that result in a student's either receiving a non-degree certificate awarded by UNF or in the completion of the course work required for state licensure or certification.

Most of our programs accept both full-time and part-time students. Most of our programs also accept applicants year round and invite you to apply to begin in fall semester, spring semester, summer A term, or summer B term.

Photo by Joao Bicalho

Doctoral Programs

Brooks College of Health

Doctor of Nursing Practice

Doctor of Physical Therapy

College of Education and Human Services

Doctor of Education in Educational Leadership

Masters Programs

Brooks College of Health

Master of Science in Health

Master of Health Administration

Master of Science in Nursing

Master of Public Health: Community Health

Master of Science in Rehabilitation Counseling

Coggin College of Business

Master of Business Administration

Master of Accountancy

GlobalMBA

College of Arts and Sciences

Master of Arts in Biology

Master of Science in Biology

Master of Arts in English

Master of Arts in History

Master of Science in Mathematical Sciences

Master of Arts in Counseling Psychology

Master of Arts in General Psychology

Master of Public Administration

Master of Science in Criminal Justice

Master of Science in Applied Sociology

Master of Arts in Practical Philosophy and Applied Ethics

College of Computing, Engineering and Construction

Master of Science in Computer and Information Sciences

Master of Science in Civil Engineering

Master of Science in Electrical Engineering

Master of Science in Mechanical Engineering

College of Education and Human Services

Master of Education in Educational Leadership

Master of Education in Special Education

Master of Education in Counselor Education

Master of Education in Elementary Education

Master of Education in Secondary Education

Certification Programs

Brooks College of Health

Nurse Practitioner

Coggin College of Business

International Business

E-Business

College of Arts and Sciences

Applied Ethics

Certification in Non-profit Management

College of Education and Human Services

Teacher Certification

Counselor Education: Advanced Certificate

- School Counseling

Educational Leadership

- School Leadership (Administrator Certification)
- Certification of Transformation of Conflict

Collaborative Programs in Engineering

The University of North Florida serves as a FEEDS (Florida Engineering Education Delivery System) center, facilitating the delivery of engineering graduate degree programs and courses in the First Coast region. The FEEDS provides a distance learning link between the classroom and engineers unable to attend classes on campus. Course materials originate at FEEDS centers located in Florida colleges of engineering with accredited degree programs. For information visit UNF's website at www.unf.edu/ccec or e-mail feeds@unf.edu.

Admissions

David E. W. Fenner, Dean, The Graduate School
Keith E. Martin, Director, The Graduate School
(904) 620-1360

Getting Admitted into UNF

The Application Procedure

We strongly encourage you to contact the graduate advisor of the degree program in which you are interested. Feel free to do so at any time during and even before you begin the application process.

1. Obtain an application form. You may download the form from the UNF website at **www.unf.edu/graduatestudies**. You may request an application in person from The Graduate School in Bldg. 1, Room 1200, by phone at (904) 620-1360, or by e-mail at **graduatestudies@unf.edu**. You can also complete an application online at **www.unf.edu/graduatestudies**.
2. Complete and send in the application form and the application fee of $30 (check or money order) by the deadline posted for the semester you would like to begin your graduate studies. Applications should be sent to the following address:
   The Graduate School
   University of North Florida
   1 UNF Drive
   Jacksonville, FL 32224
3. Arrange to have an official transcript sent to the Graduate School from each and every college or university you have attended, including community colleges and professional schools.
4. In accordance with the requirements of the specific graduate program to which you are applying, take the Graduate Record Exam (GRE) or Graduate Management Admissions Test (GMAT) and arrange to have the Educational Testing Service (ETS) send your test scores to The Graduate School at UNF. For information on the GRE or GMAT, students may contact the Graduate School or view the ETS website at www.ets.org. UNF's institutional code is **5490**.
5. Send all supporting documents to the Graduate School. Supporting documents include recommendation letters, personal statements, writing samples, English proficiency tests, etc.
6. Students at Florida public universities are required to provide proof of immunization against rubeola (measles) and rubella (German measles) prior to the initial registration. This policy applies to students who attend classes taught at the main campus. Questions concerning this policy should be directed to the Student Health Services Office in the Student Life Center, Building 39/Room 2045, (904) 620-2175.
7. The University reserves the right to review the case of any student who has been implicated in a criminal offense prior to admission to determine eligibility for admission and participation in extracurricular activities. At the time of application, students must disclose the final disposition of any past or pending judicial proceedings and submit any pertinent documentation.

Once the Graduate School has received your transcripts and test scores, your application will then be forwarded in the form of a **Graduate Referral** to the graduate advisor of the program to which you are applying. The department will then review your application, make an admission decision, and notify us. You will then receive a letter notifying you of the decision.

Admission Requirements

There are two sets of requirements: state-mandated requirements and the specific requirements of each UNF graduate program.

State-Mandated Admission Requirements

1. A baccalaureate degree from a regionally accredited college or university.
2. GRE or GMAT scores. (depending upon program)

3. One of the following achievements:
   a. a grade point average of 3.0 (B) or higher in all work attempted as an upper-level student, typically the last 60 credit hours;
   b. a composite score of 1,000 or higher on the verbal and quantitative sections of the GRE or a score of 500 or higher on the GMAT; or
   c. a graduate degree from an accredited institution.

UNF Program Specific Admission Requirements

Students must also meet the specific requirements of the program to which they are seeking admission. These requirements are listed under each program later in this catalog.

Types of Admission Status

Full-Time and Part-Time

In most, but not all programs, a student — once accepted — may attend either full-time (nine or more hours per term) or part-time (less than nine hours per term).

Full Admission

Applicants who meet both the state-mandated admission requirements and those specific to the individual UNF graduate program are eligible to be fully accepted into the program.

Provisional Admission

Some programs have an exceptions policy and will conditionally accept applicants who do not meet the State-mandated admission requirements. These applicants must meet the conditions stipulated by the program administrator of the graduate program in question. Such conditions might include, but are not limited to, successfully completing a prescribed series of graduate courses (a "trial" program).

Different programs use provisional admissions in different ways. Some will provisionally accept applicants who have met state-mandated admission requirements but not all of the program specific requirements. Other programs will provisionally admit an applicant who has not met all undergraduate prerequisite courses and permit this person to enroll in a limited number of 5000-level courses while working to complete prerequisites. Other programs, however, require a provisionally admitted student to fulfill all undergraduate course prerequisites before enrolling in graduate courses.

Post-Baccalaureate Admission

A person who does not wish to seek a degree may apply for post-baccalaureate status. Post-baccalaureate status does not automatically confer the right to take graduate courses. The person must receive prior approval and electronic permission from the program director of the graduate program in which he or she wishes to take courses.

Up to 10 hours of graduate course work taken as a post-baccalaureate student may apply toward the master's degree program in question once the person has been fully admitted to a graduate program.

Certificate Program Admission

An applicant who meets the admission requirements for a certificate program is permitted to take a limited number of graduate courses. Some of these certificate programs require prior completion of a baccalaureate degree, while others require prior completion of a master's degree. These programs result in the student receiving a non-degree certificate awarded by UNF or in completing the course work required for state licensure or certification. See program areas listed in this catalog for details.

Special Admission

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

Special Admission for Transient Students

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

Special Admission for Inter-Institutional Transient Students

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

The process is the same for UNF students seeking to attend other institutions for a single term or for the duration of a special program. UNF students must have the support of their academic dean, who is responsible for arranging their visits. UNF students will register at and pay the tuition and fees of the institution they are visiting.

Special Admissions for Veterans

In order to be eligible for VA benefits, veterans who seek Provisional Admission as Transient or Inter-Institutional Transient students must meet the conditions stipulated by the Office of Veterans Affairs. The UNF office is in Building 2/Room 1242.

Readmission of Inactive Students

Students who have been accepted previously but who never enrolled or who have not taken courses for one year (three consecutive terms, including summers) must update their admissions applications with the Graduate School. They must do so at least six weeks before the beginning of the term in which they wish to enroll. They will not be required to pay an additional application fee but will be responsible for meeting any new general admissions requirements or program specific requirements.

Non-Discrimination

The University of North Florida encourages application from qualified persons and does not discriminate on the basis of race, color, religion, national origin, sexual orientation, veteran's status, disability, age, marital status, or gender. The president has delegated responsibility for the implementation of the University's equal opportunity and non-discrimination policies and affirmative action program to the director, Office of Equal Opportunity Programs. Inquiries about policies and practices may be directed to the EOP Office at (904) 620-2507.

Message for International Students

The University of North Florida, The Graduate School, and the International Center are 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 graduate 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.

The Graduate School and the International Center will be happy to help you with the admissions process, described below.

The Application Procedure — UNF Admissions Requirements for International Students

1. **Application Forms** International students must complete and submit a printed application form or submit an online application. Further information is available at www.unf.edu/graduatestudies.
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. Some programs have alternative deadlines for the submission of the application materials, and these deadlines may be found online at www.unf.edu/graduatestudies/.

The general 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. The application fee must be in U.S. currency only (check or money order) drawn from a U.S. bank.
4. **Academic Records and Credentials Evaluation** Applicants must submit official academic credentials in the form of original documents bearing the seal of the institution and the signature of their institution's Registrar, or exact copies that have been legally certified. The UNF International Center may provide the applicant with the following academic records and credentials evaluations services only if the original documents have literal and complete translations in English:
   a. Document-by-document evaluation (degree, diploma, GPA)
   b. College level course-by-course evaluations (with GPA, course levels, and credits)

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

5. **GRE and GMAT Test Scores** Applicants must take the required graduate tests — the GRE or the GMAT as required by their intended program — and arrange for the Educational Testing Service to forward the scores to The Graduate School at UNF. UNF's institutional code is **5490**.
6. **English Proficiency** Applicants from countries where the official language is other than English must demonstrate proficiency in English. One such method is to take the Test of English as a Foreign Language (TOEFL), receive a score of 500 or higher (550 or higher for graduate business and engineering programs) for paper-based, 173 for computer-based, and 61 for Internet-based, and submit their score with their application. The TOEFL is offered by the Educational Testing Service, Princeton, N.J. 08541, U.S.A. UNF's

institutional code is **5490**. Alternative methods of proving English proficiency may be found online at www.unf.edu/admissions/applying/engprof.html.

The Application Procedure — United States Immigration Requirements

1. **Certification of Finances**. The U.S. Department of Homeland Security requires UNF to insure 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 Pre-registration 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 (Student Health Services). (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 "International Student Health Insurance Evaluation" form available from the UNF Office of Student Health Services at (904) 620-2175 or from their web page. If you do not have such insurance, you can purchase insurance through the UNF Office of Student Health Services. **Beginning with the fall term of 2008:** Insurance coverage must include the full year, including annual breaks, regardless of the student's terms of enrollment. The policy must provide continuous coverage for the entire period the insured is enrolled as an eligible student. Payment of benefits must be renewable.

c. Certification of Immunization All students born after 1956 must meet immunization requirements of two doses of Measles and one dose of Rubella. Please refer to the "Immunization Documentation" form. This form is available from the UNF Office of Student Health Services Web page.

d. Effective July 1, 2008, all new matriculating students must provide documentation of vaccinations against meningococcal meningitis and hepatitis B or provide a signed waiver for each declined vaccination. All new matriculating students 18 or older who choose not to be vaccinated against either meningococcal meningitis or hepatitis B must sign a statement that they have been made aware of the potential fatal nature of the diseases and chose not to be vaccinated. All new matriculating minor-age students must provide signed parental consent to opt out of vaccination from either of these diseases. See Student Health Services section of this catalog for more information about these diseases. If you have questions, contact Student Health Services at (904) 620-2175/fax (904) 620-2901 or visit the web page: www.unf.edu/dept/medcom/UNFImmuniz.htm

Estimated Student Expenses

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

Tuition and fees (9 credit hours each term)	$15,159.00
Books and supplies	800.00
Room and board	6,834.00
Miscellaneous expenses	4,366.00
Estimated Total	**$27,159.00**

Financial Information

Tuition and Student Fees

Florida Residency for Tuition Purposes

Tuition and fees at each public institution in Florida are set by the Florida Legislature with limited flexibility given to university Boards of Trustees. These fees are assessed on the basis of residency, i.e., enrolling students are classified either as "Florida" or "Non-Florida" students.

In the determination of resident status for tuition purposes, it is the policy of the University of North Florida to follow laws of the state of Florida as well as regulations and policy guidelines established by the Florida Board of Governors. The policy on residency status for tuition purposes as adopted by the University of North Florida is subject to Florida Statute 1009.21 and the Florida Board of Governors Resolution. The guidelines listed here do not comprise a comprehensive statement regarding residency status for tuition purposes in the state of Florida. Please refer to the FACTS.org home page, **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 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 of the following three Florida documents that are dated more than 12 months old:
   a. a voter's registration,
   b. a driver's license, or
   c. a vehicle registration.

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

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

If the student requesting Florida residency does not meet all of the criteria listed above, he or she must be evaluated further to determine his or her residency status. The student will need to provide clear and

convincing evidence that establishes that he or she, or if dependent, the student's mother, father, or guardian, has been a Florida resident for the preceding 12 months.

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

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

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

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

Reclassification

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

Tuition and Student Fee Schedule

Fees are subject to change without prior notice. Please contact the Cashier's Office at (904) 620-2472 or refer to their website for current tuition information at www.unf.edu/dept/controller/cashier.htm.

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

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

Graduate	Resident	Non-Resident
5000-7000 level courses	$266.27	$857.61
Nurse Anesthetist and	Resident	Non-Resident
Physical Therapy courses	$281.70	$932.17

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

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

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

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

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

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

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

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

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

$25 If face value of check is $.01 to $50
$30 If face value of check is $50.01 to $300
$40 If face value of check is $300.01 to $800
5 percent of face value of check that exceeds $800

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

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

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

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

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

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

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

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

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

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

Fee Payment

All fees must be paid or pended in the Cashier's Office by the date listed in the University Calendar online unless you are automatically pended. Failure to pay or pend may result in registration cancellation, but not necessarily fee liability. A $100 late payment fee will be assessed on all fees not pended or paid in full by the date listed in the University Calendar. If your tuition bill is deferred against pending financial aid, your aid must be disbursed to your account prior to the expiration date or you will be assessed a $100 late fee. FINANCIAL AID IS NOT AUTOMATIC. You should check your myWings account on the status of your aid and to ensure that you've completed all documents, signed promissory notes for loans, etc. NOTE: You must be enrolled in at least 6 credit hours to qualify for Bright Futures and student loans.

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

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

Florida Prepaid

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

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

Students who have Florida Prepaid for 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 $100 reinstatement fee and a $100 late payment fee.

Fee Refunds

Full refunds will be issued for each course dropped before the close of the drop/add period indicated in the University Calendar online. Students can drop courses in person, or online via the myWings web portal. A full refund will be made for University cancellation of courses or denial of a student's admission to a course. Courses dropped within this period will not appear on the student's transcript.

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

Fee Petitions

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

1. Student's involuntary call to active military duty.
2. Death of the student or a member of the student's immediate family (parent, spouse, child, sibling).
3. Incapacitating illness of such duration or severity, as confirmed in writing by a physician, that completion of the term is impossible.
4. A situation in which the University is in error.

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

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

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

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

Financial Holds

Failure to pay outstanding amounts due UNF will result in a financial hold being placed on the student's records and the registration process. A financial hold prohibits processing of requests for transcripts, registration, reinstatement, enrollment verification, release of grades, and receipt of diploma until the debt is cleared by the Cashier's Office.

Waiver of Tuition:

Florida Residents over 60 Years of Age

Waivers are available to Florida citizens over the age of 60. Citizens using these waivers are restricted to

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

Children of law enforcement officers and 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, (904) 620-5555.

Student Employment at UNF

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

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

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

Student workers, except FWSP and international students, are allowed to work up to 40 hours per week and retain FICA exemption. International students must be enrolled full-time and are limited to 20 work hours per week during fall and spring semesters. These student workers should check with The International Center for further information, (904) 620-2657.

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

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

Student Financial Aid

Application Procedures

The financial aid program at the University of North Florida is committed to serving all students. Its purpose is to provide financial assistance for students who would be unable to further their education without such support. Educational opportunities should not be limited by the financial resources of the students and their families, although the University expects students and/or their families to make a maximum effort to help with University expenses.

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

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

Types of Financial Aid

Federal Subsidized Stafford Loan Program:
Graduate students may borrow up to $8,500 per academic year from the "subsidized" Federal Stafford Loan. The maximum aggregate limit is $65,500, which includes any loans outstanding from undergraduate study from the "subsidized" Federal Stafford Loan Program.

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

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 biweekly basis. Students must demonstrate financial need through completion of a FAFSA.

Graduate PLUS Loans: The Graduate PLUS Loan Program enables students to borrow directly from lending institutions to assist in defraying the cost of attending eligible post-secondary institutions. An eligible graduate student 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.

Graduate Assistantships: A limited number of graduate assistantships and fellowships are available to qualified students. Continuation of the awards is based on the student's satisfactory performance in both academic and assigned duties. Graduate students who wish to apply for assistantships should write to the chairperson of the department in which they plan to enroll. Graduate students must be enrolled in nine credit hours for fall and spring or six credit hours for summer to be employed and classified as a graduate assistant.

Graduate Matriculation Fee Waivers

The state of Florida funds a limited number of graduate matriculation fee waivers for graduate students who are on either graduate assistantships or fellowships. These matriculation fees waivers can be used to offset a portion of a graduate student's in-state tuition. A student must be a fully admitted graduate student to qualify under this program. Because each college administers this program using different requirements, students are encouraged to contact their college as early as possible to determine their eligibility.

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 the One Stop Student Services Center. 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

Graduate Students must achieve a minimum term grade point average of 3.0 to be considered making satisfactory progress.

Required Completion Rate

Graduate students are required to complete 67 percent of all credit hours attempted.

Requirement of Maximum Time Frame

The Higher Education Act requires that institutions establish a maximum time frame in which students receiving Title IV funds are expected to complete their program of study. To remain eligible for financial assistance, the students must complete their degree as follows: Graduate students' eligibility for financial aid ends when they have exceeded 45 attempted hours for all graduate level 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 returning the form to the One Stop Student Services Center. Enrollment Services Processing 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 the One Stop Student Services Center within three weeks of the date of notification of unsatisfactory progress. It is the responsibility of the student to decide when an appeal is appropriate and to initiate an appeal before the specified deadline.

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

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

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

Step 1. Determine the percentage of the enrollment period the student attended before withdrawing. (days attended divided by total days in the period minus break days.)

Step 2. Determine the amount of Title IV aid earned by multiplying the total Title IV aid (other than Federal Work-Study) for which the student qualified by the percentage of time enrolled.

Step 3. Compare the amount earned to the amount disbursed. If more aid was disbursed than was earned, determine the amount of Tile 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
Students interested in scholarship information can visit www.unf.edu/finaid/scholarships/index.html.

UNF Graduate Scholarships
Each year the University of North Florida sets aside money to support a limited number of graduate scholarships. A student must be a fully admitted graduate student to qualify under this program. Because

each college administers this program using different requirements, students are encouraged to contact their college as early as possible to determine their eligibility.

Delores A. Auzenne Fellowship for Graduate Study

The Delores A. Auzenne Fellowship for Graduate Study is designed to assist the University in increasing enrollment of minority graduate students who are enrolled in disciplines in which there is under-representation of the minority group at the graduate level. The award is $5,000 for year-long, full-time study.

Special Summer Graduate Program

This six-week summer program provides $1,300 stipends to minority students who have been accepted to graduate programs at the University to provide the necessary skills and preparation essential for success in graduate school.

Tuition Deferment

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

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

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

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

Financial Aid and Scholarship Disbursement

The first disbursement of financial aid checks occurs after the third week of classes. As students' files are cleared, financial aid checks are issued to eligible students on a weekly basis throughout the term. If you are a first time borrower at UNF under the Federal Stafford Loan Program, 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 or deposited via direct deposit on established disbursement dates.

NOTE: All financial aid recipients should be prepared to purchase textbooks and to meet their living expenses during the first four weeks of class.

Veterans Assistance Certification

The One Stop Student Services Center 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 by calling One Stop Student Services Center at (904) 620-5555.

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

Types of Programs, Eligibility & Benefits

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

Chapter 31 - Vocational Rehabilitation: Must have a service-connected disability rated at 10 percent or more which causes a demonstrable employment handicap.

Chapter 32 - Veterans Educational Assistance Program: Served on active duty for at least 181 continuous days and enlisted for the first time between Jan. 1, 1977 and June 30, 1985 inclusive, and signed up prior to April 1, 1987 to make contributions.

Chapter 35 - Dependents Educational Assistance Program: Spouse and/or child of a veteran with permanent and total service-connected disability; or whose death was service connected; or who died of any cause while rated as having a permanent and total service-connected disability.

Chapter 1606 - Educational Assistance for the Selected Reserve:

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

Students must expect a possible delay of 60 days in receipt of benefits during their first term at UNF to allow for processing of forms at the regional level. Initial certifica-

tion can be made for one semester during which time the student may be waiting for transcripts or test scores (i.e., GRE, GMAT). However, students may not be certified for a second term until fully admitted into a graduate program.

Veterans who plan to attend UNF under any of the veterans training laws must contact One Stop Student Services at (904) 620-5555. The office will assist veterans with completing all forms necessary for transferring and initiating educational benefits.

Certification of School Attendance

One Stop Student Services certifies school attendance to the appropriate veterans administration office.

Full-Time	12 hours or more
Three-Quarter	9-11
Half-Time	6-8
Less than Half-Time, more than One-Quarter Time	4-5
One-Quarter Time	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 One Stop Student Services at (904) 620-5555 located in Building 2, Founders Hall.

VA Work-Study

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

Registration, Grading & Academic Progress

Registration Procedures

Prior to Registering

The Graduate School at UNF and One Stop Student Services strongly encourage students to keep in touch with their graduate program administrator, director, coordinator, and/or advisor. On behalf of all graduate coordinators and advisors, we recommend that graduate students review with their advisors what graduate courses they plan on taking prior to registration.

Registration

Three quarters through each semester One Stop Student Services posts online a course schedule for the upcoming semester. The website identifies the steps involved in registering for classes on the Internet or in person at One Stop Student Services. The website also includes a wealth of information about the Academic Calendar, application deadlines, financial dates and deadlines, the final examination schedule, commencement, myWings, information for new students concerning orientation and the Student Identification Card, Student Services, the UNF policies on drugs and alcohol, and much more.

Adding and Dropping Courses During Drop/Add

Students may add and drop courses from the **first day of registration through the final day of the drop/add period,** usually the first week of classes. Students may add and drop courses in person at One Stop Student Services or via myWings. **Courses officially dropped during the drop/add period will not be entered on a student's permanent (transcript) record and will be completely refunded.** One Stop Student Services may drop a student from all classes if this person does not pay or arrange for the deferral of tuition and fees by the posted deadline.

Dropping and Adding Courses

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

Non-attendance does not guarantee a student will be dropped from a class. Students are fee liable for all courses they register for unless dropped. Students must drop themselves from all courses they do not want to take.

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

Withdrawals

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

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

Late Withdrawals

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

Petitions

Completing a petition **does not guarantee** that a particular policy will be waived as petitions are considered exceptions and are evaluated on a case-by-case basis. **Documentation** of the circumstances related to the request **MUST** accompany the petition in order for the petition to be considered. Please visit the website to view items that cannot be petitioned, (www.unf.edu/registrar) "Petitioning University Academic Policies."

Course Loads

A full-time graduate course load is nine or more hours; a part-time graduate course load is fewer than nine hours. Students who wish to take more than 15 hours must present to the Graduate School written approval from the student's program administrator. For information on the number of hours students must take in order to be eligible for financial assistance programs, refer to the Financial Information section of the catalog.

Graduate Course Numbering

In accordance with the State University System's Statewide Common Course Numbering System, UNF offers three "levels" of graduate courses. 5000-level courses are typically introductory or beginning graduate-level courses. In some programs they are double-listed with undergraduate 4000-level courses, in which case they are offered to undergraduates for 4000-level credit and to graduate students (who are required to complete undergraduate and additional graduate course work requirements) for 5000-level credit. 6000-level courses are master's degree-level courses. 7000-level courses are doctoral courses. At present, UNF offers such courses in its Doctor of Education in Educational Leadership, Doctor of Nursing Practice, and Doctor of Physical Therapy programs.

Grading System

Grades

A	4.0	**B-**	2.7
A-	3.7	**C+**	2.3
B+	3.3	**C**	2.0
B	3.0	**D**	1.0

F and WF 0.0 (calculated in GPA)
X, I, NR, P, W, WP, WM, WS 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. **Audited courses do not count towards financial aid.**

I - Incomplete: At the instructor's discretion, students who have not completed required work in a course by the end of the term may be assigned a grade of "I." In order for an "I" to be assigned, the student must have completed a substantial portion (at least a majority) of the course with a passing grade. The "I" is not computed in the grade point average. The time limit for removing the "I" is set by the instructor of the course. This time limit may not exceed one calendar year or graduation, whichever comes first. The time limit applies whether the student is in residence or not. To extend an incomplete beyond one year, the student must petition for a waiver of University policy.

Any "I" will be changed to a final evaluative grade (one that is used in calculating GPAs) at the time the student completes the required work. **Students may not register for courses in which incomplete grades have been received.** Any "I" grade not removed by the end of the time limit will be changed to a final grade to be determined by the instructor. This grade will be used to calculate the student's cumulative GPA. If no final grade is issued, the "I" will change to an "F" and will be calculated in the grade point average.

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

NR - No Record: "NR" is assigned when grades for an entire class or portion thereof are not submitted by the processing deadline. Enrollment Services Processing will send a list of "NR" grades to the respective department chairpersons, who will be responsible for communicating with faculty members about removing the "NR" grade. The "NR" may remain on the record for up to one year but should not remain in the student's transcript beyond graduation.

P - Passing: Indicates passing grade for the employment experience in the Cooperative Education Program and, at the discretion of the college and departments, for thesis, dissertation, independent study, practicum and/or internship courses. Passing grades are not calculated in the grade point average.

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

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

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

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

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

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.

Grade Point Average

The registrar determines GPA by dividing the sum of grade points earned in graded courses by the number of UNF hours attempted. In the following example, the sum of all grade points multiplied by credit hours (48.7) divided by the number of (Psychology) course credit hours (14) equals a GPA of 3.478.

Example:

Course	Grade	Grade Points	x	Credit Hrs	=	Total Points
PCO 6056	A-	3.7		4		14.8
PCO 6317C	B	3.0		4		12.0
PCO 6869	B+	3.3		3		9.9
PCO 6935	A	4.0		3		12.0
Totals:				14		48.7

The graduate GPA does not include hours with grades of X, I, P, NR, W, WP, WM, WS. Transfer credits are also not included. Graduate students are not eligible for grade or term forgiveness.

Graduate GPA

The graduate GPA includes all graduate credits taken once the student has been accepted as a degree-seeking graduate student. This includes all graduate credits taken as a postbaccalaureate student, even before official admission to a graduate program, when those credits are used to fulfill degree requirements.

Graduate credits taken as a post-baccalaureate student, when those hours are not counted toward fulfillment of degree requirements, are not counted in the construction of the graduate GPA. Undergraduate credits, no matter when they are taken, are not counted. Transfer credits are not counted.

Satisfactory Academic Progress

Good Academic Standing: A graduate student who has a cumulative UNF graduate GPA of 3.0 or higher is considered to be in good academic standing.

A graduate student must have a cumulative UNF graduate GPA of 3.0 or higher to be eligible for graduation and the award of a graduate degree.

Graduate students who hold assistantships and fellowships are expected to be in good academic standing.

Academic Probation: A graduate student who fails to maintain a cumulative UNF graduate GPA of at least 3.0 will be considered not in good academic standing and will be placed on academic probation. Probation shall be noted on the academic transcript for each term in which the cumulative UNF graduate GPA is below 3.0.

Academic Suspension and Dismissal:
(1) If, while a graduate student is on probation, the cumulative UNF graduate GPA does not reach 3.0 in the next academic term, the student is eligible for suspension or dismissal from the program.

(2) If, while a graduate student is on probation, he or she earns a "D" or an "F" in a graduate course in his or her program of study, the student is eligible for suspension or dismissal from the program.

The decision concerning whether the student is actually placed on academic suspension rests with the particular program's graduate program director and/or the program's graduate program committee (should the program have one).

Academic suspension is noted on the academic transcript. A graduate student may not register for courses while on academic suspension. The decision to release the student from academic suspension rests with the particular program's graduate program director and/or graduate program committee.

Decisions made by graduate program directors and/or graduate program committees may be appealed by graduate students; such appeals are made through the normal academic appeals process as specified in the Graduate Catalog and Student Handbook.

Program-Specific Policies:
Many programs have program-specific policies further defining good academic standing and related matters. These program-specific policies, if inclusive of higher standards than those of the University, supersede University policy. Please refer to individual program requirements for more information.

Suspension of VA Benefits upon Unsatisfactory Progress

If the graduate GPA falls below 3.0 during the term following probation status, graduate students receiving Department of Veterans Affairs education benefits will be notified of their unsatisfactory progress and will have their benefits suspended.

Grade Reporting

At the close of each term, students may access their grades through the myWings portal available at www.unf.edu.

Course Credits

All credits are expressed in credit hours. All courses taken at UNF are considered residence credit.

Degree Completion Time Limits

All coursework for a graduate or post-baccalaureate professional degree must be completed within six years of a master's-degree-seeking student being admitted to a graduate program. All coursework for a doctoral degree must be completed within eight years. All exceptions must be approved by the student's graduate program director and the dean of the Graduate School.

Credit Validation for Course Work Completed more than Five Years Ago

UNF requires that students who have taken courses at UNF or elsewhere more than five years prior to the completion of a graduate-degree program or admission to candidacy for the doctoral degree must petition their program administrator to validate these courses before the Graduate School will apply them toward the student's current program. Program directors have the authority to require the student to demonstrate his or her knowledge of the material covered in those courses.

Colleges and programs may have more restrictive policies concerning course validation. Check with your program director.

Graduate Transfer Credit Policy

The residency requirement at UNF is 24 credit hours, 18 of which must be taken at the 6000 level. No student may earn a UNF graduate degree without 24 hours of UNF graduate course credit. It is also required that students earn a majority of credits toward their degrees at UNF.

Individual programs have particular requirements concerning transferring in credits. Most graduate programs at UNF allow a student to transfer in approximately 20 percent of the overall graduate credits required for a degree (rounded up to the nearest number divisible by 3) from another regionally accredited institution, as allowable under the residency requirement and as approved on a course by course basis at the discretion of the appropriate graduate program director. Additional credits may be transferred in via special petition, subject to the approval of the appropriate graduate program director and the graduate dean. No student may transfer in more than 40 percent of the overall credits required for a degree.

A student who transfers in more than 20 percent of the credits required for a degree may not apply any credits earned as a transient student (hours taken at another institution while the student is matriculating at UNF) toward fulfillment of that degree's requirements without prior approval of the appropriate graduate program director and the graduate dean. Students wishing to enroll in courses at another institution for the purpose of transferring credits into their graduate program of study must complete a "Concurrent Enrollment" form and have prior approval from the appropriate graduate program director.

Additional credit transfer conditions:
1. The student must have completed the course work subject to the time limits applicable to his or her current graduate program.
2. The student must have earned grades of 3.0 or higher in the courses.
3. The student is not entitled to apply transfer credits toward the 18-hour minimum of 6000-level courses required for all master's degrees.
4. The student is not entitled to transfer credit for correspondence courses, courses included in a completed degree program, or portfolio-based experiential learning that has taken place prior to admission to the current graduate program.

Credit Earned as a Post-Baccalaureate

A student may apply up to 10 hours of graduate course work taken at UNF as a post-baccalaureate. (Such credits will be included in the student's UNF graduate GPA.) The student must receive the approval of the program director, who will then inform the Graduate School.

Second Master's Residency Requirement

For a second master's degree, at least 24 hours of UNF graduate coursework in residency is required. Coursework counted in the fulfillment of any other UNF degree requirements cannot be counted toward this second master's residency requirement.

Graduation Time Limits/ Continuous Enrollment Policy

Students must submit a formal graduation application through myWings or 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 the Graduate School 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.

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: www.unf.edu.

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.

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 academic 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.

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 would be the only officially recognized e-mail address for all currently enrolled students.

Student Records, Rights & Responsibilities

Transcripts

UNF will process only written requests for transcripts. Electronic mail, fax, or telephone calls are not accepted. Students may complete a form available at One Stop Student Services or send a request by mail. Students must include a check or money order for the number of transcripts ordered. Transcripts are $8 each. Students who receive a 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.

One Stop Student Services cannot supply official copies of the student's standardized test scores or transcripts from other schools they have attended. Students must request scores and transcripts directly from those agencies or institutions.

Custodian of Records

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

Student Health/Medical: Office of Student Health Services
Student Services: Office of Student Affairs
Student Disciplinary: Office of Student Affairs
Educational Records: University Registrar
Nonacademic Counseling Records: Office of Student Affairs
Financial Aid Records: Enrollment Services Compliance
Student Placement Records: Office of Student Placement
Athletes: Athletic Office

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 $8 charge per transcript. Transcripts from previous educational institutions or standardized test scores must be requested from that institution or testing agency. Coursework from other institutions does not appear on the UNF transcript.
b. **Copies of all other educational records:** 15 cents per page for copying plus any administrative costs incurred for search, retrieval, and mailing.

Requests for copies of educational records should be submitted in writing to One Stop Student Services

in Founders Hall. Other student record information regarding health, law enforcement, finances, pre-attendance, employment, housing, disciplinary, personal nonacademic counseling, and international student records should be made directly to the appropriate offices. Picture identification is required when picking up copies of information related to student records. If someone other than the student is picking up this information, written authorization from the student and picture identification are required.

The UNF Student Directory

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

"Name, address, telephone number, dates of attendance, admitted college/majors, degree(s) awarded, status (full or part-time), classification (freshman, sophomore, etc.), participation in officially recognized activities and sports, Honors, and weight/height of athletes."

Directory information, as defined by the University of North Florida, may be released at the University's discretion, without the student's written consent unless a request for nondisclosure has been received by One Stop Student Services by the end of the first scheduled week of classes as noted in the University Calendar. Nondisclosure shall remain in effect until the student removes the non-disclosure option from their account in myWings or gives written request to remove said nondisclosure to One Stop Student Services. Forms are available at One Stop Student Services and the UNF website.

The University will honor a student's request to not release directory information, but cannot assume responsibility for contacting the student for subsequent permission to release this information. If a nondisclosure request is completed, the University will require documentation from the individual or organization requesting such information that the student has given written permission prior to the University 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.

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

Release of Student Academic Information

Students, upon written request, may review their own academic record. This review is subject to University policy and provisions of FERPA. Copies of the University's policy regarding record access are available at One Stop Student Services.

a. Education records or personally identifiable information contained in student records shall be released or open for inspection only to the student or parents of dependent students as defined in Section 152 of the Internal Revenue Code of 1954. "Personally Identifiable" means that the data or information includes the name of the student, the student's parent, or other family member, the address of the student, a personal identifier such as the student's social security number or a student number, a list of personal characteristics which would make the student's identity easily traceable, or other information which would make the student's identity traceable.

   "Education records" are those records which are maintained by the University and employees/agents of the University which contain educational information directly related to a student. "Record" includes any information or data recorded in any medium, including but not limited to handwriting, print, tapes, film, microfilm and microfiche. "Agents" are any individuals who, pursuant to express or implied authorization, represent and act for the University.

   The custodian of the records shall require the student, or parents of the student when applicable, requesting access to or release of the records to present proper identification such as a valid driver's license or passport. The request must be in writing and signed by the person seeking access or release. A copy of the request for access or release shall be retained in the student's file. The custodian shall have 45 days in which to comply with the request. When the record includes information on more than one student, the custodian shall release or permit access to only that part of the record which relates to the student who is the subject of the request. Students requesting the release of personally identifiable information contained in their records to others must provide the custodian of such records with a signed, written request specifying the information to be released, the purpose(s) for such release, and the person or organization to whom such information shall be released. A copy of all requests for access and release shall be retained by the custodian of the records.

b. "Student" is defined as an individual who is registered for an on or off campus program leading to the award of academic credit from the University. While this definition applies specifically to credit students, the University's policy is to exercise good judgment in protecting all records of individuals participating in University sponsored programs.

c. The University may disclose identifiable information from student educational records without student consent as follows:
   1. Officials and faculty of the University or other state of Florida school officials who have a legitimate educational interest in the information.
   2. Officials of other schools in which the student seeks to enroll.
   3. Federal, state, local, and independent agencies and representatives as authorized by federal and state law who have a legitimate educational interest in the information.
   4. Officials presenting a judicial order or lawfully issued subpoena.
   5. Appropriate parties in a health or safety emergency.
   6. Parent(s) or legal guardian(s) of a dependent student as defined in Section 152 of the Internal Revenue Code of 1954, after presenting proof of student dependency.
   7. In accordance with the USA Patriot Act of 2001.

Additionally, because of the University's commitment to continue improvement of educational services, One Stop Student Services will furnish copies of transcripts to the institutions previously attended by the student for use in ongoing programs of research and improvement at these institutions. Grade information will also be made available for studies conducted to improve academic quality within public higher education in Florida. These policies are sanctioned under the provisions of the Family Educational Rights and Privacy Act of 1974, as amended.

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

Right to Explanation and Interpretation

a. Current and former students are entitled to a response from the University to reasonable requests for explanation and interpretation of their records and to an opportunity for a hearing to challenge the contents of their educational records in order to ensure that the records are not inaccurate, misleading, or otherwise in violation of the privacy or other rights of the student, and to provide an opportunity for the correction or deletion of any such inaccurate, misleading, or otherwise inappropriate data contained, and to insert into such records a written explanation by the student regarding the content of such records. The University will attempt to settle a dispute with the student regarding the content of the student's educational records through informal meetings with the student.
b. Any challenge to a student's record that cannot be resolved in the office maintaining the record shall be processed through the student grievance procedure. Student grievance procedures may be obtained from the Office of the Vice President for Student Affairs or One Stop Student Services, both located in Founders Hall.
c. If, as a result of a hearing, the University decides that the information is not accurate, is misleading, or is otherwise in violation of the privacy of 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 of Appeal

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

Appeals concerning UNF policies

Any member who believes that actions of other members are not equitable has the right of appeal. A student who believes that a University policy imposes an undue hardship may petition One Stop Student Services to waive that policy. One Stop Student Services will inform the student in writing of the results of the appeal.

Appeals concerning courses

Students who wish to appeal a course grade (except for the grade of "Incomplete") must do so within 90 days of completing the course in question. Students can pick up the guidelines for grade appeals at One Stop Student Services.

Appeals concerning civil rights

Members of the community who believe they have not been accorded rights under the Civil Rights Act of 1964 or Title IX of the Higher Education Amendments of 1972 should contact the Director of Equal Opportunity Programs, J.J. Daniel Hall, Building 1, Room 2100 (904) 620-2507.

The Rights of Students to Intellectual Property

Students who utilize University support in producing intellectual property, other than a Directed Work, have the right to share in any proceeds derived from the intellectual property in accordance with the distribution procedure set forth in The University's policy on patents, copyrights, trademarks and other intellectual property (www.unf.edu/unfinfo/policies-regs/chapters/academic_affairs/2_0020P.html). However, it is not the intent of the University to assert rights to works for

which the intended purpose is to disseminate the results of academic research or scholarly study. Students who develop intellectual property utilizing entirely their own independent efforts, as defined by University policy, are not required to share with the University the intellectual property rights derived from their independent efforts.

Academic Integrity and Professionalism

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

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

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

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

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

Class Attendance and Participation – In-Person, Online, and Otherwise

The University of North Florida authorizes its colleges, departments, and faculty to establish the attendance and participation policies they deem appropriate. In this regard the graduate faculty recognizes that the student's responsibility is not solely for mastering a particular body of knowledge but for doing so in relation to the multiple social contexts, which graduate classes represent in miniature, that make graduate studies at UNF possible.

Florida Taxpayer Subvention of Graduate Education

The United States has long recognized the value of public access to higher education. In accordance with this recognition, Florida taxpayers subsidize a substantial percentage – approximately 75 percent – of graduate tuition. Such support helps underwrite the University of North Florida graduate programs. Through its commitment to academic integrity, the graduate faculty acknowledges the public support it receives. In partial reciprocation of the public's trust, the graduate faculty is committed to promoting among its graduate students an awareness of how academic integrity is not an abstract obligation but an essential aspect of their civic responsibility, in particular to Florida's taxpaying citizenry.

Best Wishes The University of North Florida – faculty, staff, and administrators – wishes you every success in your pursuit of graduate education.

Graduation Requirements Checklists

Graduation Policies

a. 18 hours of credit at the 6000-level must be earned as part of the master's degree.

b. All 6000-level coursework must be completed with a GPA of 3.0 or higher.

c. At the time of graduation an overall GPA of at least 3.0 must be maintained.

d. At least 30 semester hours of graduate credit are required for a first master's degree. Of those 30 hours, at least 24 must be earned in residency at UNF.

e. For a second master's degree, at least 24 hours of UNF graduate credit in residency is required.

f. All coursework for a master's degree must be completed within six years of being fully admitted to the graduate program; for a doctoral program, eight years. Exceptions must be approved and validated by the student's graduate program director and The Graduate School office.

g. Students intending to graduate for a given semester must officially signal their intent to the University by applying to graduate with the One Stop Student Services office. This must be done at the beginning of the semester in which they intend to graduate.

General University Graduation

Requirements for the Master's Degree

You must satisfy both the general university requirements and your program's specific requirements. If you can answer yes to the following questions, you should be eligible to graduate.

1. Have you submitted your application to graduate to One Stop Student Services in person or online by the published deadline?
   Yes_____ Not Yet_____

2. In the course of your program, have you, or will you have, enrolled in and completed with sufficiently high grades at least 30 credit hours of course work?
   Yes _____ Not Yet_____

   a. Have you, or will you have, maintained an overall graduate GPA of 3.0 ("B") or higher?
      Yes_____ Not Yet_____

   b. Have you, or will you have, enrolled in and passed, or will you have, with sufficiently high grades at least 18 hours at the 6000-level?
      Yes_____ Not Yet_____

   c. Have you, or will you have, completed all 6000-level course work with a GPA 3.0 or higher?
      Yes_____ Not Yet_____

3. Have you, or will you have, completed at least 24 hours of graduate credit in residency at UNF?
   Yes_____ Not Yet_____

4. Have you completed all course work within the specified time limits?
   Yes_____ Not Yet_____

   a. Have you completed all work within six years of being fully admitted to the graduate program, or eight years for a doctoral program?
      Yes_____ Not Yet_____

   b. If you have completed courses at UNF more than five years prior to the end of your program, have you petitioned the program director to validate and apply these courses to your program and to so inform The Graduate School?
      Yes_____ Not Yet_____

   c. If you have completed course work at other universities, have you made sure that The Graduate School has received an official copy of your transcripts by the posted deadline (on or before the last day of UNF's final examinations for the term in question)?
      Yes_____ Not Yet_____

   d. If you intend to complete course work at another institution to satisfy UNF degree requirements, have you obtained written approval to do so prior to the term in which you intend to graduate?
      Yes_____ Not Yet_____

   e. If you have or will have completed course work at another institution to satisfy UNF degree requirements, have you made sure The Graduate School has received an official copy of your transcripts by the posted deadline?
      Yes_____ Not Yet_____

5. Have you, or will you have, successfully completed all culminating requirements, exclusive of scheduled classes – including the thesis, a non-thesis project, or a master's examination – by the posted deadline?
   Yes_____ Not Yet_____

6. If you have written a thesis, have you satisfied all department and college requirements?
   Yes_____ Not Yet_____

7. Have you delivered to the dean of The Graduate School:
   a. At least two copies of the thesis by the posted deadline?
      Yes_____ Not Yet_____

   b. Signed Certificate of Approval pages?
      Yes_____ Not Yet_____

   c. An electronic pdf version of the thesis?
      Yes_____ Not Yet_____

   d. A copy of the completed thesis binding invoice form?
      Yes_____ Not Yet_____

   e. A copy of the receipt of payment for binding fees from the Library?
      Yes_____ Not Yet_____

8. Has the dean of the Graduate School accepted the thesis and signed the Certificate of Approval page?
   Yes_____ Not Yet_____

9. Have you satisfied all your financial obligations to the University?
   Yes_____ Not Yet_____

10. Has your program director signed the pre-certification forms – which indicate whether or not you have or by the end of the current semester will have completed all program requirements and are entitled to graduate – and notified the Graduate School?
    Yes_____ Not Yet_____

General University Graduation Requirements for a Second Master's Degree

1. Have you, or will you have, completed at least 24 hours of new graduate course work, specific to the second masters?
   Yes_____ Not Yet_____

2. Have you satisfied all other general University requirements as well as program specific requirements?
   Yes_____ Not Yet_____

3. Have you submitted to One Stop Student Services by the published deadline your application to graduate?
   Yes_____ Not Yet_____

General University Graduation Requirements for the Ed.D. in Educational Leadership

1. Have you satisfied all college requirements?
   Yes_____ Not Yet_____

2. Have you delivered to the dean of The Graduate School by the posted deadline the following materials:
   a. At least two copies of the dissertation?
      Yes_____ Not Yet_____

   b. Signed Certificate of Approval pages?
      Yes_____ Not Yet_____

   c. An electronic pdf version of the dissertation?
      Yes_____ Not Yet_____

   d. A copy of the completed thesis binding invoice form?
      Yes_____ Not Yet_____

   e. A copy of the receipt of payment for binding fees from the Library?
      Yes_____ Not Yet_____

3. Has the dean of The Graduate School accepted the dissertation and signed the Certificate of Approval pages?
   Yes_____ Not Yet_____

Graduation and Commencement Ceremony

UNF's Public Acknowledgment of your Achievement

The University and The Graduate School would like to acknowledge publicly your educational achievement, and to that end we hope you will attend the University's commencement ceremony. Commencement is held at the end of the fall, spring, and summer C terms. One Stop Student Services will send candidates for graduation detailed instructions for participating in the ceremony, including instructions on how to obtain tickets from the Ticket Box Office. Information on commencement is also available on One Stop Student Services' page at www.unf.edu. The number of available tickets depends upon the number of students graduating. At present, a student can expect up to eight tickets. Once again, however, this number is subject to change, especially as the size of the UNF student body continues to increase. For information including the date and time of graduation ceremonies, contact One Stop Student Services at (904) 620-5555. For information concerning regalia – caps and gowns – contact the UNF Bookstore at (904) 620-2665. You may also check the commencement page online at www.unf.edu.

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.

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.

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 www.unf.edu/es/ace.

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 are available to the UNF community at discounted prices. More than 8,000 computer software programs are available at educational prices with discounts of up to 85 percent offered to students, faculty and staff. The bookstore also provides check cashing, continuous book buy-back, special ordering of books and supplies, graduation paraphernalia and employment opportunities.

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

Chartwells Dining Services

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

Osprey Café

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

OLO Sushi & Freshens Smoothies @ Alumni Square

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

Outtakes Quick Cuisine @ Alumni Square

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

Starbucks® @ the Atrium

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

UNF Hall Bistro @ UNF Hall

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

Harvest Moon Café @ The University Center

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

Coming soon in spring 2009 @ the Student Union

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

Boathouse Grille: a brand new restaurant

Outtakes Quick Cuisine: featuring Starbucks We Proudly Brew Coffee.

For more information on Standing Reservations (meal plans) and Osprey Dining Dollars, visit us online at www.dineoncampus.com/unf or Chartwells Business Office (Behind Osprey Café) from 9 a.m. to 4 p.m. or call us at (904) 620.2543.

Information Technology Services

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

The ITS Help Desk is located on the second floor of the Mathews Building. It provides a variety of services for students, faculty, and staff including assistance with their

computing account, audio-visual equipment requests for classrooms, and help with hardware and software problems. These services are accessible in a variety of ways; walk-in (Building 15 Rooom 2106), e-mail (helpdesk@unf.edu), and phone (904) 620-HELP.

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

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

The official method of notification at UNF is e-mail. The University may elect to use e-mail to provide information and notices either in lieu of or in addition to existing methods of communication. The student UNF e-mail address will be the only officially recognized e-mail address for currently enrolled students. It is important for students to check their UNF e-mail accounts regularly for information from University departments. Instructions for accessing and using a UNF e-mail account are available at Information Technology Services' website: www.unf.edu/dept/its/email/student-email.html.

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

Irish Studies

The University offers a variety of Irish Studies courses in art history, history, literature, nursing, political science and sociology. In addition, the Irish Studies 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 free events are open to the public and designed to serve both the University and the community at large.

Thomas G. Carpenter Library

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

Through the Florida Center for Library Automation, the Library maintains an online catalog based on Aleph software from ExLibris, which searches holdings of the UNF Library, and more than 10 million MARC holdings records of the other 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 and renovation, completed in fall 2005, added group study rooms, graduate carrels, reading rooms, and wireless technology throughout the building. Additional services include listening and viewing facilities for non-print media, micro format reader/printers, photocopiers, and more than 300 computer workstations for student use.

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

Office of Research and Sponsored Programs

From the University's inception, UNF faculty and staff have been active in the search for new knowledge and engaged in collaborative initiatives that respond to regional and national needs and priorities in creative and positive ways. Faculty are encouraged to pursue basic and applied research activities and to involve students in research and training projects supported by public and private granting agencies. The University has clear policies and procedures that govern intellectual property developed as a result of faculty research activities that involve students (www.unf.edu/unfinfo/policies-regs/chapters/academic_affairs/2_0020P.html). Through these activities, the University of North Florida faculty enhance the university's instructional program while concomitantly applying their skills and expertise to address contemporary issues and problems.
The Office of Research and Sponsored Programs is the central coordinating unit for grants and contracts at

the University of North Florida. This includes planning, organizing, and administering a University-wide program for research and other projects that are funded by external organizations and agencies. All proposals for which outside support is sought must be transmitted through the Office of Research and Sponsored Programs. The office has five areas of responsibility:

1. to serve as the university liaison with external funding agencies;
2. to provide an array of information and support services to the university community including the identification of funding opportunities and acquisition of application materials;
3. to facilitate and coordinate the preparation and submission of proposals on behalf of the university by providing advice and assistance to faculty and staff in developing proposals;
4. to negotiate terms and conditions of acceptance with funding agencies; and
5. to provide financial and programmatic administration for awarded contracts and grants.

In addition, the office assists the assistant vice president for research in the development of intellectual property and the management of technology transfer. For additional information, call (904) 620-2455.

Veterans Affairs and Military Programs

Veterans Affairs and Military Programs 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

Service Members Opportunity Colleges

The University recognizes the need for greater flexibility in the evaluation of educational experiences of veterans, military personnel and their families, and is a member of the Service Members Opportunity Colleges (SOC). For additional information, contact the One Stop Student Services located in Building 2, Founders Hall, first floor, or call (904) 620-5555.

Student Affairs & Student Services

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

Campus Life

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

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

UNF students often point to the beautiful, natural look of the 1,350-acre campus as one of the many reasons they selected UNF and as a source of everyday enjoyment while they pursue their studies. The campus core features abundant greenery and a series of small lakes nestled between student housing and academic and administrative buildings. The campus is conveniently designed and is encircled by 850 acres of undeveloped grounds. Its natural spaciousness provides students with a sense of openness and tranquility as well as ample room for a wide variety of formal and informal recreational opportunities. Nearly 15 percent of the 16,000 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 such as UNF's Flagship Programs.

Student Rights and Regulations

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

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

Resident students are governed by additional policies, most of which are outlined in "The Resident Handbook." Copies of these documents are available from the Housing Office, on the UNF 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 Subdivision 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 a drum line. Faculty and student artists and groups present concerts almost weekly. For more information, contact the Music Department at (904) 620-2961.

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

In addition, 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, Bldg. 2, presents a variety of exhibits throughout the year, including the Annual Juried Student Show, the Graduating Senior Show, the Visual Arts Faculty Show, as well as exhibitions, lectures and musical performances by artists of regional

and national renown. For more information call (904) 620-2534. Look for information or advertisements of events via the following: the Spinnaker (newspaper), Osprey Radio, Osprey TV, UNF Update (subscribe from UNF's web page), Student Update, UNF's Web Calendar, the Housing Information Channel, bulletin board flyers, road signs and SG kiosk. Students with disabilities who require special assistance to participate in an advertised program should contact the sponsoring group or the Disability Resource Center, (904) 620-2769 (Voice/TDD) to request accommodations.

Career Services

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

Career Counseling

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

Assessments

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

Career Library

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

Career Computer Lab

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

Job Vacancy Listings

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

Internships

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

Workshops/Orientation

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

Job and Career Fairs

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

Career Panels and Presentations

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

Informational Booklets and Guides

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

On-campus Recruiting Program

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

Resume Referral Program

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

Practice Interviews

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Disability Resource Center
The Disability Resource Center (DRC) promotes and facilitates partnerships among UNF students with disabilities

and the UNF community. The services provided by the DRC are for students with diagnosed disabilities that include, but are not limited to:

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

The staff at the DRC is available to:

- Assist students through the admissions and enrollment processes,
- Provide support during a student's academic career at UNF
- Share resources available in the UNF and the Northeast Florida community

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

- Accommodations for classes (examples: tape recorder, note takers, interpreters, priority registration, extended time on exams)
- Seminars (examples: study skills, employment skills, legal rights)
- Career counseling in partnership with UNF Career Services
- Peer support groups
- Opportunities for self-advocacy and self-determined choices
- Partnership with other UNF support services (examples: Academic Center for Excellence [ACE], Career Services, The Counseling Center)
- Scholarship opportunities for individuals with disabilities
- Internship opportunities (paid and unpaid) for individuals with disabilities
- Internship opportunities for graduate students pursuing disability-related careers
- Support services for faculty
- Disability Library with resources for graduate research
- Assistive Technology and training
- Student Advisory Board

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

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

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

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

The Disability Resource Center is located in Honors Hall, Bldg. 10/Room 1201. Monday-Thursday 8 a.m. to 8 p.m.; Fridays 8 a.m. to 5 p.m. Voice/TDD: (904) 620-2769; fax: (904) 620-3874; 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, Monday – Friday, 8:30 a.m. - 5 p.m., (904) 620-4281. The ELP Office is located on the first floor of UNF Hall.

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 West African countries. The Institute is one of eleven administered by Florida's public universities, in affiliation with various Florida state universities and community colleges. FLAWI's affiliate institutions include: University of Florida, Gainesville; Florida A&M University and Florida State University in Tallahassee; and Florida Community College at Jacksonville.

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

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

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

Greek Life (Fraternities and Sororities)

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

Currently recognized Chapters are:

Fraternities:

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

Sororities:

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

Greek life represents the single largest student entity on campus — including more students than in all student clubs and organizations, Student Government

and athletics combined. Fraternities and sororities provide life-changing opportunities for students to gain leadership experience and to develop both the social and organizational skills needed for post-graduate success. Greek Life provides both a network of lifetime friendships on campus and an extensive post-graduate career resource. Recruitment happens in the fall and spring for men, and only in the fall for women. All UNF students are highly encouraged to come out and explore the fun and life-impacting opportunities of Going Greek!

In general, membership in campus Greek organizations is limited to undergraduates; however, there are ways for graduate students to become involved with fraternities and sororities, and some chapters accept graduate students as full-members on an individual basis.

For more information, contact the Greek Life Office in the Robinson Student Life Center, Bldg. 14/ Room 1541/1536, or call (904) 620-2526/1574, or check out www.unfgreeks.com.

Handbook for Students & Parents

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

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 and on the University's Web.

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

Health Promotion

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

L.I.F.E. Peer Education Team (Lifestyle Improvement for Everyone)

Health Promotion sponsors a team of undergraduate and graduate student peer educators to assist students in using the resources available at UNF and in developing personal health goals. They are well trained in all areas of health promotion and facilitate numerous on-going campus events, workshops, and programs. They are available through contacting the Department 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 (904) 620-1081 or visit the center in the Dottie Dorion Fitness Center, Bldg. 25/Room 1106.

Alcohol and Drug Information

Health Promotion is committed to promoting the health and well being of the University community through a variety of prevention and awareness programs. This is accomplished through programs, information and activities designed to prevent: alcohol and other drug abuse and sexually transmissible infections (STIs). Alcohol and Drug Intervention services also are provided.

Interfaith Center

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

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

Some students come to college seeking the questions as much as the answers. They enjoy having their world rocked and their assumptions challenged. Others come seeking a faith they can count on, stability, safety, and assurance. Whether students are on a quest to be a genuine, authentic person, seeking discernment of a

vocation, or searching spiritually for Truth, UNF Interfaith Center strongly emphasizes leadership, character, and integrity as qualities basic for students' discovery and practice. UNF is a multicultural setting and spirituality comes in diverse colors, shapes, and opportunities. We are committed to representing and serving all students.

The Interfaith Center, supervised by the Assistant Vice President for Student Affairs and the daily guidance of the Dean of Students, is located on the second floor of the Robinson Student Life Center, Bldg. 14/Room 2636. Information is also found on the bulletin board next to the external elevator on the first floor of Schultz Hall, Bldg. 9 in the courtyard area.

Let us help you ask the questions, find answers, locate a variety of faith tradition resources, address personal needs, discover a faith community on or off campus, and experience the connections that will transform you spiritually! Have short term financial concerns? Apply to our Emergency Loan Fund (ELF):

Interfaith Center
(904) 620-2837
(904) 620-1057 fax
(904) 710-6577 emergencies
www.unf.edu/dept/interfaithcenter
interfaith@unf.edu

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

Intercultural Center for PEACE

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

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

The International Center

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

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

International students at UNF represent more than 60 countries from around the world. The UNF community welcomes international students and is sensitive to the needs that arise when studying in a foreign country. Specialized programs which attempt to meet these needs include orientations, international student receptions, and immigration workshops. For further information on admissions for international students, call (904) 620-2657.

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

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

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

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

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

6. **The Leadership Certificate:** The Leadership Certificate, endorsed by the University, draws upon the opportunities in the Institute and provides students with an intentional track to study leadership. Students contract with the Institute 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.

Dr. Lucy Croft
Assistant Vice President for Student Affairs
University of North Florida
(904) 620-2600

Lesbian, Gay, Bisexual, Transgender Resource Center

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

Ombudsman for Students

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

Parents Association

The UNF Parents Association is housed in Student Life. 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, or visit www.unf.edu/student-affairs/parents-association.

Police and Public Safety, Department of

The Department of Police and Public Safety is located in UNF's Martin P. Garris Police Building, Bldg. 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 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:

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

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

Dottie Dorion Fitness Center: Fully equipped. Free to currently enrolled students.

- More than 10,000 sq. ft. of fat-burning and muscle building.
- More than 6 tons of free-weights with 120 exercise stations.
- Woodway treadmills
- Precor elliptical
- Bikes
- Rowers
- Steppers

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

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

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

Aquatic Center: The UNF Aquatic Center features an indoor Olympic size pool (50 meters by 25 yards) with both one-meter and three-meter diving boards. A large outdoor sundeck is adjacent to the pool. The facility gained national prominence in recent years with an "Excellence in Aquatics Award" from the National Recreation and Parks Association. Activities offered include: swimming instruction, Osprey Aquatic Club, aqua-aerobic classes, water polo, water volleyball and lifeguard training courses.

Lanes are always available for lap swimming and there is a lift for disabled individuals. A certified lifeguard is on duty at all times. Hours are posted each semester. For more information, call (904) 620-2854.

Wildlife Sanctuary — John Golden Environmental Education Pavilion, Eco-Adventure Program & Robert W. Loftin Nature Trails: The UNF Eco-Adventure Program provides UNF students, faculty and staff with equipment to meet most outdoor recreational needs. Tents, sleeping bags, hiking backpacks, canoes, kayaks and more are available through the Eco-Adventure Program, Bldg. 54 in lot 100 adjacent to the Parking Services Building. Late fees and full equipment costs will be charged for unreturned or damaged equipment. Eco-Adventure was initiated by Student Government and Wildlife Sanctuary staff began offering guided outdoor programs for UNF students. Canoeing, kayaking, hiking both on and off-campus, are offered each semester. Check the Eco-Adventure website for schedule information. Eco-Adventure Program: (904) 620-5951, rectrail@unf.edu, www.unf.edu/recsports/nature/.

The Robert W. Loftin Nature Trail System includes three self-guided nature trails which are part of the National Recreational Trail System, U.S. Department of the Interior. The wheelchair accessible Red Maple Boardwalk enables visitors to view Lake Oneida and a Cypress Swamp. The other two trails, The Goldenrod and the Blueberry traverse various dry and moist forested habitats. All three trails are color-coded and include informational signage. Visitors are asked to respect all plants and animals, leave grounds clean and undisturbed.

The UNF Wildlife Sanctuary staff remind the University community that no bikes or dogs are allowed on the Nature Trails or in the woods around campus. Faculty, staff and students are asked to alert the University Police Department of any visitors not following the rules.

The John M. Golden Environmental Education Pavilion, Bldg. 54 is located in Parking Lot 100. This education complex is used to educate UNF students and local school groups. This meeting space is available for student clubs and the University community. Contact the main Recreation office in the Arena at (904) 620-2998 for reservation details.

The Robert W. Loftin Nature Trails are open sunrise to sunset, visitors are asked to walk/run in pairs. Fishing is permitted in any lake on campus with a valid Florida Freshwater Fishing License (available online at www.myfwc.com). Swimming in these lakes is not permitted. Picnics are allowed in most areas of campus on a first come, first serve basis however picnic areas cannot be reserved. Fires on the ground and alcoholic beverages are not permitted although grills are acceptable for cooking. We encourage you to enjoy our natural areas, call with any questions, be safe and have fun! Wildlife Sanctuary Office: Bldg. 54 in Lot 100 behind Parking Services Building, (904) 620-1810, (904) 620-5951, rectrail@unf.edu, www.unf.edu/recsports/nature.

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 (904) 620-2050 for additional information.

Hodges Stadium: Completion of UNF's 9,000-seat stadium continues as funding becomes available. The Stadium first-floor concourse—consisting of locker rooms, restrooms, physical therapy labs, classrooms, and concession areas—opened in 2004. The facility will host special events such as festivals, sporting competitions and concerts sponsored by campus event planners as well as community users who reserve the facility for a fee. In 2004-05 the Stadium served as the practice site for a visiting Gator Bowl Team as well as for one of the NFL teams visiting Jacksonville for Super Bowl XXXIX. In the spring of 2008 construction began on a nine-lane international track. Renovation to the field area will also enable UNF to host a variety of track and field events. Outdoor sports lighting for the field 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, Weight lifting, 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 care stipends.

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

Student Conduct

The Student Conduct Code is designed to promote responsible behavior for all students consistent with the welfare of the UNF community. The University of North Florida's jurisdiction regarding discipline is generally limited to conduct of any student or registered student organization that occurs on UNF premises, including University Housing. However, the University reserves the right to impose discipline based on any student conduct, regardless of location, that may adversely affect the University community. Any individual may provide a report to the Student Conduct Office. All information will then be reviewed by an appropriate staff member in the Student Conduct Office to determine whether Student Conduct Code charges will be filed or if alternative action is appropriate. The Student Conduct Code is printed in the Student Handbook and can be found online at www.unf.edu/unfinfo/policies-regs/chapters/student_affairs/5_0010R.html. For more information, contact the Student Conduct Office, Honors Hall, Bldg. 10/Suite 2640 or by phone at (904) 620-3979.

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 the Robinson Student Life Center, Bldg. 14/Room 2605.

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 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 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 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.

Club Alliance (CA) acts as the liaison between SG and registered student clubs while assisting in coordination, support, information, and resources to approximately 150 student organizations on campus. Clubs exist because of student interest and generally are formed for social, honorary, cultural, recreational or pre-professional purposes. This student-run organization may be contacted via e-mail at: www.unf.edu/groups/cluballiance; by phone at (904) 620-1470 or visited in Robinson Student Life Center, Bldg. 14/Room 1543.

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

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

Volunteer Center (VC) 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 1526. For more information contact (904) 620-2755; fax (904) 620-1005, e-mail: volctr1@unf.edu or go on-line at www.unf.edu/groups/volctr1.

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 biweekly.

Judicial Branch – led by the chief justice

The Judicial Branch is vested in a Judicial Council composed of a maximum of seven Justices and two Alternate Justices who are appointed by the Student 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 be 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 Services

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

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

Student Health provides a solid foundation for on-campus health care and disease prevention by serving as a public health clinic to help minimize interruptions in students' academic pursuits. We provide outstanding health care at a minimal cost to students and are available to all UNF students. This comprehensive health care is provided to the students through a health fee paid at the beginning of each semester that affords students access to a wide variety of health care related services:

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

Students may visit the student health services as many times per semester as needed, with no office visit charge. However, students are charged for items such as laboratory, pharmacy services, and procedures. These charges are significantly lower than charges for comparable services provided in the private sector. In the event that the required health care a student needs is not available at SHS, the student is referred to a qualified outside agency for treatment. Examples of referrals: specialty referrals such as orthopedics, dermatology and pain management; X-Rays (available in 2008); Physical Therapy; Dental; Vision. Routine follow-ups are conducted by SHS to ensure that the student received appropriate care.

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

The Student Health, Medical Compliance team focuses on promoting health and preventing health risks. Staff is available to assist students with their immunization, insurance and statement of good health requirements. Hours of operation are 8 a.m.-5 p.m. Monday through

Friday. The staff may be reached at (904) 620-2175; or fax (904) 620-2901. The office is located in The Robinson Center, Bldg. 14/Room 1522. *(Note: In summer of 2008, SHS will be moving to a new location in Brooks College of Health's new wing of the Brooks Brown Hall, Bldg. 39. These new facilities will increase the campus clinic from 2,500 square feet to more than 8,900.) www.unf.edu/student-affairs/medical-compliance/index.html*

Immunization Services

The department maintains current immunization and health history records on students. Proof of immunity to measles (two doses) and rubella (one dose) is a prerequisite to registration for all students born after 1956, and a health history is required for all students. Effective July 1, 2008, all new matriculating students must provide documentation of vaccinations against meningococcal meningitis and hepatitis B or provide a signed waiver for each declined vaccination. All new matriculating students 18 or older who choose not to be vaccinated against either meningococcal meningitis or hepatitis B must sign a statement that they have been made aware of the potential fatal nature of the diseases and chose not to be vaccinated. All new matriculating minor-age students must provide signed parental consent to opt out of vaccination from either of these diseases. If you have questions, please contact Student Health Services at (904) 620-2175 and fax (904) 620-2901 or visit our web page:www.unf.edu/dept/medcom/UNFImmuniz.htm

Health Insurance

Students are strongly encouraged to have health insurance coverage. If you are not covered, UNF sponsors injury/illness insurance for domestic and International students and their dependents. International students must present proof of acceptable medical insurance to 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. 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)

Meningococcal Meningitis: is an infection of the fluid of the spinal cord and brain caused by a virus or bacteria and usually spread through exchange of respiratory and throat secretions (i.e., coughing, kissing). Bacterial meningitis can be quite severe and may result in brain damage, hearing loss, learning disability or even death. A vaccine is currently available for one of the most severe forms of bacterial meningitis, meningococcus. This vaccine effectively provides immunity for most forms of meningococcus; there is no vaccine for the less severe vital type meningitis.

Hepatitis B: is a viral infection of the liver caused primarily by contact with blood and other body fluids from infected persons. Hepatitis B vaccine can provide immunity against hepatitis B infection for persons at significant risk, including people who have received blood products containing the virus through transfusions, drug use, tattoos, or body piercing; people who have sex with multiple partners or with someone who is infected with the virus; and health care workers and people exposed to biomedical waste.

Student Life Subdivision

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

Robinson Student Life Center

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

The Robinson Student Center also is the home of many campus services offered through the Subdivision of Student Life, which is comprised of the Robinson Center Reservations and Management, the Center for Student Media, Leadership Institute, the Women's Center, the Interfaith Center, and Office of Greek Life. Also housed there is the Student Medical Center 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 or get more information, contact (904) 620-1496.

Student Media, Center for

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

Spinnaker

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

Osprey Radio

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

Osprey Television

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

Study Abroad

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

Vice President for Student and International Affairs Office

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

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

The Vice President's office serves as the University's administrative liaison with Student Government in collaborating on campus enhancements and concerns

related to the student body. The office is open 8 a.m. to 5 p.m. Monday through Friday and may be reached at (904) 620-2600; or fax (904) 620-2644. For more information, visit the division's website at www.unf.edu/student-affairs/.

Victim Advocacy Program

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

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

Women's Center

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

General Activities and Services

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

Bette Soldwedel Gender Research Center

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

Rape Awareness Education

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

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

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

Brooks College of Health

Dean's Office
Pamela S. Chally, **Ph.D., R.N.**, Dean
Lucy B. Trice, Ph.D., A.R.N.P., B.C., Associate Dean
(904) 620-2810

Doctorate Degree Programs

The Brooks College of Health offers two doctoral degree programs, a Doctorate in Nursing Practice (D.N.P.) and a Doctorate in Physical Therapy (D.P.T.). Both terminal degrees are clinical doctorates with an emphasis on evidence-based practice.

Master's Degree Programs

The Department of Public Health offers programs culminating in a Master of Public Health (M.P.H.) degree in Community Health, Master of Science in Health (M.S.H.), Master of Health Administration (M.H.A.) degree, and a Master of Science (M.S.) in Rehabilitation Counseling. Students who earn the M.S.H. degree can specialize in various health related professional tracks. These specializations include geriatric management and nutrition. In addition, a post-baccalaureate certificate in aging studies is offered and may be pursued independently or in conjunction with one of the programs identified above. The School of Nursing offers a Master of Science in Nursing (M.S.N.) degree with a Primary Care Nurse Practitioner track, a Clinical Nurse Specialist track, Clinical Nurse Leader track and a Nurse Anesthesia track. The School of Nursing also offers an R.N.-M.S.N. accelerated track option for R.N.s seeking higher degrees. In addition, a post-master's Family Nurse Practitioner Certificate is offered for those already holding a master's degree in nursing.

Center for Global Health & Medical Diplomacy

The Center for Global Health and Medical Diplomacy (the center) is located within the Brooks College of Health. The center is the first global health organization to include a focus on medical diplomacy, which denotes quiet advocacy through caring, ethics and science, the fundamental and enduring traditions of health and medical care throughout the world. The center has obtained wide community participation and support in its efforts to promote under-

standing of global health issues by organizing, presenting, and participating in health forums, speaker presentations, and conferences; as well as being highly engaged with state, national and international organizations.

The mission of the center is to promote global understanding and collaborative action for improving health and medical care. Center objectives are to:

- promote excellence and balance in the caring, ethics and science of health and medicine
- promote the human, economic and diplomatic value of health and medical care
- promote optimal health and medical education
- support leadership development in the health and medical professions
- integrate broad local, state, national and global participation in advisory committees, forums, publications, research, education and demonstration activities

Department of Public Health Faculty

JoAnn Nolin, J.D., R.N., Associate Professor, Chair, & Program Director, Health Administration
Judy E. Perkin, Dr. P.H., R.D., CHES, Professor
Kerry L. Clark, **Ph.D.**, Associate Professor & Program Director, Master of Public Health
Elissa Howard-Barr, Ph.D., CHES, Associate Professor & Program Director, Community Health
Cynthia G. Scott, Ph.D., Associate Professor & Program Director, Master of Science: Rehabilitation Counseling
Cynthia Nyquist-Battie, Ph.D., Professor
Sharon T. Wilburn, Ph.D., Professor
Jeffrey Harrison, Ph.D., Associate Professor
Michele J. Moore, Ph.D., CHES, Associate Professor
Lie-Shih Chen, Ph.D., Assistant Professor
Gerald Colvin, Ph.D., Assistant Professor
Donald (Rob) Haley, Ph.D., Assistant Professor
Reid Oetjen, Ph.D., Assistant Professor
Sally Weerts, **Ph.D.**, Assistant Professor
Mei Zhao, Ph.D., Assistant Professor
Donald Hutton, M.B.A., Executive-in-Residence

Master of Public Health Program

The objective of the Master of Public Health program is to impart skills and knowledge so that graduates are able to integrate basic and applied public health theories and methodology in order to be competent successful public health practitioners. The M.P.H. program requires the completion of core courses and other courses as specified by the health education/health promotion degree track. The M.P.H. degree requires the successful completion of 48 credits, including a capstone experience and a comprehensive examination.

Admission: In addition to satisfying general university criteria for admission into graduate studies, students wishing to enter the M.P.H. program must present GRE scores (1000 minimum total on verbal and quantitative sections) and a grade point average of 3.0 or higher in all work completed as an upper-division student (normally 60 credits taken during the last two years of undergraduate study). In addition, applicants must score a minimum of 400 on each section of the GRE (verbal and quantitative). GRE scores are mandatory and must be received prior to being fully admitted into the graduate program. In addition, students must have an undergraduate degree supporting graduate study in public health. Students not satisfying the latter condition may be admitted only after arranging with the M.P.H. program director for a program of study, which will remove deficiencies.

Note: Application, test scores, transcripts, and supporting documents should all be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Mental Health Counseling

Note: The Mental Health Counseling Program recently moved from the College of Education and Human Services to the Brooks College of Health. Information about the Mental Health Counseling Program is printed in the College of Education and Human Services section of this catalog.

Master of Science in Health Program

The primary goal of the Master of Science in Health program is to provide students with the advanced, specialized skills needed by health professionals. While the specialization requirements may vary, the M.S.H. requires completion of department core requirements, plus the professional and support requirements or electives. Electives are chosen with the approval of the student's advisor.

Many of the M.S.H. specializations may satisfy national or state licensure/certification eligibility requirements. Advisors work with students to determine their eligibility to apply for the various licenses and certifications.

Admission: In addition to satisfying general university criteria for admission into a graduate program, students wishing to enter the degree program leading to the Master of Science in Health degree must present GRE scores (1000 minimum total on verbal and quantitative sections), or a GPA of 3.0 or higher in all work completed as an upper-division student (normally 60 credits taken during the last two years of undergraduate study). GRE scores are mandatory and must be received prior to being fully admitted into the graduate program. In addition, students must have an undergraduate degree supporting graduate study in health science. Students not satisfying the latter condition may be admitted only after arranging with the graduate advisor for a program of study, which will remove the deficiencies.

Note: All application, test scores, transcripts, and supporting documents should all be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Master of Health Administration Program (M.H.A.) is designed to meet the educational needs of men and women interested in assuming management positions in the health care industry. It is a 54-credit degree program.

Admission: The M.H.A. has special admission requirements. Students should contact the program director or go the program's Web page at www.unf.edu/brooks/public-health/bchmha.html

Accreditation: The M.H.A. program is accredited through the Commission on Accreditation of Health Management Education (CAHME).

Academic Advisement

The Department of Public Health provides individualized academic advising to all its students. Students must contact the Department of Public Health to schedule a meeting with an advisor. During the initial advising conference, the advisor will

1. explain the admission procedures to the student, and
2. help select the specialization which will lead to achieving career goals. Once fully admitted, the student must contact his/her faculty advisor for a program of study.

Programs of Study

The Department of Public Health offers programs of study in the areas listed below:

Major: Community Health
Concentration: Health Promotion/Health Ed
Degree: Master of Public Health

Core Requirements (27 credits)

HSA 6114	3	Health organization/Delivery
HSC 6215	3	Environmental Health/Safety
HSC 6505	3	Epidemiology/Disease Control
HSC 6512	3	Applied Health Statistics
HSC 6603	3	Theory of Health Behavior
HSC 6735	3	Health Science Research
PHC 5370	3	Bio Foundations Public Health
PHC 6103	3	Public Health Practice
PHC 6412	3	Culture & Health

Major Requirements (15 credits)

HSC 6585	3	Health Promo/Edu Strategies
HSC 6587	3	Program Plan Promo/Edu
HSC 6706	3	Grantsmanship
HSC 6716	3	Health Program Evaluation
PHC 6450	3	Community Org in Public Health

Capstone Experience (6 credits)

Attention: a comprehensive examination is required. The exam is taken during the final semester of enrollment.

PHC 6940	3-6	Public Health Capstone

Master of Health Administration

The program of study is designed for those individuals who want to work in the field of management and administration within a health care delivery setting. This is a 54-credit-hour (minimum) program.

Major: Health Administration
Degree: Master of Health Administration

Students entering this program without an undergraduate degree in health administration or business administration must complete prerequisite course work in Financial Accounting (ACG 2021), Administrative Management (MAN 3025), and Elementary Statistics (STA 2014/STA 2023)

Major Requirements (51 credits)

HSA 5177	3	Health Care Finance
HSA 6114	3	Health Organization/Delivery
HSA 6186	3	Health Care Leadership
HSA 6435	3	Health Economics
HSA 6198	3	Health Information Technology
HSA 6196	3	Quantitative Analysis Health
HSA 6905	3	Health Policy
HSA 6385	3	Quality Management Health Care
HSA 6149	3	Health Planning & Marketing
HSA 6427	3	Health Law
HSA 6342	3	Health Care Human Resources
HSA 6178	3	Adv Health Care Financial Mgmt
MAN 6204	3	Organizational Theory
HSC 6505	3	Epidemiology/Disease Control
HSA 6188	3	Capstone: Health Care Strat Mgmt

Select one option for a total of six hours:

HSA 6815	Pract: Exec Skill Development
HSA 6945	Long Term Care Internship
HSC 6970	Thesis

Electives (3 credits)

Select one course:

HSA 6197	Health Systems Analysis
HSA 6126	Managed Health Care
HSA 6225	Long Term Care Administration
HSA 6958	Study Abroad: Health Care
HSC 6656	Professional Ethics in Health Care
HSA 6707	Research Methods Health Administration
HSA 6908	Directed Independent Study
PAD 5605	Administrative Law
PAD 6612	Regulatory Administration
ACG 6305	Management Accounting

Major: Health Science
Concentration: Geriatric Management
Degree: Master of Science in Health

Core Requirements (12 credits)

HSA 6225	3	Long-Term Care Administration
HSC 6560	3	Aging Health Multicultural Soc
GEY 6623	3	Aging & Health Policy
HSC 6737	3	Applied Research in Aging

Major Requirements (18 credits)

HSA 5177	3	Health Care Finance
HSA 6114	3	Health Organization/Delivery
HSA 6186	3	Health Care Leadership
HSA 6342	3	Health Care Human Resources
HSA 6425	3	Health Law
HSA 6385	3	Quality Management Health Care

Capstone Experience (6 credits)

Select one capstone option

HSA 6945 Long Term Care Internship (includes pre-internship module) or HSA 6813 Aging Capstone (may be completed for 3 credits over two terms, or for 6 credits over one term)

Major Electives (3 credits)

Select one course from the list. Electives must be selected from the following list. Any substitutions require faculty advisor approval.

HSA 6198 Health Information Technology
HSA 6905 Health Policy
HSA 6149 Health Planning & Marketing
HSA 6958 Study Abroad Health
HSA 6908 Directed Independent Study
HSC 6505 Epidemiology & Disease Control
HSC 6706 Grantsmanship

Department of Nutrition & Dietetics

Catherine Christie, Ph.D., R.D., Associate Professor & Chair
Judy E. Perkin, Dr. P.H., R.D., CHES, Professor
Judith C. Rodriguez, Ph.D., Professor
Julia Watkins, Ph.D., Associate Professor
Nancy Correa-Matos, Ph.D., Assistant Professor
Sally Weerts, Ph.D., Assistant Professor

This specialization is designed for those students who wish to emphasize the application of nutritional knowledge to the design and operation of community-based health programs. There are three options to this 41-credit-hour program. The first option, M.S.H./Nutrition thesis, allows students to pursue an independent research project as a culminating experience in their master's program. The second option, M.S.H./Nutrition non-thesis program, allows students to complete 12 pre-approved credits through a series of project, field experience, and independent study courses. These two options are designed for registered dietitians who wish to pursue graduate training with an emphasis in clinical or community dietetics. If the undergraduate degree is not in nutrition or dietetics, it is recommended that students apply for a second bachelor's degree to meet prerequisite requirements. Persons with a bachelor's in nutrition or dietetics that is older than seven years will receive a course-by-course evaluation to determine needed prerequisites after application is made to the program. The third option, M.S.H. Nutrition/Internship, enables graduates from CADE approved didactic programs in dietetics to fulfill the requirement for a pre-professional practice experience and become eligible to sit for the National Registration Examination. For more information about admission requirements, visit www.unf.edu/brooks/nutrition/mshnutrition.html

The dietetic Internship at the University of North Florida has been granted Accreditation by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetics Association, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, (312) 899-0040, ext. 5400.

Twelve students are admitted each fall to this four-semester full-time program and students must complete both the master's degree and internship experience in order to receive a verification statement and sit for the Dietetic Registration Exam.

Major: Health Science
Concentration: Nutrition
Degree: Master of Science In Health

Core Requirements (6 credits)

HSC 6735	3	Health Science Research
HSC 6505	3	Epidemiology/Disease Con

Major Requirements (23 credits)

HUN 6123	3	Socio Infl on Nutrition
HUN 5265	1	Methods of Nutrition Assess
HUN 6285	3	Nutrition & Metabolism I
HUN 6331	3	Nutrition & Metabolism II
DIE 6248	3	Clinical Nutrition
PHC 6525	3	Adv Concepts Nutrition/Health
DIE 6127	3	Adv Admin Food/Nutrition
HUN 6612	3	Nutrition Education/Counseling
HSC 6934	1-3	Seminar

Major Electives (12 credits)

Select one option below:

Thesis Option, Non-thesis Option, or Clinical Practicum Option.

To pursue the Clinical Practicum Option (Internship) you must be admitted through D & D Matching.

Nutrition Thesis Option

Select one course:

HUN 6522 Adv Public Health Nutrition
HUN 6509 Nutrition Epidemiology
DIE 6127 Adv Administration Food & Nutrition

Thesis Option requires (9 credits)

Thesis option requires a minimum of nine credits of
HSC 6970 Thesis

Nutrition Non-Thesis option

Select nine total credits hours from the following:

HSC 6912 Projects
HSC 6906 Independent Study/Research
HSC 6816 Field Experiences/Health
HSC 6928 Workshop Health Science
HSC 6931 Special Topics: Health Science
HSC 6900 Readings/Conference

Select one course:

HUN 6522 Adv Public Health Nutrition
HUN 6509 Nutrition Epidemiology
DIE 6127 Adv Administration Food & Nutrition

Nutrition Clinical Practicum

Students will complete DIE 6940 Clinical Practice Nutr/DIE four times for a total of 12 credits
Select total of 12 hours of DIE 6940
Register for DIE 6940 for three credits over four separate terms.

Department of Athletic Training and Physical Therapy Faculty

A. Russell Smith, Jr., Ed.D., P.T., O.C.S., Associate Professor & Chair
Ann C. Noonan, Ed.D., P.T., A.C.C.E., Associate Professor & Director, Physical Therapy Program
John P. Cummings, Ph.D., P.T., Associate Professor
Christopher J. Joyce, **Ph.D.**, **A.T.C.**, **C.S.C.S.**, **L.A.T.**, Associate Professor
Rose Marie Rine, Ph.D., P.T., Associate Professor
Joel W. Beam, Ed.D., A.T.C., L.A.T., Associate Professor
Bernadette Buckley, Ph.D., A.T.C., L.A.T., Assistant Professor
W. Allen Moore, Ph.D., P.T., Assistant Professor
Charles A. Thigpen, Ph.D., P.T., A.T.C., Assistant Professor

Doctor of Physical Therapy

The Doctor of Physical Therapy (D.P.T.) is a post-baccalaureate entry-level degree that prepares the graduate to practice physical therapy. The 102-hour program is designed to give students in-depth knowledge of basic and clinical sciences relevant to physical therapy. Full-time internships in the second and third years (totaling 34 weeks) will allow students to apply this knowledge as they engage in reflective practice through sound clinical decision making under the direction of expert clinicians. Graduates will be eligible to take the physical therapy licensure examination following successful completion of the program.

Students applying to the physical therapy program must have earned a baccalaureate degree prior to admission. While the student can select an undergraduate major of personal interest, specific course prerequisites are required of all students. Information regarding the physical therapy program and deadlines for admission is available from the Department of Athletic Training and Physical Therapy. Information about the accreditation status of the physical therapy program can be obtained from the Commission on Accreditation in Physical Therapy Education, 1111 N. Fairfax Street, Alexandria, VA 22314, phone (703) 684-2782.

The professional curriculum consists of 102 credit hours taken over eight semesters. The number of students to be admitted each year will be determined by the Brooks College of Health, in consultation with physical therapy program faculty, with consideration of the resources available to the program, the quality and size of the applicant pool, and current market conditions. Students who meet minimum requirements are not guaranteed admission to the program. A maximum of 36 students will be admitted to the program each year.

Prior to enrolling in professional courses, students must have the following credentials:

- a baccalaureate degree from a regionally accredited college or university. Applicants who apply while still enrolled in an undergraduate degree program may be admitted contingent upon successful completion of the bachelor's degree prior to enrolling in graduate courses.
- completion of all prerequisite courses within seven years prior to application. Students completing courses prior to the seven-year period may request special consideration and be asked to demonstrate competency through completion of subsequent academic coursework, standardized testing, or professional experience. Applicants who apply while still enrolled in prerequisite courses may be admitted contingent upon successful completion of all prerequisite courses.

- a 3.0 GPA or higher in all work attempted as an upper-level student, normally the 60 credits taken during the last two years of undergraduate study.
- a composite score of 1000 or more on the verbal and quantitative sections of the GRE from within the past five years.
- documentation of a minimum of 80 hours of volunteer/observation experience under supervision of a physical therapist.

Application Deadline: February 15

Note: Application, test scores, transcripts, and supporting documents should all be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Major: Physical Therapy
Degree: Doctor of Physical Therapy

Prerequisites:
The requirements listed below are prerequisites for the Doctor of Physical Therapy (D.P.T.). The course numbers listed under each requirement are course numbers from the University of North Florida. Any substitutions to these requirements are made at the time of evaluation for admission into the D.P.T.

Eight credit hours of General Chemistry I and II
- CHM 2045C General Chemistry I with Lab
- CHM 2046C General Chemistry II with Lab

Eight credit hours of Algebra-Based Physics
- PHY 2053 Algebra-based Physics I
- PHY 2053L Algebra-based Physics I Lab
- PHY 2054 Algebra-based Physics II
- PHY 2054L Algebra-based Physics II Lab

Three credit hours of Introduction to Psychology
- PSY 2012 Introduction to Psychology

Three credit hours of Human Growth or Lifespan Dev.
- DEP 3054 Lifespan Development

Three credits of Elementary Statistics
- STA 2014 Elem Stats Health & Social Science; and

Eight credit hours of Anatomy and Physiology I and II; and Four credit hours of General Biology I
- BSC 2085C Anatomy and Physiology I with Lab
- BSC 2086C Anatomy and Physiology II with Lab
- BSC 1010C General Biology I with Lab; or

Eight credit hours of General Biology I and II with Lab and minimum of three credits of Human Physiology.
- BSC 1010C General Biology I with Lab
- BSC 1011C General Biology II with Lab
- PCB XXXX Human Physiology

Three credit hours of Medical Terminology (recommended but not required for admission at this time).
- HSC 3537 Medical Terminology

A basic computer lit/applications course is also recommended.

Major Requirements (102 credits)

First Semester (Fall Term)

PHT 6110C	6	Gross Anatomy for Physical Therapy
PHT 5005	2	Professional Practice Issues
PHT 5257C	3	Clinical Skills
PHT 6122C	3	Kinesiology

Second Semester (spring term)

PHT 6153C	3	Human Physiology
PHT 6267C	4	Examination and Intervention
PHT 6161C	4	Neurosci I: Clin Neuroanat/Phy
PHT 5806	1	Clinical Practicum
PHT 6606C	3	Clinical Inquiry I

Third Semester (summer term)

PHT 6218C	3	Therapeutic Modalities
PHT 6354C	2	Pharmacology
PHT 6809	1	Clinical Education Prep I
PHT 6819C	4	Clinical Internship I

Fourth Semester (fall term)

PHT 6318C	4	Ortho I: Extremities
PHT 6303C	2	Applied Pathophysiology
PHT 6191C	3	Neurosci II: Mtr Ctrl and Lrn
PHT6314C	4	Neurology I: Path,Exam and Int
PHT 6734	1	PT Mgmt of the Integument

Fifth Semester (spring term)

PHT 7385C	4	Exercise Physio Cardio PT
PHT 7183C	5	Ortho II: Spine and Occ Health
PHT 7315C	4	Neurology II: Adv Exam and Inte
PHT 6607C	2	Clinical Inquiry II

Sixth Semester (summer term)

PHT 6823C	4	Clinical Internship II
PHT 6824C	4	Clinical Internship III

Seventh Semester (fall term)

PHT 7551	3	Leadership in Physical Therapy
PHT 7009C	3	Differential Diagnosis
PHT 7741C	3	Spinal Cord Inuury and Prosthetic
PHT 7141C	4	Lifespan Geriatrics/Pediatrics
PHT 7937	1-5	Special Topics in Physical Therapy
PHT 7617C	2	Clinical Inquiry III

Eighth Semester (spring term)

PHT 7825C	5	Clinical Internship IV
PHT 7826C	5	Clinical Internship V

School of Nursing Faculty

Lillia M. Loriz, Ph.D., A.R.N.P., B.C., Director, School of Nursing & Associate Professor

Kathaleen C. Bloom, Ph.D., C.N.M., A.R.N.P., Professor & Associate Director, Undergraduate Studies in Nursing

Pamela S. Chally, Ph.D., R.N., Professor & Dean, Brooks College of Health

John P. McDonough, Ed.D., C.R.N.A., Professor, Director, Nurse Anesthetist Track & Associate Director, Graduate Studies in Nursing

Patrick Monaghan, Ph.D., Professor

Jane McCarthy, Ph.D., C.R.N.A., F.A.A.N., Professor

Patricia H. Foster, Ed.D., R.N., Associate Professor
M. Catherine Hough, Ph.D., R.N., Associate Professor
Barbara Kruger, Ph.D., M.P.H., R.N., Associate Professor
Jan Meires, Ed.D., A.R.N.P., B.C., Associate Professor
Doreen Radjenovic, Ph.D., A.R.N.P., B.C., Associate Professor
Katherine Robinson, Ph.D., R.N., Associate Professor
Lucy B. Trice, Ph.D., A.R.N.P., B.C., Associate Professor & Associate Dean, Brooks College of Health
Barbara Olinzock, Ed.D., R.N., Assistant Professor
Connie Roush, Ph.D., R.N., Assistant Professor
Michele S. Bednarzk, M.N., A.R.N.P., B.C., Instructor
Jonathon Pabalate, M.S.N., C.R.N.A., Instructor
Mark Welliver, M.S., C.R.N.A., Instructor
Jurgen Osterbrink, Ph.D., R.N.A., Clinical Professor
Nicholas Kalynch, M.S., C.R.N.A., Clinical Assistant Professor
Charlene Williams, M.S.N., C.R.N.A., Clinical Assistant Professor
Tammy Carroll, M.S.N., C.R.N.A., Visiting Instructor & Assistant Director, Nurse Anesthesia Track
Jeffrey Spencer, M.S.N., C.R.N.A., Clinical Instructor
Dawn Welliver, M.S., C.R.N.A., Clinical Instructor

Doctor of Nursing Practice

The Doctor of Nursing Practice (D.N.P.) is a post-professional degree that prepares Nurses at the highest level of practice. The 48-hour program includes a clinical residency as well as a nursing doctoral project. The purpose of the program is to enhance the preparation of advanced practice nurses by giving them the cutting-edge skills and education necessary to engage in an evidence-based practice while conducting research related to their practice. The program requires specific admission requirements above and beyond the ones currently required by the university. Admission requirements for the D.N.P. program include: master's degree in a nursing specialty from a nationally accredited program;

1. Graduate GPA of 3.3;
2. A competitive score on the GRE, or demonstrated success in previous doctoral coursework, or submit a copy of your master's project or thesis (to be evaluated by admissions committee);
3. Negative background check;
4. Negative drug screen;
5. Hold an active license as a Registered Nurse or Advanced Practice Registered Nurse in the jurisdiction in which you practice;
6. A portfolio to include:
   a. a copy of graduate transcript and description of educational preparation;
   b. a description of past clinical experiences including role and function;
   c. identification of scholarly endeavors;
   d. a description of professional and community activities;
   e. an essay describing professional goals and how the program will enhance future goals and activities; and
   f. a copy of current nursing license and certification in practice area; and,
8. Three letters of reference which address academic ability and clinical skills.

Application Deadline: The annual D.N.P. application deadline is June 1 for fall (August) admission. This is the deadline by which to submit all application materials to The UNF Graduate School.

Major: Nursing
Degree: Doctor of Nursing Practice

Core Requirements **(21 credits)**

HSC 6505	3	Epidemiology/Disease Control
HSC 6512	3	Applied Health Statistics
HSA 6905	3	Health Policy
NGR 7871	3	Health Informatics for AP
NGR 7850	3	Evidence Based Practice I
NGR 7851	3	Evidence Based Practice II
NGR 7797	3	Role Devel in Adv. Nursing Program

Practice Residency **(15 credits)**

NGR 7946	3-9	Residency in Adv. Nursing Program
NGR 7974	1-6	Doctoral Project

Major Electives **(12 credits)**

Select one Elective Track option:
Administration Track or Practice Track

Administration Track:

NGR 6726	Quality Mgmt for Adv Nursing Practice
HSA 6435	Health Economics

Six credit hours of electives at the (5000-6000) level with the following prefixes EDG, EDA, NGR, HSA, HSC in consultation with the program director. or

Practice Track:

NGR 7179	Advanced Pharmacologic Management
NGR 7177	Advanced Bioscience
NGR 7796	Practice Management in Advanced Nursing & Health care

Three credit hours of electives at the (5000-6000) level with the following prefixes EDG, EDA, NGR, HSA, HSC in consultation with the program director.

Master of Science in Nursing: Primary Care Nurse Practitioner

The purpose of the M.S.N. program is to prepare primary care nurse practitioners to become skilled in meeting health care needs of individuals and families across the life span. Graduates of the program are eligible to take the family nurse practitioner certification examinations and to apply for licensure as Advanced Registered Nurse Practitioners by the Florida Board of Nursing.

Admission

Applicants to the M.S.N. program must meet the general University requirements for admission to graduate studies. In order to be considered for the M.S.N.-N.P. track, interested applicants must meet these additional requirements:

- Baccalaureate degree in nursing from a regionally accredited program
- Minimum score of 1000 on the GRE (verbal and quantitative section)
- Minimum score of 3 out of 5 on the GRE written sample
- Minimum GPA of 3.0 on a 4.0 scale calculated from the last 60 hours of undergraduate coursework
- Current licensure as a Registered Nurse in the state of Florida
- Two years of employment as a Registered Nurse in a clinical setting
- Written statement of academic and professional goals
- Successful completion of health assessment, statistics, and research courses within the last 10 years
- Academic and clinical references (one each)

License: Photocopy of current Florida license.

Employment: Resume one to two pages in length that includes professional work experience with a brief explanation of responsibilities in each position.

Goals: Goals both academic and professional, typewritten in no less than 12-point font with one-inch margins (both sides, top and bottom), not to exceed two to three pages.

Application Deadline: May 1 of each year.

Note: Application, test scores, transcripts, and supporting documents should all be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Under special circumstances, given space availability, the School of Nursing may elect to grant conditional admission to an applicant who does not meet all admission requirements. Criteria for conditional admission: A student admitted conditionally must earn a grade of "B" or higher in each course taken during the first semester of the program of study. The conditional admission status will last for the first semester only. Should the student fail to achieve the necessary grades, the student will not be allowed to continue in the program, and readmission to the program will be denied.

Note: The program of study is a lock step program, with a prescribed progression. All admitted students must select either the part-time or the full-time pathway.

Information about the accreditation status of the program can be found at the Commission on Collegiate Nursing Education (CCNE). CCNE can be reached at One Dupont Circle, NW, Suite 530, Washington, DC, 20036-1120, phone (202) 887-6791.

Major: Nursing
Concentration: PC Nurse Practitioner-FT
Degree: Master of Science In Nursing

Major Requirements (43 credits)

First Semester

NGR 5001C	3	Health Assessment/Diagnostics
NGR 5192	3	Pharmacotherapeutics
NGR 5141	3	Advanced Pathophysiology

Second Semester

NGR 5601C	3	Advanced Nursing Practice I
NGR 5810	3	Nursing Research Methods
NGR 5110	3	Theory Framework For Practice

Third Semester

NGR 6602C	3	Advanced Nursing Practice II

Select Nursing project or thesis

NGR 6970	1-3	Nursing Project
NGR 6971	1-6	Nursing Thesis

Fourth Semester

HSA 6114	3	Health Organization/Delivery
NGR 6603C	6	Advanced Nursing Practice III

Fifth Semester

NGR 6941C	4	Primary Care Practicum
NGR 6740	3	Advanced Nursing Practice Role

Select Project, Thesis or Elective

Select Graduate Level (5000/6000) Elective, or NGR 6971 Nursing Thesis for three semesters. Students selecting the thesis option must complete a total of six credit hours of NGR 6971.

Major: Nursing
Concentration: PC Nurse Practitioner-PT
Degree: Master of Science of Nursing

Major Requirements (43 credits)

First Semester

NGR 5192	3	Pharmacotherapeutics
NGR 5141	3	Advanced Pathophysiology

Second Semester

NGR 5810	3	Nursing Research Methods
NGR 5110	3	Theory Framework for Practice

Third Semester
Select one graduate level elective
Select one Graduate Level (5000/6000) Elective
Fourth Semester
HSA 6114 3 Health Organization/Delivery
NGR 5001C 3 Health Assessment/Diagnostics
Fifth Semester
NGR 5601C 3 Advanced Nursing Practice I
Select Nursing project or thesis
NGR 6970 1-3 Nursing Project
NGR 6971 1-6 Nursing Thesis
Students selecting the project option should take a three-credit-hour elective in the third semester. Students selecting the thesis option should register for three credit hours of thesis in the fifth semester and three credit hours of thesis in the eighth semester.
Sixth Semester
NGR 6602C 3 Advanced Nursing Practice II
Seventh Semester
NGR 6603C 6 Advanced Nursing Practice III
Eighth Semester
NGR 6941C 4 Primary Care Practicum
NGR 6740 3 Advanced Nursing Practice Role
Select Nursing thesis
Students selecting thesis option must complete a total of six credit hours of NGR 6971 (Nursing Thesis)

Master of Science in Nursing: Clinical Nurse Specialist

The purpose of the M.S.N. Clinical Nurse Specialist track is to prepare nurses to develop a concentrated area of clinical knowledge and to teach in nursing and health profession programs, health care institutions and agencies, and in the community. The program combines courses from the School of Nursing with some from the College of Education and Human Services to provide a solid foundation in teaching and learning.

Admission

Applicants to the M.S.N. program must meet the general University requirements for admission to graduate studies. In order to be considered for the M.S.N.-Clinical Nurse Specialist track, interested applicants must meet these additional requirements:

- Baccalaureate degree in nursing from a regionally accredited program
- Minimum score of 1000 on the GRE (combined verbal and quantitative)
- Minimum score of 3 out of 5 on the GRE written sample
- Minimum GPA of 3.0 on a 4.0 scale calculated from the last 60 hours of undergraduate coursework
- Current licensure as a Registered Nurse in the state of Florida
- Two years of employment as a Registered Nurse in a clinical setting
- Written statement of academic and professional goals
- Successful completion of health assessment, statistics, and research courses within the last 10 years
- Academic and clinical references (one each)

Submit the following information with your application:
License: Photocopy of current Florida license.
Employment: Resume one to two pages in length that includes professional work experience with a brief explanation of responsibilities in each position.
Goals: Both academic and professional, typewritten in no smaller than 12-point font or equivalent with one-inch margins (both sides, top and bottom), not to exceed two to three pages.

Application Deadline: May 1 of each year.

Note: Application, test scores, transcripts, and supporting documents should all be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Under special circumstances, given space availability, the School of Nursing may elect to grant conditional admission to an applicant who does not meet all admission requirements. Criteria for conditional admission: A student admitted conditionally must earn a grade of "B" or higher in each course taken during the first semester of the program of study. The conditional admission status will last for the first semester only. Should the student fail to achieve the necessary grades, the student will not be allowed to continue in the program, and readmission to the program will be denied.

Note: The program of study is a lock step program, with a prescribed progression. All students are admitted to either the part-time or the full-time pathway.

Major: Nursing
Concentration: Clinical Nurse Spec-FT
Degree: Master of Science in Nursing

Major Requirements (43 credits)
First Semester
NGR 5141 3 Advanced Pathophysiology
NGR 5192 3 Pharmacotherapeutics
NGR 5001C 3 Health Assessment/Diagnostics
Second Semester
NGR 5810 3 Nursing Research Methods
NGR 5110 3 Theory Framework For Practice
NGR 5052C 3 Clinical Nurse Specialist I
Third Semester
NGR 6637C 3 Clinical Nurse Specialist II
Select one of the following courses:
EDA 6302 Lifelong Learning & Prof Development
EDG 6626 Curriculum & Instruction Adult Learning
Fourth Semester
NGR 6711C 3 Clinical Nurse Specialist III

Select one of the following courses:
EDA 6302 Lifelong Learning & Prof Development
EDG 6626 Curriculum & Instruction Adult Learning
Select one grad level elective or thesis
3 credit hours graduate level (5000/6000) electives to be approved by program director, or 3 credit hours of NGR 6971 (Nursing Thesis)

Fifth Semester
NGR 6740 3 Advanced Nursing Practice Role
NGR 6940C 4 Clinical Nurse Spec Practicum
Select Nursing project or thesis
NGR 6970 1-3 Nursing Project
NGR 6971 1-6 Nursing Thesis

Major: Nursing
Concentration: Clinical Nurse Spec-PT
Degree: Master of Science in Nursing

Major Requirements (43 credits)

First Semester
NGR 5141 3 Advanced Pathophysiology
NGR 5192 3 Pharmacotherapeutics

Second Semester
NGR 5810 3 Nursing Research Methods
NGR 5110 3 Theory Framework for Practice

Third Semester
NGR 6970 1-3 Nursing Project
NGR 6971 1-6 Nursing Thesis

Fourth Semester
NGR 5001C 3 Health Assessment/Diagnostics
Select one course from the following:
EDA 6302 Lifelong Learning & Prof Development
EDG 6626 Curriculum & Instruction for Adult Learner

Fifth Semester
NGR 5052C 3 Clinical Nurse Specialist I
Select Nursing project or thesis
NGR 6970 1-3 Nursing Project
NGR 6971 1-6 Nursing Thesis

Sixth Semester
NGR 6637C 3 Clinical Nurse Specialist II

Seventh Semester
NGR 6711C 3 Clinical Nurse Specialist III
Select one course from the following:
EDA 6302 Lifelong Learning & Prof Development
EDG 6626 Curriculum & Instruction Adult Learning

Eighth Semester
NGR 6740 3 Advanced Nursing Practice Role
NGR 6940C 4 Clinical Nurse Spec Practicum

Master of Science in Nursing: Clinical Nurse Leader

The purpose of the M.S.N. Clinical Nurse Leader (C.N.L.) track is to prepare nurses at the graduate level to be leaders across all settings in which health care is delivered. The C.N.L. is a provider and manager of care at the point of care to individuals and cohorts or populations. The C.N.L. designs, implements, and evaluates care by coordinating, delegating, and supervising the care provided by the health care team. The Nursing Program is fully accredited by the Commission on Collegiate Nursing Education and approved by the Florida Board of Nursing. The C.N.L. is a generalist in contrast with the specialized focus of the practice by clinical nurse specialists and nurse practitioners. The C.N.L. oversees the care coordination of a distinct group of patients and actively provides direct patient care in complex situations. This clinician puts evidence-based practice into action to ensure that patients benefit from the latest innovations in care delivery. The C.N.L. collects and evaluates patient outcomes, assesses cohort risk, and has the decision-making authority to change care plans when necessary. This clinician functions as part of an interdisciplinary team by communicating, planning, and implementing care directly with other health care professionals, including physicians, pharmacists, social workers, clinical nurse specialists and nurse practitioners.

Admission

Applicants to the M.S.N. program must meet the general University requirements for admission to graduate studies. In order to be considered for the M.S.N. Clinical Nurse Leader track, interested applicant must meet these additional requirements:

- B.S.N. from a regionally accredited program
- Two years experience as a registered nurse in a clinical setting
- Minimum score of 1000 on the GRE (combined verbal and quantitative)
- Score of at least 3 out of 5 on the GRE written sample test
- Minimum GPA of 3.0 on a 4.0 scale for nursing prerequisite courses
- Written statement of academic and professional goals
- Academic and Clinical references (one each)
- Current licensure as a registered nurse in the state of Florida
- Successful completion of health assessment, statistics, and research courses within the last 10 years

Submit the following information with your application:
License: Photocopy of current Florida license.
Employment: Resume one to two pages in length that includes professional work experience with a brief explanation of responsibilities in each position.
Goals: Both academic and professional, typewritten in no smaller than 12-point font or equivalent with one-inch margins (both sides, top and bottom), not to exceed two to three pages.

Application Deadline: May 1 of each year

Note: Application, test scores, transcripts, and supporting documents should all be sent directly to the Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Major: Nursing
Concentration: Clinical Nurse Leader: FT
Degree: Master of Science of Nursing

Major Requirements (43 credits)

First Semester

NGR 5141	3	Advanced Pathophysiology
NGR 5192	3	Pharmacotherapeutics
HSA 5177	3	Health Care Finance
NGR 5770	2	Clinical Leadership I

Second Semester

NGR 5110	3	Theory Framework for Practice
NGR 5810	3	Nursing Research Methods
HSA 6198	3	Health Information Technology
HSA 6385	3	Quality Management Health Care

Third Semester

NGR 6772	2	Clinical Leadership II
NGR 6970	1-3	Nursing Project

Fourth Semester

NGR 5001C	3	Health Assessment/Diagnostics
NGR 6970	1-3	Nursing Project
HSC 6716	3	Health Program Evaluation

Fifth Semester

NGR 6942C	9	Clinical Leadership Residency

Major: Nursing
Concentration: Clinical Nurse Leader: PT
Degree: Master of Science of Nursing

Major Requirements (43 credits)

First Semester-fall 6 credits

NGR 5141	3	Adv Pathophysiology
NGR 5192	3	Pharmacotherapeutics

Second Semester-spring 6 credits

NGR 5110	3	Theo Frame For Prac
NGR 5810	3	Nurse Res Methods

Third Semester-summer 2 credits

NGR 5770	2	Clinical Leadership I

Fourth Semester-fall 6 credits

HSA 5177	3	Health Care Finance
NGR 5001C	3	Health Assessment/Diagnostics

Fifth Semester-spring 6 credits

HSA 6198	3	Health Info Tech
HSC 6716	3	Health Progrm Eval

Sixth Semester-summer 3 credits

NGR 6970	1-3	Nursing Project

Seventh Semester-fall 5 credits

HSA 6758	3	Quality Mgmt Health Care
NGR 6772	2	Clinical Leadership II

Eighth Semester-spring 9 credits

NGR 6942C	9	Clinical Leadership Res

Master of Science in Nursing: Nurse Anesthetist

Nurse Anesthetist is a clinical specialty track within the School of Nursing. The nurse anesthetist curriculum is an extremely rigorous academic and clinical undertaking. It consists of a seven semester continuous program of full-time graduate study. Graduates will be eligible to take the National Certification Examination to become a Certified Registered Nurse Anesthetist (C.R.N.A.) as well as to obtain the A.R.N.P. (in nurse anesthesia) credential from the Florida Board of Nursing. There is a limited and competitive admissions program, and it is expected that the number of applicants will exceed the available positions. Students will begin the program once a year, starting the fall semester in August. For the most current information, visit the Brooks College of Health Web site at www.unf.edu/coh; click on School of Nursing, and then on Nurse Anesthetist.

Information on accreditation status can be obtained at the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). COA, 222 South Prospect Avenue, Suite 304, Park Ridge, IL 60068-4010.

Admission Requirements

- Bachelor's degree in nursing (or other appropriate discipline) from an accredited institution
- A minimum of one year experience as a registered nurse in a critical care setting
- Admission to the graduate nursing program
- Minimum score of 1000 on the GRE (combined verbal and quantitative)
- Minimum GPA of 3.0 on a 4.0 scale
- Written statement of academic and professional goals
- Current licensure as a registered nurse in the state of Florida
- References and an interview will be required

Note: application, test scores, transcripts, and supporting documents should all be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Major: Nursing
Concentration: Nurse Anesthetist
Degree: Master of Science of Nursing

Major Requirements (92 credits)

First Semester

NGR 5192	3	Pharmacotherapeutics
NGR 5141	3	Advanced Pathophysiology
NGR 6091	2	Prin of Anesth Nursing I
NGR 6011	2	Chem & Phy Anes Nursing I
NGR 5001C	3	Health Assessment/Diagnostics
NGR 6173	1	Pharm Anes Nursing I
NGR 6760	1	Prof Asp of Anesthesiology Nur

NGR 6270L 1 Anesth Nursing Practicum I

Second Semester

NGR 6144 3 Adv Biosc Anes Nursing I
NGR 6093 3 Principles of Anesth Nursing II
NGR 6174 2 Pharm Anes Nursing II
NGR 6012 1 Chem & Phy Anes Nursing II
NGR 5110 3 Theory Framework for Practice
NGR 6010 1 Technology in Anesth Nursing
NGR 6271L 3 Anesth Nursing Practicum II

Third Semester

NGR 5810 3 Nursing Research Methods
NGR 6094 2 Prin of Anesth Nursing III
NGR 6092 2 Regional Anesthesia
NGR 6272L 6 Anesth Nursing Practicum III

Fourth Semester

NGR 6145 3 Adv Biosc Anesth Nursing II
NGR 6970 1-3 Nursing Project
NGR 6273L 8 Anesth Nursing Practicum IV

Fifth Semester

NGR 6097 2 Prin of Anesth Nursing IV
NGR 6970 1-3 Nursing Project
NGR 6274L 8 Anesth Nursing Practicum V

Sixth Semester

PHC 6412 3 Culture & Health
NGR 6275L 8 Anesth Nursing Practicum VI
NGR 6970 1-3 Nursing Project

Seventh Semester

NGR 6098 3 Adv Anesth Nurs Sem
NGR 6276L 8 Anesth Nursing Practicum VII
NGR 6970 1-3 Nursing Project

R.N.-M.S.N. Accelerated Track

The purpose of the R.N.-M.S.N. track is to allow carefully selected registered nurses who do not possess a B.S.N. to fast-track into the M.S.N. program in order to become primary care nurse practitioners. As in the B.S.N.-M.S.N. track, graduates will be skilled in meeting health care needs of individuals and families across the life span. Graduates of the program are eligible to take the family nurse practitioner certification examinations and to apply for licensure as advanced registered nurse practitioners by the Florida Board of Nursing.

Admission Requirements

Applicants to the R.N.-M.S.N. track of the M.S.N. program must meet the general university requirements for admission to graduate studies and all admission requirements for the R.N.-B.S.N. track. In order to be considered for the R.N.-M.S.N. Accelerated Track, applicants must meet these additional requirements:

- Minimum score of 1000 on the GRE (combined verbal and quantitative)
- Score of at least 3 out of 5 on the GRE written sample test
- Minimum GPA of 3.2 on a 4.0 scale for nursing B.S.N. prerequisite courses
- Current licensure as a registered nurse in the state of Florida
- Two years of employment as a registered nurse in a clinical setting
- Written statement of academic and professional goals
- Malpractice insurance (required at the beginning of the term of enrollment in the first clinical course, NUR 3080L)
- Academic and clinical reference (one each)

Submit the following information with your application:

License: Photocopy of current Florida license

Employment: Resume one to two pages in length that includes professional work experience with a brief explanation of responsibilities in each position

Goals: Goals both academic and professional, typewritten in no less than 12-point font with one-inch margins (both sides, top and bottom), not to exceed two to three pages.

Application Deadline: May 1 of each year.

Note: Application, test scores, transcripts, and supporting documents should all be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Note: During the first year, students who are unable to meet the continuing requirements for progression in this program of study and those who choose not to continue toward the M.S.N. will be able to divert to completion of the R.N.-B.S.N. track within the baccalaureate nursing program. In that case, the student would need to complete all courses required in the R.N.-B.S.N. track.

Major: Nursing
Concentration: R.N.-M.S.N. Bridge
Degree: Master of Science of Nursing

Prerequisites (31 credits)

Must be completed with a grade of "C" or higher

SYG 2000 3 Introduction to Sociology
SYG X000 or any Introduction to Sociology may substitute for SYG 2000

PSY 2012 3 Introduction to Psychology
PSY X012 or any General Psychology may be substituted for PSY 2012

DEP 3054 3 Lifespan Developmental Psych
DEP X004 or any Human Growth & Development across the Life Span may be substituted

STA 2014 3 G(M) Elem Statistics-Health/SS
STA X014 or any Statistic course maybe be substituted for STA 2014

HUN 2201 3 Basic Prin Human Nutrition
NUR X192 or any Human Nutrition course may be substituted for HUN 2201

MCB 2010C 4 Microbiology
MCB X010C or any Microbiology with lab may be substituted for MCB 2010C
BSC 2085C 4 Human Anatomy & Physiology I
BSC X085C or any Human Anatomy & Physiology I or Human Anatomy
BSC 2086C 4 Human Anatomy & Physiology II
BSC X086C or any Human Anatomy & Physiology II or Human Physiology
CHM 2045C 4 General Chemistry I
CHM XXXX must be comprehensive College General Chemistry such as CHM X030 or CHM X032 but not lower level principles courses (such as CHM X025)

Major Requirements (95 credits)

First Semester
NUR 3065L 3 Health Assessment
NUR 3619 4 Family/Community Assessment
NGR 5141 3 Advanced Pathophysiology
NUR 3816 4 Professional Nursing Concepts

Second Semester
NUR 3082C 4 Transition Concepts/Practice
NUR 3167 2 Nursing Science II
NGR 5110 3 Theory Framework For Practice

Third Semester
NUR 4636C 5 Comm Partnerships/Nurse Practice

NCLEX Validation Credit (30 credits)

Thirty credit hours of validation credits are awarded in the student's third semester of enrollment. These 30 credit hours are awarded based upon validation of previous nursing knowledge through satisfactory completion of NCLEX examination within two years of enrollment. Other methods for awarding 30 hours of validation credits are available.

Fourth Semester
NGR 5001C 3 Health Assessment/Diagnostics
NGR 5192 3 Pharmacotherapeutics

Fifth Semester
NGR 5810 3 Nursing Research Methods
NGR 5601C 3 Advanced Nursing Practice I

Select one graduate level elective:
Select one three-credit-hour graduate (5000/6000) level elective to be approved by program director.

Sixth Semester
NGR 6602C 3 Advanced Nursing Practice II
NGR 6970 1-3 Nursing Project
Select three semester hours of Nursing Project

Seventh Semester
NGR 6603C 6 Advanced Nursing Practice III
HSA 6114 3 Health Organization/Delivery

Eighth Semester
NGR 6941C 4 Primary Care Practicum
NGR 6740 3 Advanced Nursing Practice Role

During the first year, students who are unable to meet the continuing requirements for progression in this program of study, and those who choose not to continue toward the M.S.N., will be able to divert to completion of the R.N.-B.S.N. track within the baccalaureate nursing program. In that case, students would need to complete all courses required in the R.N.-B.S.N. track.

The Family Nurse Practitioner Certificate Program

This track is for individuals who currently have a master's in nursing and want to obtain a certificate which will allow them to sit for the national certification examinations as a family nurse practitioner in order to practice in that capacity.

Admission Requirements

- Master's degree in nursing from a regionally accredited program
- Minimum GPA of 3.5 on a 4.0 scale in the master's program
- Current licensure as a registered nurse in the state of Florida
- Two years of employment as a registered nurse in a clinical setting within the last four years
- Successful completion of health assessment course within the past 10 years
- Malpractice insurance
- Clinical references and interview may be required

Note: Application, test scores, transcripts, and supporting documents should all be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Major: Post-Masters FNP Certificate
Degree: Post-Masters Certificate

Minor Requirements (28 credits)
NGR 5001C 3 Health Assessment/Diagnostics
NGR 5192 3 Pharmacotherapeutics
NGR 5141 3 Advanced Pathophysiology
NGR 5601C 3 Advanced Nursing Practice I
NGR 6602C 3 Advanced Nursing Practice II
NGR 6603C 6 Advanced Nursing Practice III
NGR 6740 3 Advanced Nursing Practice Role
NGR 6941C 4 Primary Care Practicum

Brooks College of Health Course Descriptions

ATHLETIC TRAINING & PHYSICAL THERAPY

PHT 5005-Professional Practice Issues 2

This course addresses trends and issues relevant to contemporary practice of physical therapy. Topics will include scope of legal/ethical practice; documentation of medical information; the variety of roles/work environments served by physical therapists; context of health care delivery; role of other health professionals; and areas of controversy within the profession. Major emphasis will be on increasing knowledge and skills in developing helping and healthy relationships and in communicating effectively with patients and others.

PHT 5257C-Clinical Skills 3

This course provides an introduction to clinical problem solving, physical assessment, posture screening and procedures of patient mobility. Basic evaluation tools and intervention strategies will be introduced. The course also emphasizes the importance of communication skills. *(A laboratory fee of $15 will be assessed.)*

PHT 5806-Clinical Practicum 1

Prerequisites: Successful completion in previous courses in the DPT curriculum. This course is designed to facilitate the integration of clinical skills taught in the academic setting, to allow students to observe and practice those skills in a clinical environment, and to assist students in developing a better understanding of the roles and responsibilities of the physical therapist in clinical settings.

PHT 6110C-Gross Anatomy for Physical Therapists 6

Prerequisite: Admission to the Physical Therapy program. This course will be a detailed study of the human body through lecture, laboratory presentations, and cadaver dissection using a regional approach. The primary focus of this course will be on gross anatomy and the relationships between the musculoskeletal, neurological, and vascular systems of the human body. The anatomy of the head and neck, viscera and pelvic floor will also be emphasized. In addition, the course will introduce the student to surface anatomy and normal radiological anatomy.

PHT 6122C-Kinesiology 3

Prerequisite: Admission to the Physical Therapy program. This course will be an introduction of the understanding and examination human motion. The concepts and terminology from biomechanics and kinesiology will be used to explain human motion with an emphasis on the neuromuscular control of joint motion and muscle function. A regional approach to the body will explore extremity and trunk movements of functional activities such as walking, squatting, and reaching. Kinesiological and biomechanical concepts presented will be the foundation for physical therapy examination and intervention.

PHT 6153C-Human Physiology 3

Prerequisite: Successful completion of previous courses in the DPT curriculum. This foundational science course will present normal physiology of all the major body systems with emphasis on topics directly related to physical therapy. Basic molecular, genetic and biochemical principles will also be discussed when relevant to the practice of physical therapy.

PHT 6161C-Neuroscience I: Clinical Neuroanatomy/Physiology 4

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course provides and integrative, but concise study of the normal structure and function of the human central and peripheral nervous systems, as well as the pathophysiological mechanisms underlying nervous system dysfunction presented as clinical correlations. This study will provide students with a basis for physical therapy examination, evaluation, and intervention for patients with neurological involvement. Didactic presentations will be supplemented by laboratory sessions to increase understanding of the three dimensional anatomy of the central nervous system.

PHT 6191C-Neuroscience II: Motor Control & Learning 3

Prerequisite: Successful completion of previous courses in the DPT curriculum. Basic neurophysiological and neuropsychological constructs regarding the function of the nervous system are explored. An in-depth review of the cellular level functions are provided. Analyses of normal systems are contrasted with abnormal systems. In depth review of theories and constructs of motor control and motor learning are provided. Particular emphasis is placed on the systems and mechanisms involved in human motor control, function and learning, assessment of the same, and the basis for diagnosis and treatment selection by physical therapists.

PHT 6218C-Theraputic Modalities 3

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is designed to instruct physical therapy students in the underlying principles and clinical applications of thermal, electrical, and mechanical modalities. An emphasis will be placed on problem-solving skills and patient education using these modalities. The focus of laboratory sessions is to demonstrate safe and appropriate clinical application of thermal, electrical, and mechanical modalities. Use of these modalities to address the treatment of clinical symptoms including inflammation, muscle re-education, pain, and other dysfunctions will be discussed. A presentation with an emphasis on evidenced-based practice on a chosen modality will be required. Competencies for each modality must be successfully completed prior to both the written and practical examinations.

PHT 6267C-Examination & Intervention 4

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is a study of basic physical therapy clinical skills related to recognition, examination, and intervention of disorders and injuries of the neuromusculoskeletal system. Foundational concepts and basic skills essential in the physical therapy management of clients will be introduced and applied consistent with the ICF and the

Guide to Physical Therapy Practice. Emphasis of the course will be on examination and intervention with attention to additional components of patient management: evaluation, diagnosis, prognosis and outcomes.

PHT 6303C-Applied Pathophysiology 2

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course will examine specific pathological conditions common to the practice of physical therapy. Underlying physiological alterations and the physical consequences of such alterations will be reviewed. Treatment rational, in terms of medical management and physical therapy management, will also be discussed. Conditions covered in this course will cross the lifespan from infancy to advanced age. And, although not the focus of this course, differential diagnosis will be an important topic. *(A material fee of $25 will be assessed)*.

PHT 6314C-Neurology I: Pathology, Examination & Intervention 4

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course will examine specific pathological conditions common to the practice of physical therapy. Underlying physiological alterations and the physical consequences of such alterations will be reviewed. Treatment rational, in terms of medical management and physical therapy management, will also be discussed. Conditions covered in this course will cross the lifespan from infancy to advanced age. And, although not the focus of this course, differential diagnosis will be an important topic. *(A material fee of $25 will be assessed)*.

PHT 6318C-Orthopedic Physical Therapy I: Extremities 4

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is an in-depth study in the recognition, examination, and intervention of disorders and injuries of the musculoskeletal system through the life span, with emphasis on the upper and lower extremities. A problem solving approach is followed with application of the disablement model and evidence-based practice in the management of impairments of the extremities and inclusion of the following elements of patient/client management: examination, evaluation, diagnosis, prognosis, and intervention. Lab sessions focus on specialized examination and intervention skills, including the performance of joint-specific special tests, joint mobilization techniques, orthotics, and impairment-specific therapeutic exercises.

PHT 6354C-Pharmacology 2

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course will present current knowledge related to the pharmacokinetics and pharmacodynamics of common drugs related to the physical therapy patient management. The course will examine the factors that influence drug absorption, distribution, and elimination. Emphasis will be placed upon the determinants of how a specific dose of a drug will eventually reach target tissues and exert a response. Additionally, the course will explore influence of exercise, application of physical agents, and massage on normal pharmacokinetics.

PHT 6606C-Clinical Inquiry I 3

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course presents an introduction to principles of clinical inquiry, specifically related to the development of clinically related questions and the process of answering the developed questions. Students are encouraged to compose questions in the context of contemporary health care and physical therapy. Topics covered include critical thinking, the process of reviewing scientific literature, an introduction to information searching, discussion of reliability and validity and the processes of scientific documentation. An introduction to research designs, research methods, and basic data analysis will be explored as well as an overview of experimental and non-experimental research designs. Critique of the scientific literature with application of the literature in evidence-based practice will be an element of all future clinical management courses.

PHT 6607C-Clinical Inquiry II 2

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is the second in a three part series regarding the principles of clinical inquiry. The objective of the series is to prepare the graduate to critically analyze and use the scientific literature to improve clinical practice, relative to clinical research, education, and/or administration. In this unit, students will work with specific faculty to implement the proposed project developed in unit one of the series. Topics covered include: problem solving, research design, advanced research methods and data analysis. Specifically, quantitative, qualitative and survey outcomes and advanced clinical research design methods will be explored. Students will review all aspects of data handling to include development of data logs, data entry, statistical analysis and interpretation of the analysis.

PHT 6734-Physical Therapy Management of the Integument 1

Prerequisite: Successful completion of previous courses in the DPT curriculum. Students apply anatomy, physiology, epidemiology and pathology in exploring the issues of medical, surgical, pharmacological, and psychological and physical therapy management of individuals throughout the lifespan with Integumentary system impairments. Students will develop examination skills and derive diagnoses; prognoses, evaluations and effective physical therapy interventions based on relevant evidence.

PHT 6809-Clinical Education Prep I 1

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is designed to prepare students for clinical education experiences. Policies and procedures are described. Students develop an understanding of the roles of the Academic Coordinator of Clinical Education (ACCE), the Center Coordinator for Clinical Education (CCCE), the Clinical Instructor (CI), and their own roles in the clinical education process. Students develop an understanding of various clinical education models and learn how they will be evaluated using the Clinical Performance Instrument (CPI). Students learn to write educational objectives for clinical education experiences and to prepare in-services to meet the needs of their clinical supervisors.

PHT 6819C-Clinical Internship I 4

Prerequisite: Successful completion of previous courses in the DPT curriculum. Clinical Internship I is a full-time six week clinical internship experience. Students may be placed in inpatient hospital or rehabilitation settings, outpatient clinics, and/or skilled nursing facilities. Patients with orthopedic, musculoskeletal, neurological, and/or cardiopulmonary diagnosis may be

encountered. Under direct supervision, and with the clinical instructor's assistance, the student will integrate all prior academic work. Students will apply basic physical therapy examination techniques and initiate treatment activities with non-complicated patients. Students will practice in accordance with the American Physical Therapy Association Code of Ethics and Guide to Physical Therapist Practice; the practice act of the state in which they are assigned; and according to the policies and procedures of the individual facility where they are assigned.

PHT 6916-Projects v. 1-3

Under the direction of graduate faculty, the student will design, implement, and/or participate in an approved project. May be repeated up to seven hours.

PHT 6971-Master's Thesis v. 1-3

Prerequisite: HSC 4730. Under the direction of graduate faculty, the student will design and implement an approved research project. May be repeated up to 10 hours.

PHT 7009C-Differential Diagnosis 3

Prerequisites: Successful completion of previous courses in the DPT curriculum. This course focuses on differential diagnosis and advanced clinical reasoning in physical therapy practice. Emphasis is on recognition of real and potential patient problems as a basis for screening and appropriate treatment and referral. Content includes systems review using case presentations of differential findings in relation to musculoskeletal pathologies. Other major topics include wound care, women's health, pharmacology, and psychology of pain. This is a capstone course, preparing students for practice in direct access environments.

PHT 7141C-Lifespan Geriatrics/Pediatrics 4

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course includes two modules that provide study of the special needs and requirements for the provision of physical therapy to the pediatric and geriatric populations. Discussion of third party payers, unique service locations (e.g. schools, nursing home), and the laws pertaining to these populations is included. Consultation and site visits for evaluation and treatment planning of specific patients are components of this course.

PHT 7183C-Orthopedic Physical Therapy II: Spine & Occupational Health 5

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is an in-depth study related to examination and intervention of disorders and injuries of the musculoskeletal system with emphasis on the axial skeleton including temporomandibular joints. Course includes concepts of functional spinal units, interrelationship of group lesions on normal and dysfunctional biomechanics, therapeutic intervention outcomes, and current theories of spinal mechanics. Lab sessions focus on specialized examination and intervention skills, including spinal joint mobilization techniques. Students will gain skills related to the responsibilities and roles of physical therapists in addressing health-related issues within the community, particularly occupational health. Consultation with local industry with completion of an ergonomic analysis is a component of this course.

PHT 7315C-Neurology II: Advanced Examination & Intervention 4

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course includes current motor control and motor learning principles as applied to individuals with neurological disorders. Facilitation of improved motor function is a primary goal of this course. Students will learn the theories, philosophies of a variety of treatment strategies and be able to discuss and integrate the appropriate use of each strategy. This course will require the student to utilize information learned from previous and current course material to apply to clinical patient simulated scenarios. The application of critical thinking skills will be emphasized. *(A material fee of $25 will be assessed)*.

PHT 7385C-Exercise Physiology/Cardiopulmonary Physical Therapy 4

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course addresses exercise physiology principles as relate to normal and clinically compromised populations. Emphasis is evaluation and treatment skills for cardiopulmonary dysfunction. Exercise prescription for special populations is addressed. *(A material fee of $25 will be assessed)*.

PHT 7551-Leadership in Physical Therapy 3

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is designed to provide the student with the knowledge required for dealing successfully with the day-to-day demands physical therapists face or will face as they pursue their careers. The management and leadership principles presented are universal and applicable to multiple physical therapy practitioner settings. Key management and leadership concepts are related to physical therapy practice at both the organizational and clinical departmental level.

PHT 7617C-Clinical Inquiry III 2

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course is the final in a three part series regarding clinical inquiry. The outcome of the series is a project related to clinically-relevant research, education, or administration. Within this portion, students will complete their project/scholarly activity and prepare results for presentation. In addition, the realities of inquiry will be discussed to include: time demands, funding, and policy. A significant portion of the course is independent study, in which the students are preparing the final report of their specific project.

PHT 7741C-Spinal Cord Injury and Prosthetic 3

Prerequisite: Successful completion of previous courses in the DPT curriculum. This course will have two units. Unit one will focus on the neuropathology, examination, evaluation, physical therapy diagnosis, prognosis and intervention of spinal cord injured persons. Medical/pharmacological management of the spinal cord injured person will be discussed. Laboratory sessions will focus on clinical treatment skills and techniques. A home evaluation assignment will be required. Group assignments will emphasize current literature. Unit two will focus on the pathology, examination, evaluation, physical therapy diagnosis, prognosis and intervention of patients with upper and lower limb amputations. Functional mobility training of patients with an amputation both with and without

a prosthesis will be emphasized. A review of lower extremity biomechanics and gait training will also be part of this course. *(A material fee of $25 will be assessed)*.

PHT 7825C-Clinical Internship IV 5

Prerequisite: Successful completion of previous courses in the DPT curriculum. Clinical Education IV targets a variety of clinical experiences based upon facility placement and patient population. Student assignments are individualized and based on the students? areas of clinical interest, academic performance, and prior clinical education experiences and clinical performance. Students may be placed in inpatient hospital or rehabilitation settings, outpatient clinics, skilled nursing facilities, school or home care settings and/or other specialty practices. Experiences in these settings will provide the student with an opportunity to apply the knowledge and skills acquired throughout the curriculum to any patient referred to physical therapy. Under the direct supervision of a clinical instructor, the student will begin to advance their hands-on clinical skills and further develop their critical thinking abilities. Students will practice in accordance with the American Physical Therapy Association Code of Ethics and Guide to Physical Therapist Practice. *(A material fee of $30 will be assessed)*.

PHT 7826C-Clinical Internship V 5

Prerequisite: Successful completion of previous courses in the DPT curriculum. Clinical Internship V is a clinical education patient experience prior to graduation. This experience provides students with the opportunity to meet entry level requirements to practice as a physical therapist. Students continue to practice examination, evaluation, intervention, documentation, consultation and administrative skills under the supervision and guidance of a licensed physical therapist, but are expected to function at the level of a new graduate by the completion of this experience. Student assignments are individualized and based on the students? areas of clinical interest, academic performance, and prior clinical education experiences and clinical performance. Students may be placed in inpatient hospital or rehabilitation settings, outpatient clinics, skilled nursing facilities, school or home care settings and/or other specialty practices. Patients with orthopedic, musculoskeletal, neurological, and/or cardiopulmonary diagnosis may be encountered. Through reflective journal writing students will further develop their self-assessment skills as they begin to transition from the role of student to that of an entry-level doctorly prepared physical therapist. Students will practice in accordance with the American Physical Therapy Association Code of Ethics and Guide to Physical Therapist Practice; the practice act of the state in which they are practicing; and according to the policies and procedures of the individual facility where they are assigned. *(A material fee of $30 will be assessed)*.

PHT 7937-Special Topics in Physical Therapy v. 1-5

Prerequisite: Successful completion of previous courses in the DPT curriculum. Students, with instructor consent, may explore topics of interest within physical therapy specialty areas. Particular attention is given to topics related to applications in teaching, consultation, research, practice, and administration.

NURSING

NGR 5001C-Health Assessment & Diagnostics 3

Prerequisites: Admission to the MSN program or consent of instructor. Pre or corequisites: NGR 5141 and NGR 5192. Focuses on development of proficiency in assessment and interview skills in obtaining health history and physical examination. Identification of abnormal findings for treatment/referral is emphasized. Use of basic laboratory and diagnostic data to diagnose common uncomplicated health problems and acute illness or injury is included. *(A laboratory fee of $15 will be assessed.)*

NGR 5052C-Clinical Nurse Specialist I 3

Prerequisite: NGR 5601C. The focus of this course is on the development of advanced nursing knowledge in a specialized area of practice. This course provides an opportunity for the learner to identify and explore acute and chronic health problems in an area of concentrated study: Adult Health; Child Health; Community Health; Geriatric Health; Mental Health; or Women's Health. The course will involve learners in the identification of the area of concentrated study and the planning, implementation, and evaluation of a personal learning plan for increasing knowledge and skills in this area. Learners will apply their advanced knowledge and skills in the clinical area.

NGR 5110-Theory Framework for Practice 3

Prerequisite: Admission to the MSN program. Corequisite: NGR 5810. Critique, evaluate, and utilize a wide range of theories from nursing and other sciences. Emphasis is on the synthesis of theories to develop a conceptual framework for the delivery of advanced nursing care.

NGR 5137-Culture & Health in Ireland 3

Prerequisite: Graduate student with 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.

NGR 5141-Advanced Pathophysiology 3

Prerequisite: Admission to MSN program or consent of instructor. Corequisite: NGR 5192. An advanced study of the normal physiologic and pathologic mechanisms of disease over the life span. Clinical application of pathophysiologic disorders will be emphasized.

NGR 5192-Pharmacotherapeutics 3

Prerequisite: Admission to the MSN program or consent of instructor. Corequisite: NGR 5141. Review commonly prescribed drugs including pharmacokinetics, actions, uses, side effects, contraindications, dosage and routes. Special emphasis will be given to developmental considerations, preparing written prescriptions, safety, cost effectiveness, legal requirements and patient education. Students will be prepared to write protocols for prescriptive privileges following Nurse Practice Act guidelines.

NGR 5601C-Advanced Nursing Practice I 3

Prerequisites: NGR 5001C, NGR 5141 and NGR 5192. Pre or corequisite: NGR 5110. Introduction to advanced nursing practice of acute, self-limiting, common health problems of culturally diverse clients across the life span. Emphasis is on pathology, assessment, diagnoses, therapeutic modalities and evaluation related to management of selected acute health problems. *(A laboratory fee of $15 will be assessed.)*

NGR 5770-Clinical Leadership I 2

Prerequisite: Admission to the MSN Clinical Nurse Leader program. This is the first of a series of seminars which examine the role of the clinical nurse leader. The course will include discussions of the various roles involved in interdisciplinary groups in health care and will focus on selected aspects of the clinical nurse leader role. Continuous quality improvement principles will be introduced and related to clinical outcomes management and cost-efficient care. Evidence-based practice will be emphasized within a framework that includes health promotion and disease reduction as well as illness and disease management.

NGR 5810-Nursing Research Methods 3

Prerequisite: Admission to the MSN program. Corequisite: NGR 5110. Identification and formulation of nursing practice problems into a research design. Emphasis on application of scientific knowledge to advanced nursing practice. Preparation of a research proposal (thesis option), or completion of a research utilization exercise (non-thesis option).

NGR 5931-Special Topics in Nursing 3

Post baccalaureate seminar on various topics.

NGR 6010-Technology in Anesthesiology Nursing 1

Prerequisites: Admission to the Nurse Anesthetist program. Use and care of anesthesia equipment (mechanical and electronic) are discussed. Computers and their uses in anesthesiology are also included.

NGR 6011-Chemistry & Physics of Anesthesiology Nursing I 2

Prerequisite: Admission to the Nurse Anesthetist program. Detailed study of the biochemical and physical principles, which apply to physiology, pharmacology, and anesthesia equipment. Emphasis is placed on biochemistry and physics of gases and vapors.

NGR 6012-Chemistry & Physics of Anesthesiology Nursing II 1

Prerequisite: NGR 6011. This course is a continuation of the focus on the biochemical and physical principles required for understanding the mechanisms, actions, equipment, and theories as they apply to anesthesia practice.

NGR 6091-Principles of Anesthesiology Nursing I 2

Prerequisites: Admission to the Nurse Anesthetist program. This course is a broad field orientation to advanced nursing practice. Study of the areas of pre, intra, and post anesthesia planning, monitoring, and record keeping are included.

NGR 6092-Regional Anesthesia 2

Prerequisites: NGR 6091 PRIN ANES NSG-1. This course covers theoretical and clinical aspects of the administration and management of regional anesthesia. Anatomy, physiology, and pharmacology will be studied and applied to the administration of anesthetic blocks.

NGR 6093-Principles of Anesthesiology Nursing II 3

Prerequisites: NGR 6091 Principles of Anesthesiology Nursing I. The course will emphasize the anesthetic management of the pediatric, geriatric, and obstetrical patient. The course will review the specific anesthetic needs for each specialty.

NGR 6094-Principles of Anesthesiology Nursing III 2

Prerequisites: NGR 6093 Principles of Anesthesiology Nursing II. This course covers principles of cardiothoracic anesthesia, preoperative assessment, pre, intra, and postoperative management, extra corporeal circulation, cardiac assist devices, and pharmacological intervention.

NGR 6097-Principles of Anesthesiology Nursing IV 2

Prerequisites: NGR 6094 Principles of Anesthesiology Nursing III. This course covers principles of emergency and trauma management, as well as anesthesia specialty procedures related to orthopedics and neurosurgery.

NGR 6098-Advanced Anesthesiology Nursing Seminar 3

Prerequisite: NGR 6275L. This is an advanced clinical review as presented by the graduate students regarding specific case presentations. The course will serve as a review for the national certification examination.

NGR 6144-Adv Bioscience for Anesthesiology Nursing I 3

Prerequisite: NGR 5141. This is a course in human anatomy, physiology, and pathophysiology to include the effects of anesthesia on the cell, the circulatory system, and the respiratory system.

NGR 6145-Adv Bioscience for Anesthesiology Nursing II 3

Prerequisites: NGR 6144, Advanced Bioscience for Anesthesiology Nursing-I. This is a course in human anatomy, physiology, and pathophysiology to include the effects of endocrine, neurological, orthopedic, excretory, and digestive systems on anesthesia management.

NGR 6173-Pharmacology of Anesthesiology Nursing I 1

Prerequisite: Admission to the Nurse Anesthetist program. This course covers pharmacology of drugs affecting the autonomic nervous system as well as anesthetic agents. Administration and doses of the adjunctive drugs are included.

NGR 6174-Pharmacology of Anesthesiology Nursing II 2

Prerequisite: NGR 6173. This course will cover the uptake, distribution, and biotransformation of anesthetics, including the advanced study of therapy in anesthesia of specialty areas and treatment of complications.

NGR 6270L-Anesthesiology Nursing Practicum I 1

Prerequisites: Admission to the Nurse Anesthetist program. This experience is an introduction to the clinical art and science of anesthesiology nursing. It introduces the clinical component of the anesthesia management techniques. This includes supervised clinical practice.

NGR 6271L-Anesthesiology Nursing Practicum II 3

Prerequisites: NGR 6270L Anesthesiology Nursing Practicum I. This course is the second in an increasingly more

complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

NGR 6272L-Anesthesiology Nursing Practicum III 6

Prerequisites: NGR 6271L Anesthesiology Nursing Practicum II. This course is the third in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

NGR 6273L-Anesthesiology Nursing Practicum IV 8

Prerequisites: NGR 6272L Anesthesiology Nursing Practicum III. This course is the fourth in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

NGR 6274L-Anesthesiology Nursing Practicum V 8

Prerequisites: NGR 6273L Anesthesiology Nursing Practicum IV. This course is the fifth in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

NGR 6275L-Anesthesiology Nursing Practicum VI 8

Prerequisites: NGR 6274L Anesthesiology Nursing Practicum V. This course is the sixth in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

NGR 6276L-Anesthesiology Nursing Practicum VII 8

Prerequisites: NGR 6275L Anesthesiology Nursing Practicum VI. This is the final course in an increasingly more complex seven-course series that includes clinical anesthesia administration under the direct supervision of a CRNA and/or an anesthesiologist instructor.

NGR 6602C-Advanced Nursing Practice II 3

Prerequisite: NGR 5601C. Advanced nursing practice in primary health care with focus on knowledge and skills essential for comprehensive health assessment. Analysis of data, formation of diagnoses, development of therapeutic plans and implementation of preventative care, health promotion and maintenance activities for culturally diverse clients across the lifespan. *(A laboratory fee of $15 will be assessed.)*

NGR 6603C-Advanced Nursing Practice III 6

Prerequisite: NGR 6602C. Advanced nursing practice of women's health including pre- and postnatal care as well as chronic health problems of culturally diverse male and female clients across the lifespan. Emphasis is on care of the pre- and postnatal client and pathology, assessment, diagnoses, therapeutic modalities and evaluation related to long term management of selected chronic health problems. *(A laboratory fee of $15 will be assessed.)*

NGR 6637C-Clinical Nurse Specialist II 3

Prerequisite: NGR 5052C. The focus of this course is on advanced nursing practice in the area of concentration with emphasis on knowledge and skills essential for the design, implementation, and evaluation of educational strategies focused on health promotion and disease prevention. The learner will be involved in health promotion an disease prevention activities for culturally diverse clients.

NGR 6711C-Clinical Nurse Specialist III 3

Prerequisite: NGR 6637C. The focus of this course is on implementation of nursing curricula in class and clinical settings. Strategies for effective course planning, organization, delivery and evaluation of teaching-learning process in nursing education settings will be explored. The learner will be involved in teaching in nursing classroom and clinical settings.

NGR 6726-Quality Management for Advanced Nursing Practice 3

Prerequisites: Admission to DNP program or permission of instructor. The process of quality management in health care as it pertains to chief nurse administrators is analyzed in this course. The focus is continuous quality improvement with emphasis on implementation and evaluation. Differences between quality assurance and quality management will be discussed. Accreditation guidelines will be examined in relation to their impact on health care systems. Evidence-based practices will be reviewed as means for continuous quality management experience.

NGR 6740-Advanced Nursing Practice Role 3

Prerequisites: NGR 5601C, NGR 6603C or effective fall 2005-NGR 6711C. Theoretical basis of the current status of primary care nurse practitioner. Examination of legal, ethical, cultural, social, political and economic problems related to practice. Creative marketing strategies, practice protocols, and job descriptions identified.

NGR 6760-Professional Aspects of Anesthesiology Nursing 1

Prerequisites: Admission to the Nurse Anesthetist program. This course explores: AANA organizational structure, including affiliated councils, codes of ethical conduct, and current issues in anesthesiology nursing.

NGR 6772-Clinical Leadership II 2

Prerequisite: NGR 5770. This is the second of a series of seminars which examine the role of the clinical nurse leader. Discussion of health care systems, health policy, nursing technology, resource management, ethics and global health care will assist the student to understand how health care delivery systems are organized and financed and their effect on patient care outcomes. Through a combination of discussion and observation, participants in this course will have the opportunity to compare and contrast additional aspects of the role of the clinical nurse leader.

NGR 6940C-Clinical Nurse Specialist Education Practicum 4

Prerequisite: effective fall 2005-NGR 6711C. Corequisites: NGR 6740. The focus of this course is the integration of assessment, concentrated clinical knowledge and learning theory in a nursing education environment. The capstone for the course will be the implementation and evaluation of the strategies acquired for practice as a nurse educator.

NGR 6941C-Primary Care Practicum 4

Prerequisites: NGR 5601C and NGR 6602C. Pre- or corequisite: NGR 6603C and NGR 6740. Under faculty

advisement, an independent clinical practicum in primary care is developed to meet individual learning goals. Preparation of learning goals for a selected clinical practice setting with emphasis on case management of a specific client population. Application of knowledge and skills acquired in Advanced Nursing Practice I, II, III in preparation for entrance into practice.

NGR 6942C-Clinical Leadership Residency 9

Prerequisite: NGR 6772. Under faculty advisement, an independent clinical residency in a selected clinical area is developed to meet individual learning goals. This residency will build on all previously learned topics. Preparation of learning objectives for selected clinical practice setting with emphasis on the CNL role and specific client populations. Application and knowledge of skills acquired in a CL I and CL II is required in preparation for entrance into practice. Residents will be assessing/evaluating actual outcomes and making recommendations for change. This course will be graded as pass/fail.

NGR 6970-Nursing Project v. 1-3

Prerequisites: NGR 5001C, NGR 5110, NGR 5141, NGR 5192, NGR 5810. Pre or corequisite: NGR 5601C. Under the direction of faculty, the student will carry out a detailed study of a topic in the field of advanced nursing practice. The student will develop, implement, and/or participate in a designated project. May be repeated for credit. This is a pass/fail course.

NGR 6971-Nursing Thesis v. 1-6

Prerequisites: NGR 5001C, NGR 5110, NGR 5141, NGR 5192, NGR 5810. Pre or corequisite: NGR 5601C. Under the direction of faculty, the student will design and implement a clinical nursing research study. May be repeated for credit. This is a pass/fail course.

NGR 7177-Advanced Bioscience 3

Prerequisite: Admission to DNP program or permission of instructor. This course synthesizes concepts of anatomy, pathophysiology, genetics and therapeutics to present a more complete understanding of disease processes. Emphasis is on disorders of the cardiopulmonary, neuromuscular, respiratory and digestive systems and their application to clinical practice.

NGR 7179-Advanced Pharmacological Management 3

Prerequisites: Admission to DNP program or permission of instructor. The focus of this course is on the clinical application of advanced pharmacology and pharmacotherapeutics across the lifespan. Emphasis is on identification and evaluation of the latest evidence as a basis for pharmacologic management of health and illness in a safe, high quality, cost-effective manner. The principles of altered pharmacodynamics relative to age, race, and ethnic groups are analyzed.

NGR 7796-Practice Management 3

Prerequisites: Admission to DNP program or permission of instructor. The focus of this course is on analysis of factors affecting the development and sustainability of practice settings. Emphasis is on evaluation of variety of business practice models while examining reimbursement, privileging, contracting and human resource management.

NGR 7797-Role Development in Advanced Practice Nursing 3

Prerequisites: Admission to the DNP program or permission of the instructor. In this seminar course issues associated with advanced practice nursing as they develop and implement evidence-based practice are analyzed. The roles as a practitioner, administrator and/or educator are further explored. Emphasis is on developing effective communication and collaborative skills for the development and implementation of inter professional\ teams, practice models, peer review, practice guidelines, health policy, standards of care, and/or scholarly endeavors.

NGR 7850-Evidence Based Practice I 3

Prerequisites: Admission to DNP program or permission of instructor. Corequisites: HSC 6505, HSC 6512. In this course students use analytic methods to critically appraise existing literature and other evidence to determine and implement the best evidence for practice. The student will begin to apply relevant finding to develop and analyze clinical practice guidelines and improve practice and the practice environment. Critical appraisal techniques will be used to review meta-analysis, qualitative metasynthesis, and qualitative secondary analysis to prepare evidence tables. The main outcome of the course is the application of clinical and scientific knowledge to solve a practice problem.

NGR 7851-Evidence Based Practice II 3

Prerequisites: Admission to DNP program or permission of instructor, NGR 7850. This course is a continuation of EBP I in which students develop and test methods to measure outcomes and develop benchmarks. The main outcome of the course is the design of primary research to address factors within the health care system and/or the individual that are associated with evidence-based clinical practice guidelines and quality improvement processes.

NGR 7871-Health Informatics for Advanced Practice 3

Prerequisites: Admission to DNP program or permission of instructor. This course provides students with an overview of informatics and the theoretical foundation for information management within the health care setting. The impact of automated data management through advances in information technology, health care information systems, and tele-health are explored. During the course students explore informatics theory and practices as a foundation for the development of databases for evidence based practices. Related ethical, regulatory, and legal issues are explored.

NGR 7946-Residency in Advanced Nursing Practice v. 3-9

Prerequisites: Admission to DNP program or permission of instructor. This is a clinically based practicum course. Doctoral students will, with advisor approval, construct a learning contract that will detail the acquisition of a new or higher level of, clinical skill for which they were not fully prepared at the master's level. Skills acquisition will be conducted under the direction of a qualified expert preceptor. Upon completion of the course, the student will provide a completed written description of how they achieved the skill(s) identified in the contract. It is expected that clinical logs will document at least 3,000 hours of post master's supervised experience.

NGR 7974-Doctoral Project v. 1-6

Prerequisite: Admission to the DNP program or permission of the instructor. In this course the doctoral student will identify, with advisor approval, a problem or question that requires a change in health care or educational services, clinical practices and/or policies that might be addressed in a particular leadership role. This problem should have relevance to current and emerging health care or educational issues. The result of the project will be a scholarly work, written at a doctoral level of complexity, dealing with the results of the evidence based analysis of the service, practice or policy examined. The analysis will be framed against national benchmarks to determine variances in practice outcomes and population trends. Focus is on dissemination of evaluative outcomes and implications for clinical practice to improve practice or patient outcomes.

PUBLIC HEALTH

DIE 6127-Advanced Administration of Food & Nutrition Services 3

Prerequisite: Undergraduate nutrition degree or equivalent. This course equips graduate students and practicing dietitians with leadership and management skills needed to establish and maintain effective food and nutrition programs in the future. Food service and clinical nutrition management is addressed so students can adapt to a changing health care environment.

DIE 6248-Clinical Nutrition 3

Prerequisites: HSC 4572, MCB 2013C, CHM 2045C. This course is designed to provide the advanced student with knowledge of current relevant research and its application to the clinical setting.

DIE 6940-Clinical Practice in Nutrition & Dietetics 3

This course is designed to provide a supervised clinical experience in dietetics that develops and enhances the entry level competencies in food service, clinical, community, and specialty practice. It may be repeated up to 15 credits.

GEY 6623-Aging & Health Policy 3

This course explores the demographic, cultural, economic, and health factors that drive political decisions about health care for older Americans. This course will be offered as an elective.

HSA 5177-Health Care Finance 3

Corequisite: ACG 2021 or equivalent. This course is designed to provide a foundation in current finance theory with tools needed by health care managers in day-to-day practice. The course finance content encompasses the spectrum of the health care industry and provides financial models used for cost-effective analysis.

HSA 6114-Health Organization/Delivery 3

Examines the organization and administration of the U.S. health care system including its various health care service settings, personnel resources, and sources of system finance.

HSA 6126-Managed Health Care 3

Prerequisites: HSA 5177, HSA 6114. This course provides an in-depth examination of how managed care plans are organized and function and how strategic and operational issues impact on plan performance. Interaction with health plans, provider organizations, and other health industry players in a rapidly changing health care market will also be covered.

HSA 6149-Health Planning & Marketing 3

Prerequisite: Undergraduate marketing course or equivalent. This course examines planning and marketing as related to health care organizations. Emphasis is placed on the planning process and the elements and methods of marketing health care services in relation to the role of the consumer, governing body, administration and health care.

HSA 6178-Advanced Health Care Financial Management 3

Prerequisites: HSA 5177, ACG 6305, FIN 5405. This course examines the concepts and techniques of financial management in health care delivery system settings. Examines organizational cost behavior, budgeting, cost allocation and financial modeling.

HSA 6186-Healthcare Leadership 3

Prerequisites: HSA 6114. This course addresses current leadership theory focusing on leadership styles, motivation, change management, innovation, and creativity as they relate to management of health services organizations. This course will also explore the ethical dilemmas facing health care leaders.

HSA 6188-Capstone: Healthcare Strategic Management 3

Prerequisites: MAN 6204; HSA 6435; HSA 6114; HSA 5177. This "capstone" course is intended to integrate the various disciplines - finance, human resources, law, ethics, policy, operations, research, etc. - into a comprehensive and practical framework. This course will challenge students to put acquired skills, theories and strategies into practice in various segments of the health industry.

HSA 6195-Advanced Health Systems Analysis 3

This course prepares the health care administrator to solve simple and complex problems and to manage the work of technical specialists. Typical decision making and control problems that arise in the health care settings are presented and the quantitative techniques available to address them are described.

HSA 6196-Quantitative Analysis Health 3

Prerequisites: HSA 5177 Health Care Finance. This course covers the financial and statistical techniques used in managerial decision-making in the health care industry. Emphasis will be placed on the analysis of financial data and application of analytical tools in the evaluation of health care programs and organizations.

HSA 6197-Health Systems Analysis 3

This course introduces principles and methods employed in research and program evaluation in the health care field. Emphasis will be placed on analysis of data and application of findings to the health care administrator's decision-making process.

HSA 6198-Health Information Technology 3

This course will examine health care information systems with respect to their composition, role, and development within the health care environment. In addition, the course will discuss methods for evaluating new health information technology for acquisition by health care organizations.

HSA 6225-Long-Term Care Administration 3

This course examines long-term care delivery systems with emphasis placed on issues relating to the delivery of quality health services and effective administration. The impact of increased numbers of elderly, increasingly limited resources, state and federal regulatory guidelines and consumer expectations are examined.

HSA 6342-Healthcare Human Resources 3

This course focuses on the management of people in health care organizations. The course will provide a comprehensive set of managerial tasks and activities designed to develop human resources management (HRM) skills applicable to health services. Aspects of the external environment that affect how people are managed in the health care workplace will also be examined.

HSA 6385-Quality Management in Health Care 3

This course will provide students an opportunity to examine many of the issues related to quality measurement in health care. The course will emphasize individual and group inquiry into various quality measurement programs and will examine the theoretical basis for current quality measurement activity in the health care field.

HSA 6425-Health Law 3

This course is designed to provide students understanding of the legal environment in which health care services are provided and to develop skills in analyzing many of the current legal and ethical issues facing health care practitioners and administrators.

HSA 6435-Health Economics 3

This course examines supply and demand factors, financing of care, efficiency and cost of delivery as related to the health care system. Special attention will be given to physician and hospital reimbursement and behavior, competition and rationing as mechanisms for controlling expenditures.

HSA 6707-Research Methods for Health Administrators 3

Prerequisites: HSA 6197 and HSC 6505. A study of the methods of health research. The course will focus on the analysis of research data and production of a formal report. Emphasis will be placed on the interpretation of data analysis coupled with the literature review for development of recommendations of action.

HSA 6813-Aging Capstone v. 3-6

Prerequisites: HSA 6114, HSA 5177, HSA 6225.
The Aging Capstone is designed to provide students the opportunity to gain practical experience while demonstrating the integration of classroom knowledge and theory in management of aging programs and services within the health care industry. Students will select an internship in an aging services organization or a faculty supervised community-based project. This course is a culminating experience and is taken the last semester of academic enrollment.

HSA 6815-Practicum: Executive Skill Development v. 3-6

Prerequisites: MAN 6204, HSA 6435, HSA 6114, HSA 5177. This course is designed to develop and enhance the skills necessary for success as a health care executive through management practice in health care administration.

HSA 6905-Health Policy 3

Prerequisite: HSA 6114. This course is an introduction to the study of health policy and analysis. The course will focus on several components of health policy, including how policy is developed and how it can be described, analyzed, and evaluated. The main emphasis will be upon providing the tools with which to understand how governmental bodies produce policy in its various forms.

HSA 6908-Directed Independent Study 3

Prerequisites: Permission of supervising faculty and department chair. This course allows the student to complete a specialized study or research project under the direction of program faculty. This course can be repeated once for an additional three credits.

HSA 6945-Long Term Care Internship 6

Prerequisites: HSA 6225 and completion of program requirements for Geriatric Management (MSH) or the MHA program and director approval. The long-term care administration internship provides the student with the opportunity to gain practical experience and integrate classroom knowledge and theory in a skilled nursing facility setting. It is specifically designed to meet the state mandated internship requirements (rule 64B10-16 F.A.C) for admission to the Florida Nursing Home Administrators Licensure Examination.

HSA 6958-Study Abroad: Health Care 3

Prerequisites: Graduate Standing, preference given to BCH students. This course provides the students with the opportunity to study the organization, financing and delivery of health care in other countries. While abroad, students will visit hospitals and health organizations, and meet with local health practitioners as they explore cultural and political issues impacting health care. This course may be repeated once for an additional 3 credits.

HSC 5525-History of Medicine & Disease 3

Development of the modern medical and allied health professions, with special reference to the U.S. from the late 18th through 20th century. Includes social, scientific, and historical factors that determine the nature, extent and definition of disease.

HSC 5569-Aging Research & Theory 3

Provides a theoretical and analytical model for developing an understanding of the relationships between research and practice in the field of aging. Topics explored will include health care, cultural aging, education and economic issues.

HSC 6138-Sexuality Education 3

This course provides an overview of physiological, and sociological aspects of human sexuality throughout the lifespan including gender, family life, relationships, reproduction sexual behavior, STDs/HIV, safer sex, and sexual coercion. Planning, implementing and evaluating community sexuality education programs are included in the course. Policy issues that affect sexuality education are also addressed. Students are required to complete research, writing, and practice assignments related to sexuality education in public health.

HSC 6157-Drug Abuse & Violence Prevention Education 3

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. Students are required to complete research, writing, and practice assignments related to drug abuse and violence prevention education in public health.

HSC 6175-Mental & Emotional Health Education 3

The purpose of this course is to examine educational planning and program implementation involved in facilitating the development and maintenance of mental health. Communication skills effective for the helping professions are addressed. Students are required to complete research, writing, and practice assignments related to mental and emotional health education in public health.

HSC 6215-Environmental Health & Safety 3

A study of the relationships between environmental conditions of human health and safety. Special emphasis will be given to principles, process and priorities and current research in the study of environmental problems.

HSC 6505-Epidemiology & Disease Control 3

A study of the distribution and determinants of health and diseases in man, utilizing basic concepts in clinical medicine, laboratory science, statistical and data handling methods, and pathogenesis of disease. The causes of disease will be examined, leading to the proposal of potentially effective strategies for prevention and control.

HSC 6509-Nutritional Epidemiology 3

Prerequisite: Graduate course in epidemiology (HSC 6505). This course deals with research design issues in nutritional epidemiology and reviews current nutrition epidemiological research related to morbidity and mortality.

HSC 6512-Applied Health Statistics 3

Prerequisite: Undergraduate statistics course or equivalent. This course provides an overview of statistical applications for health care and public health. Emphasis is on common applications used by health care and public health practitioners. Use of computerized statistical packages commonly used by health care and public health care practitioners is an integral part of the course.

HSC 6526-Special Topics: Infectious & Noninfectious Diseases 3

Concepts and characteristics of important infectious and noninfectious diseases to include their biological and behavioral determinants, susceptibility and defense, and current methods in prevention and treatment.

HSC 6560-Aging & Health in a Multicultural Society 3

This course examines the aging process and related health care needs from a multicultural perspective. Students will explore the impact of gender, race, and ethnicity on the aging population and on the development of culturally appropriate health and social services.

HSC 6566-Health Promotion, Disease Prevention & the Older Adult 3

A study of selected biological and psychosocial health problems of older adults and the normal physical changes that occur with the aging process. Attention will be given to the design and maintenance of healthy life styles among the elderly.

HSC 6585-Health Promotion & Health Education Strategies 3

An examination of the implementation, coordination and effectiveness of health promotion and health education strategies and methods.

HSC 6586-Worksite Health Promotion Principles 3

An analysis of the key elements in the development and implementation of workplace health promotion programs and policies.

HSC 6587-Program Planning in Health Promotion/Education 3

An analysis of the essential aspects of planning procedures used in the development of community-based health promotion and health education programs.

HSC 6603-Theory of Health Behavior 3

An exploration of the theoretical and conceptual models and factors underlying public health behavior and health promotion programs and their application in planning, implementing, and evaluating public health programs for behavioral change.

HSC 6635-International Health 3

The purpose of this course is to discuss the status of world health, the progress achieved over the past decade and challenges for the future. The course will address the critical questions of international cooperation and the interaction between social change and health problems.

HSC 6656-Professional Ethics in Health Care 3

An exploration of contemporary ethical issues that face health care providers. Ethical dimensions in death and dying, abortion, AIDS, biomedical research and health care resources are among the topics to be discussed.

HSC 6706-Grantsmanship 3

The course will familiarize participants with the skills required to prepare grant requests and contract proposals for submission to public institutions and private foundations. It will be focused on how to develop an idea that is responsive to the goals and objectives of funding organizations.

HSC 6712-Evaluation of Health Programs 3

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 6716-Health Program Evaluation 3

This course focuses on principles and methods employed in program evaluation and evaluative research. Issues of conceptualization and design in evaluation are emphasized. The course also addresses operational procedures used in evaluation stud-

ies ranging from identification of variables to instrument design and use of findings. The course reviews applications of evaluative research in health services decision making.

HSC 6735-Health Science Research 3

Prerequisite: HSC 6505. A study of the investigative and analytical methods used in health related research. Emphasizes design, sampling techniques, data collection and processing, interpretation of the results and ethics.

HSC 6737-Applied Research in Aging 3

The course includes an examination of the major theoretical and analytical frameworks from the core disciplines (biology, psychology, and sociology) which inform the field of gerontology. Emphasis is on the application of the theoretical contexts to research initiatives and gerontological practice. Students are expected to become familiar with contemporary research on aspects of aging, and they learn to identify and evaluate issues raised by the findings from the field of aging research. In addition, the course examines the connections between theory and age-related issues and problems such as economic inequality, retirement, health care, and aging in families.

HSC 6816-Field Experiences in Health v. 3-6

Prerequisite: Approval of department advisor. The application of methods, techniques and materials used in community and school health. May be repeated up to 18 credits.

HSC 6855-Clinical Internship Health v. 1-9

Prerequisite: Advisor-student conference and completion of major courses. Provides clinical experience in a health care facility or workplace setting.

HSC 6900-Readings & Conference v. 1-3

In-depth readings and group discussions and conferences on selected topics or critical issues in the health science field. Readings will vary each semester but will involve a formal survey of the literature and presentation of findings.

HSC 6906-Independent Study & Research v. 3-9

Prerequisite: Permission of department chair. A specific health related research project conducted under the guidance of a faculty advisor. May be repeated up to 15 credits.

HSC 6912-Projects v. 3-9

Development, implementation, or participation in conducting a designated project related to health science. May be repeated up to 12 credits.

HSC 6928-Workshops in Health Science 3

An in-depth work study approach to selected school and community health problems. May be repeated up to 12 credits.

HSC 6931-Special Topics 3

A detailed study of a topic in the health science field. Topics will vary each time the course is offered and will be based on a current health issue or subject. May be repeated up to 12 credits.

HSC 6934-Seminar v. 1-3

Students will present and attend seminars conducted by faculty and other students. Seminars will focus on faculty and student interests in the health field.

HSC 6970-Thesis v. 3-9

Permission of department chair. Under the direction of the faculty the student designs and presents a field based research project of his or her own conception. May be repeated up to 27 hours maximum.

HUN 5265-Methods of Nutrition Assessment 1

Prerequisites: HSC 4572, BCH 3023C, CHM 1025C. Study of methodology, skills and tools in measurement of the nutritional status of healthy individuals in community, patients in the hospitals, or study subjects are extensively studied. The objectives of nutritional assessment of individuals is defined in prevention of malnutrition and intervention methods used in treatment of nutritional deficiencies.

HUN 5408-Life Span Nutrition 3

Prerequisite: HSC 4572. A scientific, chronological examination of how nutrition influences people throughout their lives. This course covers nutrition and metabolism and biological and biochemical basis of effect of optimal nutrition practices during life span, from pregnancy to the old age. Nutritional requirements of all age groups are discusses. Implication and management of metabolic and eating disorders based on recent research literature is studied.

HUN 6123-Sociolcultural Influences on Nutrition 3

Prerequisites: HSC 4572 and DIE 3213 or permission of instructor. Examination of the non-nutritional factors that influence nutrition. The course will cover evolution of diet, food selection, persistence and change, psycho-social, structural and symbolic aspects of food choices and their relationship to nutrition.

HUN 6285-Nutrition & Metabolism I 3

Prerequisites: HSC 4572 and BCH 3023C. Biochemical function of nutrients, biological variability and adaption, macro-nutrient metabolism, energetics, food thermogenesis, mitochondrial oxidation, production and storage of energy are studied. Carbohydrates, lipids, and proteins, cholesterol, phospholipid, omega-3 fatty acids, prostoglandins, and other recently described essential nutrients are covered.

HUN 6331-Nutrition & Metabolism II 3

Prerequisite: HUN 6285. Biochemical function and metabolism of micronutrients, function and nature of the vitamins, biosynthesis and metabolism of enzymes, vitamins, their regulatory role as coenzyme and essentiality, bioavailability of minerals, and other recently described essential nutrients are covered. Biochemical basis for deficiency and toxicity of micronutrients are explored.

HUN 6522-Advanced Public Health Nutrition 3

Prerequisite: HUN 2201 or equivalent course. Students will describe and critique existing nutrition programs, evaluate the positive and negative impact of public health nutrition initiatives, and examine the role of legislative, political processes and social marketing processes in achieving social nutrition goals.

HUN 6612-Nutrition Education & Counseling 3

Prerequisite: HUN 3601 or undergraduate education foundation or theories course or nutrition counseling course, or approval of instructor. Students will examine different approaches to nutrition education and develop materials and presentations. They will conduct and critique mock

interviewing and counseling sessions to persons with different nutrition needs and evaluate follow-up and evaluation techniques.

PHC 5370-Biological Foundations of Public Health 3

Prerequisite: An undergraduate human biology course or Anatomy and Physiology I and II or consent of instructor. This course describes the biological determinants of health and disease required to formulate an integrated approach to public health. Principles of genetics, physiology, molecular and cellular biology, pathology, immunology and toxicology as they apply to diseases of public health importance and their control strategies are taught. Examples of the application of biological knowledge to public health problems will also be presented, and emerging biological information and technologies likely to be applicable to public health will be discussed.

PHC 6103-Public Health Practice 3

This public health core course provides an overview of the three fundamental areas in public health practice including assessment, policy development and assurance. Purpose and examples of each area are examined within the context of an operating county level public health department.

PHC 6152-Public Health Policy Development 3

Prerequisite: PHC 6103. This course examines responsibilities and action surrounding the development of public health policy as well as the social, economic and political environments in which such policy is formulated.

PHC 6412-Culture & Health 3

A study of the cultural aspects of disease and health, culturally specific definitions, educational strategies and cross-cultural research in health. An emphasis will be placed on integrating cultural knowledge in the planning and administration of health care programs.

PHC 6450-Community Organization in Public Health Practice 3

Prerequisite: PHC 6103 and HSC 6603. This course presents selected social and behavioral change theories and the translation of these theories into specific health education policies and interventions. Readings and discussions will center on the development of theory-based strategies with an emphasis on control, participation an empowerment. Principles of citizen participation and empowerment are highlighted. Effectiveness of coalition and partnership models, including media advocacy and marketing strategies are reviewed. Case examples of health programs designed to address community health issues and social inequalities add to the analysis process.

PHC 6503-Public Health Assessment 3

Prerequisite: PHC 6103. This course examines public health responsibilities as well as methods and actions dealing with the collection, assembly and analysis of information on the health of the community. Statistics on health status and community health needs will be taught.

PHC 6525-Advanced Concepts of Nutrition & Health 3

Prerequisites: HSC 4572, BCH 3023C, CHM 1025C. An analysis of current research on nutritional concerns relevant to public health practice. Included are nutrition policy and nutrition program design, community food and nutrition programs, and advanced strategies of nutrition education.

PHC 6581-Public Health Assurance 3

Prerequisite: PHC 6103. This course examines responsibilities of public health agencies for ensuring that programmatic activities necessary to effect agreed upon goals are being provided. The course uses case studies to aid in identifying the public health basis for assurance activities as well as strategies for implementation and evaluation.

PHC 6940-Public Health Capstone v. 3-6

Prerequisite: Completion of all required MPH courses and permission of the capstone instructor to be given no later than one month prior to the start of the semester preceding course registration. This 6 credit course may be taken in one semester of over two consecutive semesters of 3 credits each. This course consists of two major components: (1) A planned, supervised 300 hour practice experience with an approved public health organization; and (2) The comprehensive examination. During the practice experience students will apply the knowledge and skills learned in MPH core and specialization courses to actual public health problems. The comprehensive examination will assess students' proficiency in the concepts and skills learned in MPH core and specialization courses. Students must complete both components successfully in order to pass the course. This course is graded on a pass/fail basis.

RCS 5031-Introduction to Rehabilitation Counseling 3

The purpose of this course is to introduce the field of rehabilitation counseling at the graduate level of study. Designed as a foundation for subsequent study in rehabilitation, students in this course should develop an appreciation and understanding of the rehabilitation profession in terms of its history, purpose, philosophy, process, personnel, programs, resources and clients.

RCS 5080-Medical Aspects of Disability 3

The purpose of this course is to help students gain skills in vocational rehabilitation counseling with a working knowledge of disabilities. To do this each student needs medical information for specific purposes: (1) case finding; (2) determination of client eligibility and feasibility; (3) arranging physical restoration services; (4) counseling, planning, and developing vocational objectives; (5) training; and (6) selective job placement.

RCS 5108-Pre-Practicum in Rehabilitation Counseling 3

This course is designed to introduce students to, and facilitate their development of basic counseling skills in rehabilitation counseling. This course also provides students with an overview of the primary ethical and administrative considerations of the rehabilitation counseling environments.

RCS 5220-Rehabilation Client Assessment 3

The focus of this class will be on the process of assessing individuals with physical, sensory, cognitive, and/or emotional disabilities in order to determine optimally effective rehabilitation plan and placement decisions. The course will include an introduction to the purpose, personnel, philosophy, and role of assessment in rehabilitation service delivery, learning to complete assessment interviews, developing individualized evaluation plans, psychometric procedures, work sampling, situational assessment, communicating assessment results and rehabilitation planning. *(A material fee of $15 will be assessed.)*

RCS 5243-Assessment & Treatment of Addictive Disorders 3

Prerequisite: RCS 5450. In this course, we will explore many of the issues related to addiction and its related dysfunction including, but not limited to: (1) the dynamics of compulsive behavior; (2) biological, personality, and environmental influences on addiction; (3) multiple family and gender issues related to addiction; (4) assessment of addiction; and (5) exploration and evaluation of treatment models.

RCS 5450-Introduction to Addictive/Compuslive Disorders: Pharmacological Overview & Etiological Theories 3

The purpose of this course is to provide students with an overview of the dynamics of substance abuse in contemporary U.S. society. The class will include both didactic and experiential activities designed to help students expand the knowledge of substance abuse and theories of addiction, and also the impact it has had on their lives.

RCS 6241-Psychosocial Aspects of Rehab 3

The purpose of this course is to introduce students to the complexity of psychological and sociological issues that result from chronic illness and disability. Issues of diversity will also be explored from a multicultural dimension.

RCS 6250-Dual Diagnosis-Addictive Disorders and/or Psychopathological Disorders 3

Prerequisites: RCS 5450 and RCS 5243. The purpose of this course is to introduce students to the complexity of dual diagnosis of addiction and other forms of psychopathology as defined in the Diagnostic and Statistical Manual (DSM-IV), and to help students determine diagnostic criteria.

RCS 6320-Vocation Development & Placement 3

The focus of this course is integration of the rehabilitation client into the labor market. Career theory will be taught, but the major emphasis will be providing information to clients about the labor market through labor market, industry, and job analysis and preparing the client for work through job readiness, job-seeking skills, and techniques and issues in job placement.

RCS 6407-Counseling, Development, Theories & Techniques in Rehabilitation 3

This course provides students with an overview of the counseling and human development knowledge domains underlying rehabilitation counseling. These domains, which include human development theories, personal adjustment counseling, career counseling, multicultural counseling, family counseling, and consultation, are presented within the framework of the major theoretical approaches to counseling that relate specifically to people with disabilities. Basic techniques and selected professional issues related to rehabilitation counseling are presented.

RCS 6500-Introduction to Group Counseling 3

Prerequisite: MHS 6006. This is a course designed to provide students with an overview of the basic theoretical components of small groups and group theories and to foster increased skill level in communication, facilitation, and leadership. To this end, the course will include lecture, discussion, and laboratory experience.

RCS 6642-Case Management Rehabilitation 3

This course provides an overview of the case management process, including service coordination, community resources, and specialized services for different populations with disabilities. Case management practices and procedures in both private and public rehabilitation programs are addressed.

RCS 6805-Field Practicum in Rehabilitation Counseling 3

The purpose of the clinical practice program is to provide students majoring in rehabilitation counseling with an opportunity to develop and refine their counseling skills within the functional milieu of a rehabilitation agency.

RCS 6825-Internship in Rehabilitation Counseling v. 6-12

Take for 6 or 12 hours per semester, with a total of 12 hours necessary. The purpose of this class is to provide students with a clinical experience in a community rehabilitation agency. Students will learn to apply rehabilitation counseling and case management methods, techniques, and vocational knowledge in working with clients, and to consult with rehabilitation professionals as needed to enhance services to clients for the purpose of job development and placement, and/or independent living. Grading is on Pass/Fail bases.

RCS 6845-Clinical Supervision in Rehabilitation Counseling 3

Prerequisite: RCS 6825. The purpose of this course is to introduce advanced rehabilitation counseling students to models of counseling supervision so that they understand the necessary dynamics and protocol of professional clinical supervision of students, which most will be called upon to do once they are practicing professionals.

RCS 6930-Seminar: Rehabilitation Certification 1

This course is designed to give the student an opportunity to prepare for the Rehabilitation Counseling Certification Examination.

RCS 6931-Seminar in Substance Abuse & Clinical Management 3

Prerequisites: RCS 5450 and RCS 5243. Addiction is a phenomenon that is both complex and fascinating. In this course, through review and critique of current and "classic" addiction literature, information sharing, and observation, students will explore many of the issues related to substance abuse, specifically as they relate to a full spectrum of diversity and ethical issues.

Coggin College of Business

Dean's Office

John P. McAllister, Ph.D., CPA, Dean
(904) 620-2590; jmcallis@unf.edu
Bobby E. Waldrup, Ph.D., Associate Dean
(904) 620-2590; bwaldrup@unf.edu
Paul A. Fadil, Ph.D., Director, MBA Program
(904) 620-2575; pfadil@unf.edu
Cheryl S. Campbell, MBA, Director, Student Services
(904) 620-2575; ccampbel@unf.edu
Ron Davis, MBA, CPA, Director, Finance
(904) 620-1515; rdavis@unf.edu
Shannon Italia, BBA, Director, Career Management Center, Coggin College
(904) 620-2067; sitalia@unf.edu
Anne Law Sheridan, M.Ed., Director, Study Abroad
(904) 620-1290; anne.sheridan@unf.edu

www.unf.edu/coggin/grad_programs/index.html

Coggin College of Business

Master of Accountancy
Master of Business Administration

Ronald J. Adams, Ph.D., Professor
H. Eugene Baker III, Ph.D., Professor
Thomas L. Barton, Ph.D., CPA, Professor & Kathryn and Richard Kip Professor of Accounting
Homer L. Bates, Ph.D., CPA, Professor
Tim Bell, Ph.D., CPA, Coggin Professor of Accounting
Charles H. Calhoun, Ph.D., CPA, Professor & Chair
B. Jay Coleman, Ph.D., Professor, Richard Kip Professor of Operations Management & Quantitative Methods
Adel I. El-Ansary, Ph.D., Professor & Chair
Bruce Fortado, Ph.D., Professor
C. Bruce Kavan, Ph.D., Professor & Chair, Bank of America Professor of Information Technology
Reinhold Lamb, Ph.D., Professor & Smith Professor of Finance
John B. MacArthur, Ph.D., FCCA, Professor & Kathryn and Richard Kip Professor of Accounting
Paul M. Mason, Ph.D., Professor & Chair
John P. McAllister, Ph.D., CPA, Professor of Accounting & Dean
Jeffrey E. Michelman, Ph.D., CPA, CMA, Professor
Steven K. Paulson, Ph.D., Professor, Blanche and Luther Coggin Professor of Management
A. Coskun Samli, Ph.D., Research Professor
Jeffrey W. Steagall, Ph.D., Professor, Richard de Raismes Kip Professor of International Business, & Director, International Business Flagship Program
Robert Frankel, Ph.D., Professor & Kip Professor of Marketing/Logistics
M. Reza Vaghefi, Ph.D., Professor
Cheryl A. Van Deusen, Ph.D., CHA, CHE, Professor
Louis A. Woods, Ph.D., Professor
Parvez Ahmed, Ph.D., Associate Professor
Mina N. Baliamoune-Lutz, Ph.D., Associate Professor
Yemisi A Bolumole, Ph.D., CNM, Associate Professor
Sharon C. Cobb, Ph.D., Associate Professor
Paul A. Fadil, Ph.D., Associate Professor, Management & Director, MBA Program
Cheryl J. Frohlich, Ph.D., Associate Professor
Andrés Alberto Gallo, Ph.D., Associate Professor
David G. Jaeger, JD, Associate Professor
John E. McEldowney, DBA, CPA, CIA, Associate Professor
Dag Näslund, Ph.D., Associate Professor
Crystal L. Owen, Ph.D., Associate Professor

Sidney B. Rosenberg, Ph.D., Associate Professor & William F. Sheffield Professor of Real Estate
Oliver Schnusenberg, Ph.D., Associate Professor
Robert W. Schupp, JD, Associate Professor
Harriet A. Stranahan, Ph.D., Associate Professor
Bobby Waldrup, Ph.D., Associate Professor & Associate Dean
Steven A. Williamson, DBA, Associate Professor & Director, PAPER Institute & Institute of Management Development & Organizational Quality
John Adams, Ph.D., Assistant Professor
Lian An, Ph.D., Assistant Professor
Mary Beal, Ph.D., Visiting Assistant Professor
David Cantor, Ph.D., Assistant Professor
Youngtae Choi, Ph.D., Assistant Professor
Lynn Comer-Jones, Ph.D., CPA, Assistant Professor
Pieter de Jong, Ph.D., Assistant Professor
Reham Eltantawy, Ph.D., Assistant Professor
Saurabh Gupta, Ph.D., Assistant Professor
Christopher Johnson, Ph.D., Assistant Professor
Rahul W. Kale, Ph.D., Assistant Professor
Chung-Ping Loh, Ph.D., Assistant Professor
Antony Paulraj, DBA, Assistant Professor
Rujikorn "Robert" Pavasuthipaisit, Ph.D., Assistant Professor

Mission

To educate and develop business professionals through rigorous, relevant accredited degree programs offered by 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 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, and 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.

Accreditation

The Coggin College of Business is fully accredited at both the undergraduate and the 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. AACSB is the premier accrediting agency for business schools internationally with only 551 business schools and only 167 accounting programs holding this distinction.

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 will receive access to all of the WSJ's online editions (e.g., European, Asian), as well as Barron's online and the WSJ Employment Edition. Additional information is available at www.unf.edu/coggin/wsj.htm.

Admission to Programs

Students desiring to enter the Master of Business Administration or Master of Accountancy programs must satisfy both general University admissions criteria and the specific criteria established by the Coggin College of Business. The College also has two certificate programs in e-Business and International Business. Students may participate in both programs as part of their graduate programs or as a separate experience. Only fully admitted graduate students may enroll in any graduate business course.

Admission to the MBA and MAcc programs require all of the following

1. a minimum 20 verbal and 22 quantitative score on the Graduate Management Admission Test (GMAT) and
2. a minimum 1050 score based upon the formula (200 x upper-level GPA) plus the GMAT total score.
3. a minimum GMAT score of 500 for the MAcc program and the MBA program.
4. a U.S. bachelor's degree must be from a regionally accredited university or an equivalent foreign degree.

Note: All applicants for admission must have completed the GMAT unless they possess an M.D. or Ph.D. degree.

Note: All MBA and MACC applications, test scores, transcripts, and supporting documents should be sent directly to the Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224. Admission to the GlobalMBA program requires a minimum GMAT score of 500.

Transfer of Graduate Credits from another College or University

A maximum of 12 credit hours of 6000 level course work may be transferred in from another college or university. These credits must be from an AACSB accredited school or an appropriately accredited international college or university. The student must provide a syllabus from each class he or she requests to transfer. Only courses completed within seven years of completion of the UNF graduate degree program may transfer toward that program. A "B" or better grade is required to transfer a course.

Coggin College of Business Graduate Programs Probation/Suspension Policy

If a graduate student's current term or total institution GPA drops below 3.0, the student will be placed on probation. Probationary status will remain in effect until both of the student's GPAs become 3.0 or higher.

If both the current term and total institution GPA fall below 3.0 during the next term of enrollment, the student will be suspended.

Students with a total institution GPA below 3.0 may not enroll in Advanced 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 courses 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). Students wishing to be readmitted to the Coggin College after a third suspension must reapply through the UNF admissions process.

One cannot take MAN 6726 (Advanced Business Policy) if on probation.

Required GPA

Students graduating with a graduate degree or graduate certificate from the Coggin College of Business must have a minimum of 3.0 GPA in all course work taken at the graduate level. All students are required to have a minimum 3.0 GPA prior to enrolling in MAN 6726 Advanced Business Policy.

Foundation Requirements

The business graduate foundation requirements consist of a set of subjects considered by the graduate faculty as required for regular graduate study in the MBA or MAcc degrees.

The foundation requirements include: Foundations of Marketing and Management, Law and the Business Environment, Economic Analysis, and Financial Analysis. These foundation requirements are prerequisites for registration in advanced graduate courses. A student with satisfactory academic experience in the foundation subjects need not take Foundation Requirements at UNF. A student whose educational experience does not include specific Foundation Requirements will be required to take appropriate foundation courses at UNF.

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 (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)

Students may choose to study at one or more of these institutions for a semester. At some institutions, students may take courses in English; at others, students must be fluent in a foreign language to attend. Students participating in these exchanges sign up for UNF courses and pay their usual tuition to UNF. Credits earned count in the student's degree program at UNF. Graduate students are reminded, however, that they must complete 24 hours of graduate-level classes on the UNF campus to receive a UNF graduate degree.

The Coggin College of Business also offers short-term, faculty-led study abroad courses for credit. Typically, the College offers at least one such course during spring break and several such courses during each summer. 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 social and political leaders.

An MBA student may use a maximum of ONE short-term study abroad course in his/her program where permitted.

In some degree programs, students may also be eligible to complete internships abroad for course credit.

Detailed information about exchange and study abroad opportunities is available through the *Study Abroad* links at www.unf.edu/coggin/intlbus/.

Coggin College Policy on Use of International Academic Experiences in Graduate Programs of Study

Definitions: The Coggin College of Business allows its students to use in their programs of study 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 course that focuses on business issues.
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.
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.

Use of International Experience Credits in Program of Study by Graduate Students: In all cases, the student and his/her advisor must agree in writing regarding how exchange credits will be used *before* the student begins the study abroad or exchange experience.

Directed Independent Studies

The intent of a Directed Independent Study is to allow a student to pursue a selected topic in greater depth under the direction of a Coggin College of Business graduate faculty member. Required and regularly offered courses usually involve classroom interaction and normally are not available as directed independent studies. Not more than three credit hours of directed independent studies may be counted toward graduation requirements. All directed independent studies require prior approval by the instructor and the graduate program director.

The Master of Business Administration Degree Program

The mission of the Master of Business Administration is to prepare students for positions of organizational leadership. The curriculum focuses on developing a general management perspective and in-depth knowledge of the various skills required to manage effectively in a rapidly changing and increasingly technical and global environment. This mission recognizes the need for graduates to demonstrate understanding of:

- how to construct and articulate one's point of view, and solicit that of others
- the increasingly technical, global, and ethically complex environment
- all major organizational functions and their interrelationships
- how to evaluate, develop, allocate, and manage an organization's resources
- how to improve organizational processes and decisions
- how to lead, collaborate, and apply knowledge in new, uncertain, and dynamic environments.

Students in the MBA degree program may choose one of the following concentrations:

- Accounting
- E-Commerce
- Economics
- Finance
- Construction Management
- Human Resource Management
- International Business
- Logistics
- Management Applications

Major: General Business
Concentration: General Business
Degree: Master of Business Administration

Prerequisites (12 credits)

Students must complete program pre-requisites before enrolling in 6000-level coursework

BUL 3130	3	Legal Environment of Business
ECO 5115	3	Introduction Economic Analysis
FIN 5405	3	Essentials of Managerial Finance
MAN 5036	3	Fundamental Mgmt/Marketing

Major Requirements (36 credits)

This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses

All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**

ACG 6305	3	Management Accounting
ECO 6415	3	Making Decisions With Data
ECP 6705	3	Economics of Business Decision
MAN 6204	3	Organizational Theory

MBA Group 2 courses

All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired)

FIN 6406	3	Advanced Financial Management
ISM 6021	3	Mgmt Information Technology
MAR 6805	3	Marketing Strategy

MBA Group 3 courses

Both courses in group 3 are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.

MAN 6501 3 Modeling/Management Operations
MAN 6726 3 Advanced Business Policy

Electives (9 credits)

MBA students may use a maximum of one Study Abroad at the 6000 - level in their program.

Select 3 courses

6000 level with the listed Prefix:
ACG/BUL/ECO/ECP/FIN/GEB/GEO/ISM/MAN/MAR/QMB/REE/TAX/TRA

Major: General Business
Concentration: Accounting
Degree: Master of Business Administration

Prerequisites (12 credits)

Students must complete program pre-requisites before enrolling in 6000-level coursework.

BUL 3130 3 Legal Environment Of Business
ECO 5115 3 Introduction Economic Analysis
FIN 5405 3 Essentials Of Managerial Finan
MAN 5036 3 Fundamental Mgmt/Marketing

Major Requirements (36 credits)

This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses

All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**

ACG 6305 3 Management Accounting
ECO 6415 3 Making Decisions With Data
ECP 6705 3 Economics Of Business Decision
MAN 6204 3 Organizational Theory

MBA Group 2 courses

All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).

FIN 6406 3 Advanced Financial Management
ISM 6021 3 Mgmt Information Technology
MAR 6805 3 Marketing Strategy

MBA Group 3 courses

Both courses in group three are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.

MAN 6501 3 Modeling/Management Operations
MAN 6726 3 Advanced Business Policy

Concentration Requirements (9 credits)

Student must make a "B"or better in all concentration classes. All students that concentrate in accounting must substitute ACG 6309 for ACG 6305 and should substitute ACG 6405 for ISM 6021

Select Option 1

(for students with an undergraduate degree in accounting) ACG 6805, ACG 6645, and one 6000 level - ACG or TAX. Excluding TAX 6726 and ACG 6305

Select Option 2

**(if a student has an undergraduate degree other than accounting) **ACG 6805, TAX 6105, and ACG 6645. (Prerequisites will be enforced.)

Major: General Business
Concentration: Construction Management
Master of Business Administration

Prerequisites (12 credits)

Students must complete program pre-requisites before enrolling in 6000-level coursework.

BUL 3130 3 Legal Environment Of Business
ECO 5115 3 Introduction Economic Analysis
FIN 5405 3 Essentials Of Managerial Finance
MAN 5036 3 Fundamental Mgmt/Marketing

Major Requirements (36 credits)

This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses

All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**

ACG 6305 3 Management Accounting
ECO 6415 3 Making Decisions With Data
ECP 6705 3 Economics Of Business Decision
MAN 6204 3 Organizational Theory

MBA Group 2 courses

All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).

FIN 6406 3 Advanced Financial Management
ISM 6021 3 Mgmt Information Technology
MAR 6805 3 Marketing Strategy

MBA Group 3 courses

Both courses in group three are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.

MAN 6501 3 Modeling/Management Operations
MAN 6726 3 Advanced Business Policy

Concentration Requirements (9 credits)

Students must make a "B" or better in all concentration classes.

BCN 6595 3 Environmental Issue Land/Const
BCN 6728 3 Constr Planning/Scheduling
BCN 6748 3 Construction Law

Major: General Business
Concentration: Economics and Geography
Degree: Master of Business Administration

Prerequisites (12 credits)
Students must complete program pre-requisites before enrolling in 6000-level coursework.

BUL 3130	3	Legal Environment Of Business
ECO 5115	3	Introduction Economic Analysis
FIN 5405	3	Essentials Of Managerial Finan
MAN 5036	3	Fundamental Mgmt/Marketing

Major Requirements (36 credits)
This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses
All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**

ACG 6305	3	Management Accounting
ECO 6415	3	Making Decisions With Data
ECP 6705	3	Economics Of Business Decision
MAN 6204	3	Organizational Theory

MBA Group 2 courses
All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).

FIN 6406	3	Advanced Financial Management
ISM 6021	3	Mgmt Information Technology
MAR6805	3	Marketing Strategy

MBA Group 3 courses
Both courses in group 3 are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.

MAN 6501	3	Modeling/Management Operations
MAN 6726	3	Advanced Business Policy

Concentration Requirements (9 credits)
Students must make a "B" or better in all concentration classes. Choose Three of the following
ECO/ECP/GEO at 6000-Level

Major: General Business
Concentration: E-commerce
Degree: Master of Business Administration

Prerequisites (12 credits)
Students must complete program pre-requisites before enrolling in 6000-level coursework.

BUL 3130	3	Legal Environment Of Business
ECO 5115	3	Introduction Economic Analysis
FIN 5405	3	Essentials Of Managerial Finance
MAN 5036	3	Fundamental Mgmt/Marketing

Major Requirements (36 credits)
This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses
All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**

ACG 6305	3	Management Accounting
ECO 6415	3	Making Decisions With Data
ECP 6705	3	Economics Of Business Decision
MAN 6204	3	Organizational Theory

MBA Group 2 courses
All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).

FIN 6406	3	Advanced Financial Management
ISM 6021	3	Mgmt Information Technology
MAR 6805	3	Marketing Strategy

MBA Group 3 courses
Both courses in group 3 are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.

MAN 6501	3	Modeling/Management Operations
MAN 6726	3	Advanced Business Policy

Concentration Requirements (9 credits)
Students must make a "B" or better in all concentration classes.

MAN 6785	3	E-Business Strategy

Select two of the following
MAR 6726, TRA 6157, MAN 6875, MAN 6026, MAN 6959, MAR 6959
If a Study Abroad Course is chosen, it must have a substantial E-Commerce orientation. Requires pre-approval.

Major: General Business
Concentration: Finance Concentration
Degree: Master of Business Administration

Prerequisites (12 credits)
Students must complete program pre-requisites before enrolling in 6000-level coursework.

BUL 3130	3	Legal Environment Of Business
ECO 5115	3	Introduction Economic Analysis
FIN 5405	3	Essentials Of Managerial Finance
MAN 5036	3	Fundamental Mgmt/Marketing

Major Requirements (36 credits)
This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses
All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**

ACG 6305 3 Management Accounting
ECO 6415 3 Making Decisions With Data
ECP 6705 3 Economics Of Business Decision
MAN 6204 3 Organizational Theory

MBA Group 2 courses
All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).
FIN 6406 3 Advanced Financial Management
ISM 6021 3 Mgmt Information Technology
MAR 6805 3 Marketing Strategy

MBA Group 3 courses
Both courses in group 3 are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.
MAN 6501 3 Modeling/Management Operations
MAN 6726 3 Advanced Business Policy

Concentration Requirements (9 credits)
Student must make a "B" or better in all concentration classes.
Select two courses from:
FIN 6314, FIN 6516, FIN 6605, FIN 6906, FIN 6936, FIN 6565, REE 6146, REE 6906, FIN 6957
Select one course 6000-LEVEL
ACG/BUL/ECO/ECP/FIN/GEB/ISM/MAN/QMB/MAR/REE/TAX/TRA

Major: General Business Concentration: HRM Concentration Degree: Master of Business Administration

Prerequisites (12 credits)
Students must complete program pre-requisites before enrolling in 6000-level coursework.
BUL 3130 3 Legal Environment Of Business
ECO 5115 3 Introduction Economic Analysis
FIN 5405 3 Essentials Of Managerial Finance
MAN 5036 3 Fundamental Mgmt/Marketing

Major Requirements (36 credits)
This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses
All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**
ACG 6305 3 Management Accounting
ECO 6415 3 Making Decisions With Data
ECP 6705 3 Economics Of Business Decision
MAN 6204 3 Organizational Theory

MBA Group 2 courses
All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).
FIN 6406 3 Advanced Financial Management
ISM 6021 3 Mgmt Information Technology
MAR 6805 3 Marketing Strategy

MBA Group 3 courses
Both courses in group 3 are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.
MAN 6501 3 Modeling/Management Operations
MAN 6726 3 Advanced Business Policy

Human Resource Management (9 credits)
Students must make a "B" or better in all concentration classes.
MAN 6305 3 Human Resource Management
MAN 6315 3 Advanced Human Resource Mgmt
MAN 6411 3 Labor Relatns/Collect Bargain

Major: General Business Concentration: International Business Degree: Master of Business Administration

Prerequisites (12 credits)
Students must complete program pre-requisites before enrolling in 6000-level coursework.
BUL 3130 3 Legal Environment Of Business
ECO 5115 3 Introduction Economic Analysis
FIN 5405 3 Essentials of Managerial Finan
MAN 5036 3 Fundamental Mgmt/Marketing

Major Requirements (36 credits)
This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses
All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**
ACG 6305 3 Management Accounting
ECO 6415 3 Making Decisions With Data
ECP 6705 3 Economics Of Business Decision
MAN 6204 3 Organizational Theory

MBA Group 2 courses
All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).
FIN 6406 3 Advanced Financial Management
ISM 6021 3 Mgmt Information Technology
MAR 6805 3 Marketing Strategy

MBA Group 3 courses
Both courses in group 3 are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.

MAN 6501	3	Modeling/Management Operations
MAN 6726	3	Advanced Business Policy

Concentration Requirements (9 credits)
Students must make a "B" or better in all concentration classes.
Choose Two of the following
MAN 6606, MAN 6931, MAR 6157, FIN 6605
Select One of the following
BUL 6850, ECO 6705, MAN 6067, TRA 6725, GEO 6506, TAX6505, ACG 6957, ECO 6959, FIN 6958, GEB 6959, MAN 6959, MAR 6958, TRA 6959

Major: General Business
Concentration: Logistics
Degree: Master of Business Administration

Prerequisites (12 credits)
Students must complete program pre-requisites before enrolling in 6000-level coursework.

BUL 3130	3	Legal Environment Of Business
ECO 5115	3	Introduction Economic Analysis
FIN 5405	3	Essentials Of Managerial Finan
MAN 5036	3	Fundamental Mgmt/Marketing

Major Requirements (36 credits)
This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses
All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**

ACG 6305	3	Management Accounting
ECO 6415	3	Making Decisions With Data
ECP 6705	3	Economics Of Business Decision
MAN 6204	3	Organizational Theory

MBA Group 2 courses
All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).

FIN 6406	3	Advanced Financial Management
ISM 6021	3	Mgmt Information Technology
MAR 6805	3	Marketing Strateg

MBA Group 3 courses
Both courses in group 3 are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.

MAN 6501	3	Modeling/Management Operations
MAN 6726	3	Advanced Business Policy

Concentration Requirements (9 credits)
Students must make a "B" or better in all concentration classes.

MAN 6559	3	Quantitative Mgmt Analysis (MAN6559 was formerly QMB6603)
TRA 6157	3	E-Supply Chain Management
TRA 6216	3	Strategic Logistics Management

Major: General Business
Concentration: Management Applications
Degree: Master of Business Administration

Prerequisites (12 credits)
Students must complete program pre-requisites before enrolling in 6000-level coursework.

BUL 3130	3	Legal Environment Of Business
ECO 5115	3	Introduction Economic Analysis
FIN 5405	3	Essentials Of Managerial Finance
MAN 5036	3	Fundamental Mgmt/Marketing

Major Requirements (36 credits)
This program requires 36 credit hours of 6000-level courses. A 3.0 GPA is required.

MBA Group 1 courses
All four courses in Group 1 are required. **Accounting majors must substitute ACG 6309 for ACG 6305.**

ACG 6305	3	Management Accounting
ECO 6415	3	Making Decisions With Data
ECP 6705	3	Economics Of Business Decision
MAN 6204	3	Organizational Theory

MBA Group 2 courses
All three courses in group 2 are required. **Accounting majors should substitute ACG 6405 for ISM 6021 (if CPA credit is desired).

FIN 6406	3	Advanced Financial Management
ISM 6021	3	Mgmt Information Technology
MAR 6805	3	Marketing Strategy

MBA Group 3 courses
Both courses in group 3 are required. MAN 6726 is a permission only course and must be taken in your final semester. Students must have a 3.0 graduate level GPA before enrolling in MAN 6726.

MAN 6501	3	Modeling/Management Operations
MAN 6726	3	Advanced Business Policy

Concentration Requirements (9 credits)
Students must make a "B" or better in all concentration classes.
Select Option 1
Three courses at the 6000 level - MAN or QMB (any combination)
Select Option 2
Three courses TRA 6157 or TRA 6216 and any two MAN or QMB at 6000 - Level

The Master of Accountancy Degree Program

The Accounting degree programs are separately accredited by The International Association for Management Education (AACSB). In accounting, fewer than 170 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 highly in terms of the percentage of first-time candidates without advanced degrees passing all sections of the examination. The objectives of the MAcc program are:

1. To attract and retain students from diverse backgrounds with appropriate accounting undergraduate backgrounds and the abilities necessary for graduate study and subsequent success in the accounting profession.
2. To provide an opportunity to pursue concentrations in financial accounting or taxation.
3. To enhance the 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.
4. To explore contemporary issues relevant to the professional accounting and taxation environment.
5. To provide the additional education necessary for the successful completion of professional examinations in accounting and taxation.
6. To encourage students to become active in professional organizations in accounting and taxation.
7. To maintain an AACSB accredited MAcc program.
8. To prepare students to enter quality doctoral programs.
9. To provide internship and field experience opportunities to students.
10. To provide students the opportunity to work with faculty on research projects.
11. To provide students opportunities for international travel and study.

The increasingly complex nature of the accounting and controllership functions, as well as the growing responsibilities of the accountant, makes graduate study desirable. The Coggin College of Business provides a professionally oriented Master of Accountancy degree which enables career advancement in the accounting profession and the additional accounting coursework necessary to take the uniform CPA examination under Florida's accountancy law. The objective of the curriculum leading to the Master of Accountancy (MAcc) degree is to provide the necessary advanced study for those seeking careers in professional accounting as controllers and accounting executives in industry and government, or as independent certified public accountants.

The MAcc program at UNF places utmost importance on reflecting accounting as a modern profession, and the accountant as a modern professional. Emphasis is given to how accountants relate theory to current problems, and how accountants communicate such information to the various users of accounting data.

The program is designed to allow those who possess a recent baccalaureate degree from an AACSB accredited college, with an accounting major or its equivalent, to complete the MAcc in three to four semesters. Those who possess a baccalaureate degree in business administration or in some other discipline will be required to take foundation courses and undergraduate accounting courses to remove any deficiencies.

Major: Accounting
Concentration: Accounting
Degree: Master of Accountancy

Prerequisites **(27 credits)**

(non-business majors) 27 hours of business subjects are required with a grade of 'C" or better. Students who have completed their bachelor's degree in business will normally have completed these courses. All prerequisites must be completed before enrolling in 6000-level coursework.

ACG 2021	3	Prin of Financial Accounting (or substitute both ACG 2001 & ACG 2011 for ACG 2021)
ACG 2071	3	Prin Managerial Accounting
BUL 3130	3	Legal Environment of Business
ECO 5115	3	Introduction Economic Analysis (or substitute both ECO 2013 & ECO 2023 for ECO 5115)
FIN 5405	3	Essentials of Managerial Finan
MAN 3025	3	Administrative Management
MAN 4720	3	Strategic Mgmt Business Pol

You must apply on-line at unf.edu/coggin in order to get permission to register for this course.

MAR 3023	3	Principles Of Marketing
STA 2023	3	G(M) Elem Statistics-Business

Foundation **(21 credits)**

(non-accounting majors) 21 hours in accounting are required with a grade of "C" or better.

ACG 3103	3	Intermediate Accounting I
ACG 3113	3	Intermediate Accounting II
ACG 3123	3	Intermediate Accounting III
ACG 4361	3	Cost Accounting
ACG 4401	3	Accounting Information Systems
ACG 4651	3	Auditing
TAX 3001	3	Federal Income Tax

Major Requirements **(33 credits)**

This program requires 33 hours of 6000-level courses. A minimum of 24 hours must be earned at UNF. Students

seeking a second masters degree must complete at least 24 credit hours of new coursework at UNF. A 3.0 GPA is required.

Core Requirement-MACC (21 credits)
are required. Most ACG and TAX courses are only offered once a year.

ACG 6309	3	Advanced Man Accounting Theory
ACG 6405	3	Advanced Account Info Systems
ACG 6645	3	Auditing Theory
ACG 6805	3	Advanced Accounting Theory
ECO 6415	3	Making Decisions With Data
FIN 6406	3	Advanced Financial Management
TAX 6105	3	Taxation In Business Corp

Major Electives-MACC
At least six hours must be in ACG or TAX courses.
Choose Three courses (9 credit hours) at the 6000 level
ACG/FIN/REE/TAX

Business Elective-MACC
Select One course (3 credit hours)
6000 LEVEL non-Accounting BUL/ECO/ECP/FIN/GEB/ISM/MAN/MAR/QMB/REE/TRA

Major: Accounting
Concentration: Taxation Concentration
Degree: Master of Accountancy

Prerequisites (27 credits)
(non-business majors) 27 hours of business subjects are required with a grade of "C" or better. Students who have completed their bachelor's degree in business will normally have completed these courses. All prerequisites must be completed before enrolling in 6000-level coursework.

ACG 2021	3	Prin of Financial Accounting (or substitute both ACG 2001 & ACG 2011 for ACG 2021)
ACG 2071	3	Prin Managerial Accounting
BUL3130	3	Legal Environment of Business
ECO 5115	3	Introduction Economic Analysis (or substitute both ECO 2013 & ECO 2023 for ECO 5115)
FIN5 405	3	Essentials of Managerial Finance
MAN 3025	3	Administrative Management
MAN 4720	3	Strategic Mgmt Business Policy

You must apply on-line at unf.edu/coggin in order to get permission to register for this course.

MAR 3023	3	Principles of Marketing
STA 2023	3	G(M) Elem Statistics-Business

Foundation (21 credits)
(non-accounting majors) 21 hours in accounting are required with a grade of "C" or better.

ACG 3103	3	Intermediate Accounting I
ACG 3113	3	Intermediate Accounting II
ACG 3123	3	Intermediate Accounting III
ACG 4361	3	Cost Accounting
ACG 4401	3	Accounting Information Systems
ACG 4651	3	Auditing
TAX 3001	3	Federal Income Tax

Major Requirements (33 credits)
This program requires 33 hours of 6000-level courses. A minimum of 24 hours must be earned at UNF. Students seeking a second masters degree must complete at least 24 credit hours of new coursework at UNF. A 3.0 GPA is required.

Core Requirements
Tax 24 credit hours are required. Most ACG and TAX courses are offered only once per year.

ACG 6309	3	Advanced Man Accounting Theory
ACG 6405	3	Advanced Account Info Systems
ACG 6645	3	Auditing Theory
ACG 6805	3	Advanced Accounting Theory
ECO 6415	3	Making Decisions With Data
FIN 6406	3	Advanced Financial Management
TAX 6045	3	Tax Research And Writing
TAX 6105	3	Taxation In Business Corp

Major Electives-Tax
Select Three TAX courses 6000 level. Excluding TAX 6726, TAX 6045, or TAX 6105. (Tax courses are normally offered only once per year)

Major: General Business
Concentration: GlobalMBA
Degree: Master of Business Administration

All students must be fully admitted into the GlobalMBA. Students must earn a "C" or higher in all courses. Students must meet the thesis requirement in order to complete this program.

Semester in Germany (18 credits)
Cologne University of Applied Sciences - Cologne, Germany

ACG 6305	International Mgmt Accounting
ECO 6101	Business Strategy/Game Theory
ECP 6705	Global Economic/Thesis Seminar
MAN 6101	Intercultural Communication
MAN 6102	Applied Intercultural Communication
MAN 6111	Business Environment

Semester in Poland (21 credits)
Warsaw University - Warsaw, Poland

FIN 6404	Advanced Financial Mgmt
ISM 6021	Mgmt Information Systems
MAN 6202	Applied Intercultural Communication
MAN 6204	Organizational Theory
MAN 6211	Business Environment
MAN 6601	International Management
MAR 6158	International Marketing

Semester in China **(9 credits)**

Dongbei University of Finance & Economics - Dalian, China

FIN 6605	International Finance
MAN 6302	Applied Intercultural Communication
MAN 6311	Business Environment

Semester at UNF **(15 credits)**

University of North Florida - Jacksonville, Florida

ECO 6415	3	Making Decisions With Data
MAN 6501	3	Modeling/Management Operations
MAN 6656	3	Bus Environment US
MAN 6666	3	App Intcltrl Comm US
MAN 6726	3	Advanced Business Policy

Certificate in e-Business (CeB)

The Certificate in e-Business (CeB) was created to provide graduate students in business with a solid foundation in both the theory and strategy of a variety of e-Business issues. The purpose of the program is to provide student participants the requisite management skills for the new e-conomy. As organizations compete more aggressively for e-Business savvy managers, there are significant career opportunities for those individuals skilled in this dynamic and evolving business practice. E-Business is big business, whether you're talking about an early stage startup, a multinational corporation or anything in between. These activities represent a significant and escalating area of organizational spending. Despite the magnitude and importance of this business practice, practitioners frequently express dissatisfaction with the process, outcomes and the availability of individuals who are prepared to manage in this arena. Thus, the purpose of this certificate is to prepare our graduates as future e-conomy participants to capitalize on this swiftly moving business model by offering a hybrid of cross-functional, Internet enhanced classroom learning experiences designed to provide exposure to the most important drivers of this emerging field.

Major: E-Business Certificate
Degree: Post-Baccalaureate Certificate

Certificate Requirements **(15 credits)**

In order to receive the Certificate in E-Business, students must have an average GPA in certificate courses of 3.0 or better and no grade below a "C".

MAN 6026	3	Project Management
MAN 6785	3	E-Business Strategy
MAN 6875	3	Entrepreneur/Venture Capital
MAR 6726	3	Marketing On Internet: Strateg
TRA 6157	3	E-Supply Chain Management

International Business Certificate (IBC)

The International Business Certificate (IBC) provides graduate students in business with a solid foundation in both the theory and practice of international business. Because of the nature of international, as opposed to domestic U.S. business, the IBC emphasizes cultural, geographic, information technology and legal issues, as well as those in the more traditional disciplines of economics, marketing, management, logistics, and finance. The IBC consists of fifteen credit hours of integrated coursework. Required courses constitute twelve credit hours. Each student also selects three credits of electives. A study tour that provides students with a two-week faculty-supervised international experience is included as a highly-recommended elective. During a study tour, students and faculty members travel abroad to learn first-hand about the culture and people of that country. Study tours also include several in-firm visits, allowing students to investigate the differences between American and foreign business practices.

Major: International Business Certificate
Degree: Post-Baccalaureate Certificate

Certificate Requirements **(15 credits)**

In order to receive the certificate in International Business, students must have an average GPA in Certificate courses of 3.0 or better and no grade below a "C".

FIN 6605	3	International Finance
MAN 6606	3	Cultural Environ/Global Bus
MAN 6635	3	Managing Multinational Corps
MAR 6157	3	Import-Export Marketing

Select one-3 credit course from below

BUL 6850, ECO 6705, GEO 6506, MAN 6067, TRA 6725, TAX 6505, ECO 6957, ACG 6957, FIN 6957, GEB 6957, MAN 6957, MAR 6957, TAX 6957, or TRA 6957

Who should take the certificate programs?

Any graduate or post-graduate business student wanting to update their skills by learning about these new and important business models. Additionally, any current graduate student seeking a practical elective in their MBA program might want to select courses from among the e-Business and international business certificate program offerings. Each of the e-Business and international classes will count as a MBA elective. In addition, those graduates or post-graduates holding technical degrees might want to further develop their own career options with an e-Business and/or international business certificate and perhaps ultimately the MBA.

Osprey Financial Group (OFG)

Osprey Financial Group is comprised of undergraduate and graduate students who invest a portion of the assets of the UNF Foundation in a diversified, actively managed portfolio of equity and fixed income securities. The principal is from a gift to the Foundation from Jody and Layton Smith expressly for the purpose of enabling

a special group of students to manage a $500,000 portion of the endowment. Due to the success of OFG's investment decisions, the original half-million dollar gift has grown to well over $750,000.

The course is organized like a professionally managed fund and students are assigned officer positions and sector responsibilities. The assets managed by OFG are invested in securities that comply with the guidelines for equity and fixed income securities contained in the University of North Florida Foundation, Inc. Statement of Investment Policies and Objectives. Within those parameters, each edition of OFG has the flexibility to establish an investment philosophy involving market capitalization, sector weights, and value and growth components. Quarterly Reports of performance are prepared and presented to the UNF Investment Committee.

OFG is a two-semester sequence of courses providing a maximum of six credits. Rather than enrolling in the course, however, students are required to apply. A maximum of 12 students is selected and they will comprise the class for both semesters. Eligible undergraduate students are majors in either finance or financial services. Eligible graduate students are enrolled in the MBA program and possess experience in personal or professional investing.

Coggin College of Business Course Descriptions

ACCOUNTING & FINANCE

ACG 6305-Management Accounting 3

Prerequisite: FIN 5405 or equivalent with "C" or better. A study of the basic cost flows through an organization; the accounting systems that are used to capture the cost data and the managerial uses of the cost data in routine and non-routine decision-making situations. This course may not be used to satisfy CPA requirements in Florida and should not be taken by MBA students who were undergraduate accounting majors.

ACG 6309-Advanced Managerial Accounting Theory 3

Prerequisite: ACG 4361 with a "C" or better or ACG 6305 with a "C" or better. An examination of the development of managerial accounting, and contemporary managerial accounting issues with emphasis upon the underlying theories and objectives of managerial accounting as it relates to the management decision process. Recommended for MBA students who were undergraduate accounting majors.

ACG 6405-Advanced Accounting Information Systems 3

Prerequisite: ACG 4401 or equivalent with "C" or better. This course presents objective user analysis of information systems and their role in providing accounting information for planning, operations control, and managerial/financial control. In this course, emphasis is placed on developing a conceptual framework for applying information technology to the functional areas of business.

ACG 6505-Not-For-Profit Accounting 3

Prerequisite: ACG 6305 or equivalent with a grade of "B" or better. A study of how current methods of accounting for not-for-profit entities involved, and a critical review of contemporary issues concerning changes to existing not-for-profit accounting methods.

ACG 6645-Auditing Theory 3

Prerequisites: ACG 4651 or equivalent with "C" or better. An examination of the theoretical framework of auditing with emphasis upon the development and analysis of the philosophy and methodology of auditing. Ethical and legal considerations of auditing will receive special attention.

ACG 6805-Advanced Accounting Theory 3

Prerequisite: Undergraduate accounting degree or equivalent. An examination of contemporary accounting issues with special emphasis upon the underlying theories, controversies, and objectives of asset valuation and income determination.

ACG 6838-Accounting Fraud 3

Prerequisite: ACG 3103 with "C" or better or consent of instructor. This course involves an examination of the constructs of fraud in contemporary business organizations with particular attention to historical cases and contemporary regulatory, economic, political and social influences. The analysis will examine the impact of fraud on both for-profit and nonprofit organizations.

ACG 6905-Advanced Studies in Accounting v. 1-3

Special studies undertaken independently under the supervision of an accounting department faculty member. Student must have the faculty supervisor and department chairperson's approval of special study prior to enrollment. May be repeated with a change in content up to a maximum of six credits.

ACG 6936-Special Topics: Accounting v. 1-3

Prerequisites: ACG 6305 with a "C" or better and permission of advisor and department chairperson. Study of special topics not offered in other departmental courses. May be repeated with a change in content up to a maximum of six credits.

ACG 6957-Study Abroad Accounting v. 1-9

Prerequisite: Graduate standing in College of Business Administration and permission of the instructor. Corequisite: ACG 6305 or equivalent. Students will study of a country's business practices, with a particular emphasis on accounting. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip work.

FIN 5405-Essentials of Managerial Finance 3

This is an introductory course for non-business undergraduate majors in both the principles of financial accounting and in the principles and techniques applicable to financial management. This course is intended for MBA candidates who have not had undergraduate or equivalent foundation work in accounting and financial management.

FIN 6314-Banking and Financial Administration 3

Prerequisite: FIN 6406. Structure of banking and other financial institutions; organization and administration of commercial banks and other financial institutions.

FIN 6406-Advanced Financial Management 3

Prerequisite: All required 5000 level foundation courses. Corequisite: ECO 6415. An examination of theory and practice in financial management. Case analysis is used as a focus for class discussion.

FIN 6515-Investments 3

Prerequisite: FIN 6406. Investment analysis, elements of the investment process, and criteria for investment decisions.

FIN 6565-Student Managed Investment Fund I 3

Prerequisite: FIN 6406. This is the first in a sequence of two courses in which students perform the activities of managing a real portfolio of securities. The course is designed to operate

like a typical professionally managed fund. Analyst teams are formed and officer positions are assigned. Students establish the criteria for selecting securities, research the prospective investments, generate reports, and make decisions to buy or sell securities. Students accepted into this course must continue to Student Managed Investment Fund II during the next semester.

FIN 6566-Student Managed Investment Fund II 3

Prerequisite: FIN 6565. This is the second course in the Student Managed Investment Fund sequence and continues where Student Managed Investment Fund I left off. Students continue to evaluate securities and manage the portfolio; however, more attention is directed at beginning to position the fund for the idle summer months by identifying core holdings. The final project is the preparation of the Annual Report summarizing the performance of the fund during the fall and spring semesters.

FIN 6605-International Finance 3

Prerequisite: FIN 6406. A comprehensive survey of international finance. The course provides a basic understanding of the forces that affect the relative values of currencies, the financial problems associated with international trade, international capital markets and international institutions. Case studies will be used to illustrate specific situations.

FIN 6906-Special Work in Finance v. 1-3

Prerequisite: FIN 6406. Selected problem or project of interest to the student. May be repeated with a change in content up to a maximum of six credits.

FIN 6936-Special Topics in Finance v. 1-3

Prerequisites: FIN 6406 and permission of advisor and department chairperson. Study of special topics not offered in other departmental courses. May be repeated with a change in content up to a maximum of six credits.

FIN 6957-Study Abroad in Finance v. 1-9

Prerequisites: FIN 5405 or equivalent and permission of the instructor. Students will conduct advanced study of a country's business practices, with a particular emphasis on finance. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip assignments.

REE 6146-Real Property Analysis 3

Prerequisite: FIN 5405. A study of the decision-making process of real property asset management. Private and public issues regarding the housing, real property, and business environment are included in the study. Topics concerning the legal issues, valuation, financing and investment in real estate are discussed.

REE 6906-Directed Individual Study v. 1-3

Prerequisite: Consent of instructor. Investigation of selected problems and topics of current and permanent import in real estate and urban land economics. May be repeated with a change in content up to a maximum of six credits.

TAX 6045-Tax Research & Writing 3

Prerequisite: TAX 3011 and ACG 4361 or equivalent each with a grade of "C" or better. This course is designed to familiarize students with the various sources of federal tax law and to enable students to analyze tax problems and to prepare tax briefs and memoranda to support their positions.

TAX 6105-Taxation of Business Corporations 3

Prerequisite: TAX 3001 and ACG 4361 or equivalent each with a grade of "C" or better. An examination of federal tax problems of business corporations. In particular, problems relative to formation, liquidation, and sale of assets and enterprises will be considered.

TAX 6206-Income Tax: Partners 3

Prerequisite: TAX 3001 with a "C" or better. An examination of federal tax problems of partners and partnerships. Special problems related to formation and liquidation will be studied.

TAX 6405-Federal Taxation Gifts/Estates 3

Prerequisite: TAX 3001 with a "C" or better. An examination of the federal tax laws covering gifts and estates.

TAX 6415-Income Tax of Estates/Trusts 3

Prerequisite: TAX 3001 with a "C" or better. The study of income tax problems associated with estate and trust planning.

TAX 6505-International Taxation 3

Prerequisite: TAX 3011 with a "C" or better or TAX 6105 with a "C" or better. Survey of the "source rules"; withholding tax issues; controlled foreign corporations; Subpart F and IRC n956 income; the foreign tax credit regime; utilization of tax treaties and executive agreements in tax planning; and transfer pricing rules. In addition, there will be a brief focus on foreign tax regimes as they affect the local activities of U.S. taxpayers.

TAX 6726-Tax Planning & Principles 3

Prerequisite: ACG 2021 or equivalent with a "C" or better. A course designed to acquaint the student with current federal tax law and philosophy. It will focus on the non-specialist who is interested in acquiring knowledge of tax planning and current tax problems and policy. This course cannot be taken for credit by the MACC students.

TAX 6905-Advanced Studies in Taxation v. 1-3

Prerequisites: TAX 6105 with "C" or better and permission of the instructor and department chairperson. This course involves special studies undertaken independently under the supervision of an accounting department faculty member. The course may be repeated with a change in content up to a maximum of six credits.

TAX 6957-Study Abroad in Taxation v. 1-9

Prerequisite: Graduate standing in the Coggin College of Business and permission of the instructor. Co-requisite: ACG 6305 or equivalent. In this course students will study a country's business practices, with a particular emphasis on taxation. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S.

and business in that country; and learn about the current issues facing that nation. The course will have three phase : pre-trip preparation and orientation, foreign travel, and post-trip work.

ECONOMICS & GEOGRAPHY

ECO 5115-Introduction Economic Analysis 3

Introduction to key analytical tools of macroeconomics and microeconomics. Application of economic analysis to current policy issues. Normally offered each term.

ECO 6257-Economic Policy 3

Prerequisite: ECO 5115 or equivalent. Development and application of macroeconomic analysis to public policy decision-making. Emphasis on current policy issues such as inflation and unemployment, income policies, and economic planning. Normally offered spring term of even-numbered years.

ECO 6415-Making Decisions with Data 3

Prerequisite: Graduate standing in the Coggin College of Business. This course teaches students to utilize data to make business decisions properly and efficiently. Students use both spreadsheets and statistical software to enter, summarize, graph, and analyze data, applying the results to a variety of real business problems. The course will normally be offered each term.

ECO 6705-The Global Economy 3

Prerequisite: ECO 5115 or equivalent. The course provides the theoretical background for studying international trade and the international monetary system. Practical issues of interest to the business student, such as tariffs, import quotas, and the balance of payment, are also discussed. Normally offered fall term of odd-numbered years.

ECO 6708-Economics of Global Trading 1.5

Prerequisite: Graduate standing in the Coggin College of Business. This course affords students the opportunity to analyze and understand the economic issues affecting importing and exporting. Students will examine U.S. trade patterns at the local, state, and national levels and will learn about analogous patterns in other nations. They will also learn about the various types of trade barriers employed worldwide, as well as the databases and resources available for researching these regulations. They will analyze critically the case for free trade and the arguments against it, how to conduct trade with a particular country or trading bloc, and the role of the various international economic organizations.

ECO 6906-Directed Individual Studies v. 1-3

Prerequisite: Consent of department chair. Study of special topics under the guidance of faculty members. May be repeated with change of content up to a maximum of six credits.

ECO 6930-Special Topics in Economics 3

Prerequisites: Graduate standing in the Coggin College of Business and permission of instructor. This course encompasses special topics in economics not normally offered by the department. It may be repeated with a change in content up to a maximum of nine credits.

ECO 6957-Study Abroad in Economics v. 1-9

Prerequisites: Graduate standing in the Coggin College of Business and permission of the instructor. Students will conduct advanced study of a country's business practices, with a particular emphasis on economics. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip assignments.

ECP 6205-Human Resource Economics 3

Elective course for graduate students. Analysis of labor in the marketplace. Wage determination, labor organizations, manpower problems, collective bargaining, and the impact of labor on public welfare. Normally offered fall term of even-numbered years.

ECP 6705-Economics of Business Decisions 3

Prerequisite: ECO 5115 or equivalent. Study of the application of economic theory to decision-making in business. Normally offered each term.

GEO 6506-Economic Geography & Geographical Information Systems 3

Prerequisites: Admission to the MBA program. This course will familiarize students with the major geographic features of the modern business world. The geo-economic evolution of the global trading environment will be analyzed and tools of spatial analysis using GIS technology will be introduced.

GEO 6906-Dis in Economic Geography v. 1-3

Prerequisites: Consent of department chair. Study of special topics under the guidance of faculty members. May be repeated with a change of content up to a maximum of six credits.

GEO 6936-Special Topics in Economic Geography 3

Prerequisite: Admission to the MBA program. The study of advanced Geographic Information Systems.

GEO 6956-Study Abroad in Geography v. 1-9

Prerequisite: Graduate standing in CCB. Students will participate in advanced study of a country's business practices, drawing upon analysis of economic geography, culture, and political economy.

MANAGEMENT

BUL 5810-Law & Business Environment 3

Prerequisite: MBA classification. Analysis of the legal and social environment in which businesses operate. Also considers business ethics, international law and the social political environment in which a business operates.

BUL 6840-Employment Law 3

A study of the laws that affect employment. The major emphasis is on federal law such as those covering equal opportunity and affirmative action, OSHA, and ERISA, but there is also concern with significant Florida law affecting employees and the employment function.

BUL 6850-Legal Aspects of International Business 3

Prerequisite: BUL 3130 or equivalent. An examination of the legal problems that arise in commercial transactions and relations involving business organizations across national boundaries.

BUL 6890-Special Topics in Law 3

Prerequisite: Permission of instructor. Analysis and discussion of advanced problem areas in law. Credit for this course must be approved by student's major department or program director. May be repeated for six credits with change in course content.

BUL 6904-Direct Individual Study/Business Law v. 1-3

Prerequisites: BUL 3130 or equivalent and approval of department chair, director of graduate program and faculty supervisor. The course allows graduate students to investigate selected topics in business law. May be repeated with a change in content up to a maximum of six credits.

GEB 6125-Advanced Small Business Consulting 3

Prerequisite: Twenty-five credits in graduate business administration or permission of instructor. Practicum in providing assistance to small businesses.

GEB 6957-Study Abroad in Business v. 1-9

Prerequisites: Graduate standing in the Coggin College of Business and permission of the instructor. Students will conduct advanced study of a country's business practices. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip assignments.

ISM 6021-Management of Information Technology 3

Prerequisites: MAN 3025 and CGS 1100 or equivalents. A study of MIS with emphasis on the design, analysis, operation and control of information systems as an aid to managerial decision-making.

MAN 5036-Fundamentals of Management & Marketing 3

Prerequisite: Graduate standing. This course is a foundation course in management and marketing for students beginning their graduate study in business. It is intended for students who did not study business at the baccalaureate level.

MAN 5936-Sem: Studies Economic/Business v. 1-3

Study of interdisciplinary problems related to economics and business administration.

MAN 6026-Project Management 3

Prerequisite: ISM 6021. This course deals with the acquisition of knowledge, skills, tools, and techniques to activities in business functional areas in order to meet the requirements of the particular project. The course involves an exploration of the project leader role, understanding the concepts of project management and techniques for controlling and optimizing the project process.

MAN 6056-Cornerstones of Managing for Value 3

Prerequisites: Foundation courses or undergraduate equivalent. Introductory M.B.A. course which examines the history and philosophy of business, including ethics, the concept of value-based management, TQM, functional integration, team building, information sources, information technology, international aspects of business.

MAN 6067-Global Business Ethics 3

Prerequisite: Graduate standing in the Coggin College of Business. Principles of ethics are applied to international business activity, the economic system of the United States and the business firm. Topics are examined from the perspective of the expatriate manager, the strategic decision-maker, stakeholder groups and non-U.S. as well as U.S. business organizations.

MAN 6204-Organizational Theory 3

Prerequisite: MAN 3025 or equivalent. A systematic approach to the design of structural components of organization for the purpose of increasing efficiency and effectiveness. Emphasis on internal and external determinants of structure and on the impact of structure on behavior in the organization.

MAN 6225-Organizational Measurement & Analysis 3

Prerequisite: MAN 3025 or equivalent and elementary statistics. Advanced applications of the scientific method to organizational management; review of the scientific methods in business; measurement in organizational research including instrumentation, collection, reliability and validity assessment; analysis of organizational data for managerial effectiveness; application.

MAN 6305-Human Resource Management 3

Prerequisite: MAN 3025 or equivalent. This course focuses on an in-depth analysis of the major functions of Human Resource Management. Topics include the contexts of human resource management, staffing, employee development, compensation, and governance.

MAN 6331-Compensation Management 3

Prerequisite: MAN 4301 or equivalent. In-depth analysis and application of compensation planning, the determination of internal consistency, external competitiveness and individual equity, benefits, management and legal compliance. Student consulting teams will each develop a company's total compensation system and make seminar presentations of their program.

MAN 6411-Labor Relations & Collective Bargaining 3

Prerequisite: MAN 3025 or equivalent. Problems in collective bargaining and managing personnel who work under a collectively bargained labor agreement. Designed for the MBA student who intends to manage workers in accordance with a collectively bargained labor contract.

MAN 6445-Advanced Topics in Negotiations 3

Prerequisite: MAN 3025 or equivalent. 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 stressed.

MAN 6501-Modeling & Management of Operations 3

Prerequisite: ECO 6415. This course discusses planning and control of producing and distributing goods and services.

Emphasis is placed on reducing costs while maintaining or increasing output, quality, and customer service. It includes an introduction to optimization and simulation techniques that are useful for addressing problems in production and distribution, as well as problems in finance, marketing, and other areas of management.

MAN 6525-Process Management & Quality Improvements 3

Prerequisite: MAN 6501. This course examines how organizations can develop and leverage excellence in, and excellence through, continuously improving process performance and quality. The course examines and analyzes various process management techniques and quality improvement initiatives (e.g. six sigma and lean) and how both manufacturing and service firms can translate these activities into value and competitive advantage. The course is recommended for students from all functional areas of business and particularly those interested in a career in management, supply chain management and management consulting.

MAN 6559-Quantitative Management Analysis 3

This course covers management science models and their applications to management decisions.

MAN 6601-International Management 3

A basic course in international business management. The course will focus on the international managerial variables that affect and influence strategic and operational decision and the conduct of business in the international environment.

MAN 6606-Cultural Environment of Global Business 3

Prerequisite: MAN 5036 or equivalent, and graduate standing in the Coggin College of Business. This course focuses on the primary cause of international business operations failures: cultural clashes. It analyzes the cultural perspectives that generate such problems and focuses on their proactive solutions.

MAN 6626-Global Human Resource Management 3

This course will explore issues in global human resource management. First, it examines the multinational context and the consequences of international growth on human resource management. Second, it reviews different types of international (expatriate) assignments, and the tools and techniques vital to supporting these expatriate managers. Some of these human resource processes that impact expatriates include: recruitment and selection; training and development; and compensation. The final part of the course will focus on global issues directly pertaining to international human resource management. Some of these issues include: subsidiary management; industrial relations; and performance management.

MAN 6635-Managing Multinational Corporations 3

Prerequisite: MAN 5036 or equivalent, and graduate standing in the Coggin College of Business. This course considers the management problems inherent in multinational corporations, as contrasted with those faced by managers of firms with purely domestic operations. Several dimensions, including organizational structure, performance measurement and control, and economic issues are covered. Methodologies for determining whether and how to evaluate and select locations for MNC investment and trade are also provided.

MAN 6656-Business Environment: U.S. 3

Prerequisite: Enrollment in the GlobalMBA program or permission of instructor. This course examines the business environment in the United States, with particular emphasis on inter-country differences relative to Germany, Poland, and China. Students will learn about historical, political, social, environmental and economic factors that influence the business environment in the U.S. Particular attention will be paid to the changing relative economic power of the US resulting from globalization forces. The course requires participation in several full-day visits to companies, as well as regular classroom instruction.

MAN 6666-Applied Intercultural Communication: U.S. 3

Prerequisite: Graduate standing in the Coggin College of Business. This course investigates the link between American culture and American business practices, focusing on communication issues. Foundations of American culture and business culture are explored. Case studies are used to illustrate cultural difficulties faced by American firms doing business with foreign firms.

MAN 6667-Business Environment: Asia 3

Prerequisite: Graduate standing in the Coggin College of Business. This course examines the business environment in Asia, with particular emphasis on the inter-country differences within Asia. Students will learn about historical, political, social environmental and economic factors that influence the business environment in Asia. Particular attention will be paid to the changing relative power of Asian nations individually, as well as Asia as a bloc.

MAN 6668-Applied Intercultural Communication: Asia 3

Prerequisites: Graduate standing in the Coggin College of Business. This course investigates the link between Asian cultures and Asian business practices, focusing on communication issues. Foundations of Asian cultures and business culture are explored. Differences between Asian countries and cultures will be studied. Case studies are used to illustrate cultural difficulties faced by Asian firms of various nations doing business with foreign firms.

MAN 6675-International Business 3

An in-depth analysis of international business concepts and investment strategies, product life cycles hypothesis and the role of multinationals in technology transfer; intensive investigation of global market integration as well as regional markets; north-south trade and development conferences and trade implications for U.S. economy; extensive use of cases in above topics.

MAN 6726-Advanced Business Policy 3

Prerequisites: Twenty credits in graduate business administration which must include FIN 6406 and MAR 6805. An analysis of how the various parts of the enterprise are integrated to meet objectives.

MAN 6785-E-Business Strategy 3

Prerequisite: ISM 6021 or permission of instructor. This course encompasses the study of current management issues associated with electronic commerce strategies.

MAN 6875-Entrepreneur/Venture Capital 3

Prerequisite: Permission of instructor. This course focuses on the entrepreneurial aspects of small business development and funding.

MAN 6905-Directed Individual Study in Management v. 1-3

Prerequisite: MAN 3025 or equivalent. Allows the M.B.A. student to investigate selected management topics, especially those of local or regional interest. May be repeated with a change in content up to a maximum of six credits.

MAN 6931-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 a change in content up to a maximum of six credits.

MAN 6957-Study Abroad in Management v. 1-9

Prerequisites: Graduate standing in the Coggin College of Business and permission of the instructor. Students will conduct advanced study of a country's business practices, with a particular emphasis on management. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip assignments.

MARKETING & LOGISTICS

MAR 6157-Import-Export Marketing 3

Prerequisite: MAN 5036 or equivalent, and graduate standing in the Coggin College of Business. This course examines macro and micro marketing issues relating to home, host, and international environments, structures, institutions and organizations, strategies, policies, and procedures pertinent to the export-import of goods and services. Course modules include conducting a new-country market feasibility study, developing and maintaining international inter-firm linkages, produce mix, value pricing, promotion, and other marketing communication mix strategies.

MAR 6158-International Marketing 3

Prerequisite: MAR 6805. In-depth study and analysis of the role of marketing in international trade. Attention is also focused on the functions of multinational marketing and the construction of a multinational marketing strategy.

MAR 6206-Marketing Channel Systems 3

Prerequisite: MAR 6805. An investigation into the nature and role of marketing channels and intermediaries. Major marketing strategy problems such as designing channel objectives and constraints, distinguishing major channel alternatives, and motivating, evaluating and controlling channel members will be analyzed. An elective in the MBA program.

MAR 6726-Marketing on Internet: Strategies & Programs 3

Prerequisite: MAR 6805 or permission of the instructor. This course encompasses the formulation and implementation of an e-strategy and related strategic marketing plan for a product/service offering on the Internet including the development of a related company Web site.

MAR 6805-Marketing Strategy 3

Prerequisites: Graduate standing and MAN 5036 or MAR 3023. This course includes a study of the development and implementation of marketing strategy to provide for superior customer, value, satisfaction, and loyalty. Topics include mission/vision development, environmental scanning, SWOT analysis, marketing goals and objectives, and segmentation, targeting, differentiation, positioning and growth strategies. Emphasis is placed on relationship building, globalization, internal marketing, quality management, and entrepreneurship. Case studies will be emphasized.

MAR 6816-Strategic Marketing Planning 3

Prerequisite: MAR 6805. The long range study of changes in business unit markets which create threats to and opportunities in markets for an organization. Methods for evaluating change and integrating strategic decisions into operating plans are analyzed.

MAR 6916-Directed Individual Study v. 1-3

Prerequisite: MAR 6805. Allows the student to investigate special marketing topics, especially those of local and regional interest. May be repeated up to six credits with different course content.

MAR 6933-Special Topics in Marketing v. 1-3

Prerequisite: Permission of instructor. Analysis and discussion of advanced problem areas in marketing. May be repeated up to six credits.

MAR 6957-Study Abroad in Marketing v. 1-9

Prerequisites: Graduate standing in the Coggin College of Business and permission of the instructor. Students will conduct advanced study of a country's business practices, with a particular emphasis on marketing. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip assignments.

TRA 5223-Production, Marketing, Logistics Management 3

Prerequisite: Graduate standing. Analysis of the production, marketing and logistics functions.

TRA 6157-E-Supply Chain Management 3

Prerequisites: MAN 6501 and ISM 6021, or permission of instructor. This course covers the integration, operations, management and strategic implications of electronic supply chain management for manufacturing and service firms. Emphasis is placed on the processes spanning multiple firms within the supply chain from source to end-customer.

TRA 6216-Strategic Logistics Management 3

Prerequisites: TRA 5223 or equivalents. Study of a total system approach to managing all activities involved in moving

material, products, services and information from point of origin to point of use. Emphasis is placed on customer service as a means of gaining a competitive advantage.

TRA 6725-International Logistics 3

Prerequisite: Graduate standing in the Coggin College of Business. This course covers a variety of aspects of international logistics for establishing and sustaining global operations. Issues addressed include the strategic and operational roles of logistics in international trade; the role of shipping and air transportation in international logistics and its impact on world trade; international distribution channels; the logistics mix in an international context; and the management of import/export shipments including documentation requirements.

TRA 6905-Directed Individual Study v. 1-3

Prerequisite: Permission of department chair. Study of special topics under faculty guidance. May be repeated for a total of 6 credits with different course content.

TRA 6935-Special Topics in Logistics v. 1-3

Prerequisite: Permission of instructor. This course studies topics not offered in other courses in the department. May be repeated with a change in content up to a maximum of six credits.

TRA 6957-Study Abroad in Logistics v. 1-9

Prerequisites: Graduate standing in the Coggin College of Business and permission of the instructor. Students will conduct advanced study of a country's business practices, with a particular emphasis on transportation and logistics. During this course, students will: understand the culture, geography, history, and politics of the country; travel to the country; study the differences between business in the U.S. and business in that country; and learn about the current issues facing that nation. The course will have three phases: pre-trip preparation and orientation, foreign travel, and post-trip assignments. May be repeated for a maximum of nine credits.

College of Arts & Sciences

Dean's Office
Barbara A. Hetrick, Ph.D., Dean
Peter Braza, Ph.D., Associate Dean
Marnie Jones, Ph.D., Associate Dean
(904) 620-2560

Department of Biology

Courtney T. Hackney, Ph.D., Professor & Chair
Gregory A. Ahearn, Ph.D., Professor
Joseph A. Butler, Ph.D., Professor
Barbara A. Hetrick, Ph.D., Professor & Dean
Doria F. Bowers, Ph.D., Associate Professor
Dale Casamatta, Jr., Ph.D., Associate Professor & Graduate Coordinator
John D. Hatle, Ph.D., Associate Professor
Michael R. Lentz, Ph.D., Associate Professor
Daniel C. Moon, Ph.D., Associate Professor
Charles R. Paulson, Ph.D., Associate Professor
Anthony M. Rossi, Ph.D., Associate Professor
Kelly J. Smith, Ph.D., Associate Professor
James J. Gelsleighter, Ph.D., Assistant Professor
Matthew R. Gilg, Ph.D., Assistant Professor
Judith D. Ochrietor, Ph.D., Assistant Professor
Cliff Ross, Ph.D., Assistant Professor
(904) 620-2830

Master of Arts in Biology

The Master of Arts (M.A.) in Biology degree program is designed primarily to provide secondary school teachers with advanced training in the biological sciences. It is expected that the M.A. Biology degree program will enhance the understanding of the scientific process among secondary school teachers in northeast Florida and result in improved science education for secondary school students. Although the program is structured around successful completion of both lecture and lab-based courses, each student in the M.A. Biology program must submit a review paper that has been approved by their graduate committee.

Admission

To be considered for admission to the M.A. biology degree program, the applicant must submit all required documentation to the Graduate School at UNF. For fall admission the deadline to apply is March 1, for spring admission the deadline to apply is November 15.

1. Applicant must hold the B.A. or B.S. in biology, science education or equivalent degree from a nationally (or internationally) accredited university or institution (contact the Graduate School with questions).
2. Official undergraduate transcripts from the institution of record: Minimum undergraduate GPA of 3.0 for the last 60 credits of undergraduate study is required for admission to the program.

3. Official GRE scores for the General Test: Minimum score (combined verbal and quantitative) of 1000 is required for admission to the program.
4. Official TOEFL scores for students for which English is not their primary language: Minimum score of 570 is required for admission to the program.
5. Letter formally requesting admission to the program. The letter should briefly address the following:
   a. career goals including areas of interest (i.e. molecular biology, ecology, etc.).
   b. relevant educational and employment experience.
6. Three letters of recommendation from references who are able to comment on the applicant's academic and personal attributes as well as the applicant's ability to successfully complete an advanced program of study in biology.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Graduate Advising

Students admitted to the program must meet with the graduate coordinator prior to their first semester in the program for orientation; the graduate coordinator will also help to identify appropriate graduate advisors and assist in planning graduate curricula.

Major: Biology
Degree: Master of Arts

The Master of Arts (M.A.) in biology degree program is designed primarily to provide secondary school teachers with advanced training in the biological sciences. It is expected that the M.A. biology degree program will enhance the understanding of the scientific process among secondary school teachers and result in improved education for secondary school teachers.

Prerequisites (37 Credits)

Grades of "B" or above required in all courses.

CHM 2210	3	Organic Chem I
CHM 2210L	1	Organic Chem I Lab
CHM 2211	3	Organic Chemistry II
CHM 2211L	1	Organic Chem II Lab
PCB 3043C	4	Principles of Ecology
PCB 3063C	4	Genetics
MAC 2241	4	G(M) Calculus for Biology
STA 2014	3	G(M) Elem Sta-Hlth/Ss

Select 10 credits of biology electives

BCH BOT BSC MCB PCB ZOO

Core Requirements (36 Credits)

Grades of "B" or better are required in all graduate courses. Students must apply to graduate by the published deadline during their final semester.

Select 36 credits from the list below:

BSC 5099C	Advanced Physiology
BSC 5905	Dir Independent Study: Biology
BSC 5936	ST: Biology
BSC 6931	Advanced Readings in Biology
PCB 5314C	Marine Ecology
PCB 5525	Molecular Genetics
PCB 5675	Advanced Evolution
BCH 6876C	Membrane Biology
PCB 5845	Cellular & Molecular Neuroscience
PCB 6236	Advanced Cancer Biology
PCB 6446	Ecology of Wetlands
PCB 6447	Community Ecology
PCB 6685	Population Genetics
ZOO 5235C	Advanced Parasitology
ZOO 5455C	Advanced Ichthyology
ZOO 5463C	Advanced Herpetology
ZOO 5717C	Canine Anatomy
ZOO 5754C	Advanced Histology
BSC 6972	Graduate Thesis Research
BSC 6971	Graduate Thesis Defense

Master of Science in Biology

The Master of Science (M.S.) biology degree program is designed to provide graduate students with advanced knowledge, skills and techniques in the biological sciences. Under the direct supervision of their major advisor and further guided by their graduate committee, successful M.S. biology students will conduct an original research project, which results in an approved thesis. Students will supplement their graduate education with advanced coursework and training in appropriate laboratory and/or field settings.

Admission

To be considered for admission to the M.S. biology degree program, the applicant must submit all required documentation to the Graduate School at UNF.

1. Applicant must hold the B.A. or B.S. in biology or an equivalent degree from a nationally (or internationally) accredited university or institution (contact the Graduate School with questions).
2. Official undergraduate transcripts from the institution of record: Minimum undergraduate GPA of 3.0 for the last 60 credits of undergraduate study is required for admission to the program.
3. Official GRE scores for the General Test: Minimum score (combined verbal and quantitative) of 1000 is required for admission to the program.
4. Official TOEFL scores for students for which English is not their primary language: Minimum score of 570 is required for admission to the program.
5. Letter formally requesting admission to the program; the letter should briefly address the following:
   a. career goals including areas of interest (i.e. molecular biology, ecology, etc.).
   b. relevant educational and employment experience.

6. Three letters of recommendation from references who are able to comment on the applicant's academic and personal attributes as well as the applicant's ability to successfully complete an advanced program of study in biology.
7. Applicant must make contact with a full-time tenure track faculty member who agrees to serve as the student's major advisor (i.e. fulfillment of the above requirements does not necessarily guarantee admittance into the program).

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Graduate Advising

Students admitted to the program must meet with the graduate coordinator prior to their first semester in the program for orientation; the graduate coordinator will also help to identify appropriate graduate advisors and assist in planning graduate curricula. Each student must have an approved three-member graduate committee submitted to the graduate coordinator at the end of their first semester in the program. Each committee must consist of a major advisor, who must be tenure-track, and departmental committee. Additionally, each graduate committee must contain one external committee member, who is from another institution or academic department at UNF. External committee members must also possess the appropriate terminal degree (typically the Ph.D.) in their discipline. The graduate committee (especially the major advisor) will guide the student through the program, determine an appropriate curriculum as well as assess whether the student has met the requirements of the research thesis, which is required in partial fulfillment of the degree. Lastly, the graduate committee will administer and evaluate (pass/fail) a comprehensive examination administered to the student in the third academic semester (excluding summer terms).

Note: Timetable discussed above applies to full-time students only.

Major: Biology
Degree: Master of Science

The Master of Science (M.S.) in biology degree program is designed to provide graduate students with advanced knowledge, skills and techniques in the biological sciences. Under the direct supervision of their major advisor and further guided by their graduate committee, successful M.S. biology students will conduct an original research project, which will result in an approved thesis. Students will supplement their graduate education with advanced coursework and training in appropriate laboratory and/or field settings.

Prerequisites **(37 Credits)**

Grades of "B" or above required in all courses.

CHM 2210	3	Organic Chem I
CHM 2210L	1	Organic Chem I Lab
CHM 2211	3	Organic Chemistry II
CHM 2211L	1	Organic Chem II Lab
PCB 3043C	4	Principles of Ecology
PCB 3063C	4	Genetics
MAC 2311	4	G(M) Calculus I
STA 2014	3	G(M) Elem Sta-Hlth/SS

Select 10 credits of biology electives
BCH BOT BSC MCB PCB ZOO

Core Requirements **(33 Credits)**

Grades of "B" or better are required in all graduate courses. Students must apply to graduate by the published deadline during their final semester.
Select 33 credits from the list below:

BSC 5099C	Advanced Physiology
BSC 5905	Directed Indep Study: Biology
BSC 5936	Spec Topic: Biology
BSC 6098C	Environmental Physiology
BSC 6931	Advanced Readings in Biology
PCB 5314C	Marine Ecology
PCB 5525	Molecular Genetics
PCB 5675	Advanced Evolution
BCH 6876C	Membrane Biology
PCB 5845	Cellular & Molecular Neuroscience
PCB 6236	Advanced Cancer Biology
PCB 6446	Ecology of Wetlands
PCB 6447	Community Ecology
PCB 6685	Population Genetics
ZOO 5235C	Advanced Parasitology
ZOO 5455C	Advanced Ichthyology
ZOO 5463C	Advanced Herpetology
ZOO 5717C	Canine Anatomy
ZOO 5754C	Advanced Histology
BSC 6972	Graduate Thesis Research
BSC 6971	Graduate Thesis Defense

Department of Criminology & Criminal Justice

Maldine Bailey, J.D., Ph.D., Assistant Professor
Michael A. Hallett, Ph.D., Professor & Chair
Elizabeth McMullan, Ph.D., Assistant Professor
Daniel Pontzer, Ph.D., Assistant Professor
Christine E. Rasche, Ph.D., Associate Professor
Alicia Sitren, Ph.D., Assistant Professor
Brenda Vose, Ph.D., Assistant Professor
Jennifer Wesely, Ph.D., Assistant Professor & M.S.C.J. Program Director
(904) 620-1718

Master of Science in Criminal Justice

Criminal justice education is one of the most rapidly emerging disciplines in higher education today. The problem of crime has become a major national concern, generating wide recognition that highly educated professionals are needed to work in the various agencies and institutions responding to this problem. Careers in the field increasingly require advanced degrees or other professional development.

The Master of Science in Criminal Justice (M.S.C.J.) at UNF provides an opportunity for advanced academic work in this expanding field of study. As a discipline, criminal justice draws together all the social and behavioral sciences, natural sciences, mathematical and computer sciences, history, law and jurisprudence to focus on the problem of crime in society. The graduate program at UNF builds upon the unifying multidisciplinary nature of the field it seeks to address.

Furthermore, the program at UNF is vitally concerned with theory, practice and research, based on the firm conviction that none of these can stand-alone. Sound practice requires a strong theoretical and research base, while advances in theory and research arise from the realities of practice. The M.S.C.J. program emphasizes the acquisition of professional skills that will permit students to keep abreast of new theory, research and practice in the field long after they have completed their formal studies.

Graduate Advising

All applicants for the M.S.C.J. will first work with the graduate director to develop their initial programs of study. Eventually, students selecting the thesis or practicum options will work with the graduate director and the faculty to develop his/her own graduate committee, which will then direct the student through the completion of the exit requirement.

Admission

To be considered for admission to the M.S.C.J. program, applicants must have at least a combined verbal and quantitative score of 1000 on the GRE or a 3.0 GPA for the last 60 credits of undergraduate study. The applicant must also submit the following documentation to the Graduate School:

1. A letter formally requesting admission to the program. This letter should include a brief discussion of the student's:
    a. academic and relevant employment experiences;
    b. career goals;
    c. areas of chief interest in the field;
    d. reasons for seeking the M.S.C.J. degree.
2. Two or more letters of recommendation from responsible persons with graduate education who can attest to the student's ability to do graduate work and to pursue an advanced career in the criminal justice field.
3. Evidence that the required program prerequisites have been satisfactorily completed, and evidence of the student's status with regard to program corequisites. College transcripts will normally satisfy this requirement.

Ordinarily, students should submit these materials to the Graduate School at least two months prior to anticipated enrollment. Students may enroll in courses, especially prerequisite or corequisite courses, prior to official graduate admission; this can be done with permission of the M.S.C.J. program director.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Students failing to meet University or program requirements may petition the University through the program director for an "exceptional admission." Admission on an exceptional basis places the student on probationary status pending satisfactory completion of specified graduate courses.

Program Prerequisites

Students entering into advanced study at the graduate level are expected to be familiar with the basics of the discipline. Prerequisite requirements for the M.S.C.J. include successful completion of courses in both

1. undergraduate statistics or social science research methods, and
2. undergraduate criminological theory, or their equivalents.

Students with limited background in criminal justice are encouraged to apply to the M.S.C.J. but will be expected to prepare for advanced M.S.C.J. courses upon entering the program. Students must complete any needed prerequisites within the first nine credits of graduate course work.

Corequisite Requirements

Students admitted to the M.S.C.J. program lacking computer literacy will be required to complete an appropriate graduate computer literacy course as designated by the faculty.

Students admitted to the M.S.C.J. program lacking undergraduate course work in criminal law or criminal justice systems are required to complete the graduate course, Criminal Law and Procedure in Criminal Justice Systems. Students needing one or both corequisites may complete these requirements as part of their elective credits.

Major: Criminal Justice
Degree: Master of Science

Prerequisites (6 Credits)
Prerequisites must be completed within the first nine credits of graduate course work.
CCJ 3603 3 Criminological Theory
Select 1 from the following*:
SYA 3300 Logic of Inquiry
STA 2014 Elem Stat for Health & Social Sciences
** Taking both is strongly recommended.*

Corequisites (3 Credits)
CJL 5120 3 Crim Law & Crim Justice Sys
Evidence of computer literacy.

Major Requirements (18 Credits)
CCJ 6059 3 Adv Crim Theory
CCJ 6209 3 Law, Deviance & Social Control
CCJ 6705 3 Adv Methods of Crim Research
CCJ 6706 3 Quan Resch Methods
CCJ 6709 3 Qual Resch Methods
CCJ 6053 3 Criminal Justice Systems

Major Electives (12 Credits)
Select 4 from the following:
CCJ 5692 Women & Crime
CJE 6268 Minorities & Crime
CCJ 5646 Organized Crime
CCJ 5743 Grad Super Res Exper in Crim Jus
CCJ 5684 Family Violence
CJL 5120 Crim Law & Proc in the Crim Jus Sys
CJC 5020 History & Philosophy of Corrections
CJC 5420 Counseling Appli in Crim Jus
CCJ 5346 Crisis Intervention & Collective Behavior
CCJ 5456 Crim Jus Admin Theory & Practice
CCJ 5475 Criminal Justice Planning & Evaluation
CJJ 5586 Working with Juv & Youth Offenders
CCJ 5635 Comparative Criminal Justice Systems
CCJ 5665 Victimology
CCJ 5668 Elite Crime
CCJ 6705 Adv Methods of Crim Research
CCJ 6906 Directed Independent Study
CCJ 5930 Issues in Modern Criminal Justice
CCJ 5934 ST: Criminal Justice
SYP 6668 Analysis of Subcultural Perspectives

Exit Requirement (6 credits)
Select thesis or non-thesis option
A. Thesis option (must take six credits)
CCJ 6974 Thesis/Demonstration Project; or
B. Non-thesis option
Requires written comprehensive exam and two additional graduate courses by special exception and permission of graduate coordinator only.

Department of English

A. Samuel Kimball, Ph.D., Professor & Chair
Chris Gabbard, Ph.D., Associate Professor & Graduate Coordinator
Mary K. Baron, Ph.D., Professor
Marnie Jones, Ph.D., Professor
Mark E. Workman, Ph.D., Professor, Provost & Vice President
Keith Cartwright, Ph.D., Associate Professor
Kathleen Hassall, Ph.D., Associate Professor
Nancy J. Levine, Ph.D., Associate Professor
Jason I. Mauro, Ph.D., Associate Professor
Pamela A. Monteleone, Ph.D., Associate Professor
Betsy L. Nies, Ph.D., Associate Professor
Brian J. Striar, Ph.D., Associate Professor
Michael G. Wiley, Ph.D., Associate Professor
James Beasley, Ph.D., Assistant Professor
Tiffany Beechy, Ph.D., Assistant Professor
Nicholas de Villiers, Ph.D., Assistant Professor
Tim Donovan, Ph.D., Assistant Professor
Tru Leverette, Ph.D., Assistant Professor
Clark Lunberry, Ph.D., Assistant Professor
Jillian Smith, Ph.D., Assistant Professor
Bart Welling, Ph.D., Assistant Professor
(904) 620-2273

Master of Arts in English

Greetings

The Department of English welcomes your interest and participation in our graduate program. We accept full-time and part-time students year round and invite you to apply for admission beginning in any semester — fall, spring, summer A or summer B.

The Value of an M.A. in English

Focusing on the analysis and appreciation of literary texts, the program provides students the opportunity to develop their analytic, interpretive, and writing skills; offers English teachers the chance to explore new pedagogical strategies; supports aspiring writers in their creative endeavors; and helps prepare students who intend to pursue the Ph.D. in English for the challenges of advanced graduate work.

Employment Prospects

In addition to offering one of the supreme human enjoyments, the study of literature enables students to enhance the ability most critical for success in an information-based economy — the ability to communicate well. Many graduates of our program are teaching in public schools or at community colleges. Others have found or created jobs for themselves in law, television and radio production, journalism, advertising, marketing, technical writing, editing, trade publishing, bookstore

management, corporate in-house education and training, consulting, university admissions, public relations, fund raising, script writing, and more. There will always be employment opportunities for people who can read critically, analyze quickly and accurately, translate their ideas in ways others can readily grasp, and write clearly.

Overview of the M.A. in English Program (34 Credits)

The program entails 11 courses (33 credit hours) and an M.A. exam (one credit hour).

Literature Courses: The literature courses focus on the analysis of poetry, drama, fiction, film, and other kinds of texts, including biography and memoir; on developing a critical vocabulary for describing the complexities of literary texts; on understanding the nature of literary conventions; on exploring the different traditions in British, American, and world literature; and on investigating developments in and the value of contemporary literary theory.

Composition and Rhetoric Courses: Students may take up to four courses in composition and rhetoric. These courses focus on contemporary composition theory as a field of research and study, on sentence and paragraph development, rhetorical genres, assignment design, and essay evaluation, and on recognizing the sources of grammatical and rhetorical problems. These courses provide basic preparation for teaching writing and for professional and technical writing.

Creative Writing Courses: Students may take up to two creative writing - workshop - courses, in which they have opportunities to receive critiques of their creative work.

Teaching Practicum and Independent Study Courses: Students who would like college-level classroom teaching experience or who wish to pursue a course of independent study may do so by seeking out faculty members willing to direct them.

Creative Writing Thesis Option (37 Credits)

The program offers students the opportunity to write a creative thesis. Student who wish to do so are obliged, in the process of meeting the program requirement of 33 credits of course work, to

a. take six credits of fiction, poetry, or other creative writing seminars or workshops and
b. receive approval of the creative writing faculty to enroll in ENG 6971 - Thesis (three credits).

Admission Requirements

Applicants must satisfy both the University's general requirements and the specific requirements of the M.A. in English program.

1. A GPA of 3.0 or higher for the last two years (60 credits) of undergraduate course work and a score of 500 or better on the verbal section of the GRE
2. A B.A. in English or a minimum of 18 credits of literature course work, in either case with sufficiently high grades.
3. A course in literary criticism (such as ENG 4013 or ENG 4014) with a grade of "B" or higher. (Applicants who lack such a course, but who otherwise fulfill the admissions requirements, may take ENG 4013 or ENG 4014 as part of the admission process.)
4. A course in linguistics (such as LIN 3010) with a grade of "C" or higher. (Applicants who lack such a course, but who otherwise fulfill the admissions requirements, may take LIN 3010 as part of the admissions process or as part of their graduate study.)
5. A writing sample submitted along with the application.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Admission Status

For an explanation of the differences among the types of admission status and the advantage of having full admission rather than trial, provisional, or post-baccalaureate status, please refer to the discussion in the admission section of the Graduate Catalog or consult with the graduate coordinator.

Admission Sequence:

1. Prospective students must complete the Graduate School's application.
2. Applicants must include their writing sample with their applications.
3. Once the Graduate School receives the applicant's transcripts and GRE scores, a graduate referral will then be forwarded to the graduate coordinator, who will make the final decision concerning the applicant's acceptance and so inform the Graduate School.
4. The Graduate School will then send a formal letter with the admission decision.
5. Students should meet with the graduate coordinator as soon as possible to review their Programs of Study.

Graduate Advising and the Program of Study:

The graduate coordinator serves as the advisor to all graduate students in the M.A. in English program. All newly admitted students should meet with the graduate coordinator to identify their program aims, discuss their program options, develop their initial program of study, and review the time frame for the M.A. exam.

Linguistics Prerequisite - Students must have an upper division general linguistics or history of the English language course with a grade of "C" or higher. This course may be taken either before or after entering the M.A.

in English program. This course does not count toward completion of the 34-credits requirement (or the 37-hour requirement for those completing a creative writing thesis).

Program Requirements: 34 credits — 11 three-credit hour courses plus a one-credit hour M.A. exam. A minimum of seven three-credit hour courses must be completed at the 6000 level; the remaining four three-credit hour courses may be completed at either the 5000 or 6000 level.

1. LIT 6246, LIT 6509 or the equivalent - Major Authors
2. ENG 6018 – History of Literary Criticism & Theory or ENG 6019 – Contemporary Lit Criticism & Theory.
3. At least two British Literature courses.*
4. At least two American Literature courses.*
5. At least two courses before 1800.*
6. At least two courses after 1800.*
7. ENG 6966 – M.A. exam (one credit hour; pass/fail)

* *A course may satisfy more than one requirement. For example, LIT 6246 – Shakespeare would satisfy the major author requirement and would count both as one of the two required British literature courses and as one of the two pre-1800 courses.*

Program Options: ENG 6971–Thesis (pass/fail). A literature thesis will count as one of the required 11 three-credit hour courses. A creative writing thesis is in addition to the 11 courses.

Grade Point Average (GPA): All students must maintain a GPA of 3.0 ("B") or higher. Grades lower than 2.70 ("B-") will not count toward completion of the program but will be included in the GPA.

Registration for Courses

Fully enrolled graduate students will receive an early registration appointment from the Registrar's Office. They will not need the graduate coordinator's approval or electronic permission unless they wish to enroll in

a. ENG 6941 – Practicum in Teaching Composition,
b. LIT 6941 – Practicum in Teaching Literature,
c. LIT 6905 – Directed Independent Study,
d. ENG 6966 – M.A. Exam, or
e. ENG 6971 – Thesis.

Post-baccalaureate students must first receive both the graduate coordinator's approval to enroll in graduate courses and his or her electronic permission to register.

First-day Attendance Policy: Students must notify the office of the Department of English in advance if they will miss the first class meeting of the course. If they do not, the course instructor has the authority to drop them from the course.

Questions: If you have any questions, please feel free to contact the graduate coordinator, Professor Gabbard, by e-mail at cgabbard@unf.edu.

Major: English
Degree: Master of Arts

Prerequisites (21 Credits)

Courses must have sufficiently high grades. Linguistics or history of language

LIN 3010 3 Prin of Linguistics

Select 18 credits (3000/4000) from:

AML / ENL / CRW / LIT / ENG

Major Requirements (6 Credits)

A minimum of 34 credits are required for the degree. All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are available online.

LIT 6246 3 Major Authors

Select 1 from the following:

ENG 6018 3 Hist Lit Crit/Theory
ENG 6019 3 Contemp Lit Crit/Thy

Major Electives (28 Credits)

Two courses must be before 1800 and two courses must be after 1800. A maximum of 12 credits (four courses only) at the 5000 level, all other courses must be taken at the 6000 level.

Select two British Literature (5000 - 6000 Level)

ENL

Select two American Literature (5000 - 6000 Level)

AML

Select five from the following:

AML 6455 Studies in American Literature
CRW 6025 Special Topics: Creative Writing
CRW 6130 Fiction Workshop
CRW 6331 Poetry Workshop
ENC 6700 Theory of Composition
ENG 6138 Studies in Film
ENG 6941 DIS: Practicum: Teaching Composition
ENL 6455 Studies in British Literature
LIT 5934 Topics in Literature
LIT 6017 Studies in Fiction
LIT 6037 Studies in Poetry
LIT 6047 Studies in Drama
LIT 6654 Comparative & World Literature
LIT 6905 Directed Independent Study
LIT 6934 Special Topics: Literature
LIT 6941 Practicum: Teaching Literature
ENG 6966 1 M.A. Exam
Reading List - M.A. Examination (pass/fail)

Department of History

Dale L. Clifford, Ph.D., Associate Professor & Chair
David T. Courtwright, Ph.D., Delaney Presidential Professor
James B. Crooks, Ph.D., Professor Emeritus
Elizabeth L. Furdell, Ph.D., Professor

Thomas M. Leonard, Ph.D., Professor Emeritus
Theophilus C. Prousis, Ph.D., Professor
Daniel L. Schafer, Ph.D., Professor Emeritus
J. Michael Francis, Ph.D., Associate Professor
Philip G. Kaplan, Ph.D., Associate Professor & Graduate Coordinator
N. Harry Rothschild, Ph.D., Associate Professor
Aaron Sheehan-Dean, Ph.D., Associate Professor
Carolyn L. Williams, Ph.D., Associate Professor
Denise I. Bossy, Ph.D., Assistant Professor
Alison J. Bruey, Ph.D., Assistant Professor
Charles E. Closmann, Ph.D., Assistant Professor & Graduate Coordinator
Gregory Domber, Assistant Professor
Soon Keong Ong, Assistant Professor
David L. Sheffler, Ph.D., Assistant Professor
(904) 620-2886

Master of Arts in History

The Department of History offers a Master of Arts in History, with fields of concentration in European or U.S. history. Both concentrations offer students a choice of either the traditional thesis option or a non-thesis option.

The thesis option requires a minimum of 30 credits of graduate course work and completion and defense of the thesis. Course work will include:
1. at least 12 credits in the field of concentration;
2. at least 12 credits of history courses outside the field of concentration;
3. at least six credits and no more than 15 credits of HIS 6970 Master's Thesis Research.

Students choosing the thesis option must demonstrate reading knowledge of one foreign language and complete a statistics course.

The non-thesis option requires a minimum of 39 credits of graduate history course work. Students choosing the non-thesis option will:
1. substitute nine additional graduate-level history credits for a thesis;
2. submit two seminar or research papers to two different faculty supervisors;
3. pass a written comprehensive examination;
4. satisfy either the foreign language and statistics requirement or complete a six credit hour minor in another discipline.

Students may not take a 5000 level survey course for graduate credit if they took that course at the undergraduate level. Students may not choose between thesis and non-thesis options until they have completed two 6000-level seminars. Regardless of the option, only a total of three courses from the categories Directed Readings and/or Independent Studies may be included in the graduate program of study. Thesis and non-thesis students shall take no more than four graduate history courses with one faculty member. This does not include thesis students' continuous registration in Master's Thesis Research.

Graduate students are expected to maintain at least a 3.0 average, and no student may be awarded a master's degree unless the graduate average is "B" or higher.

Admission

In addition to the general admission requirements at UNF, applicants are expected to have earned an undergraduate GPA of at least 3.0 overall for the last 60 credits of undergraduate study and a 3.4 GPA in history courses, and have scored a minimum of 1000 (combined verbal and math score) on the GRE examination.

Students are not required to have been history majors, but it is expected that they will have taken the equivalent of at least a minor (15 credits) in undergraduate history courses. Students who have not met this requirement should consider taking additional undergraduate history courses at UNF before applying for the M.A. program.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224. The Office of Academic Testing (904) 620-2927 provides information regarding administration of the GRE. Previous GRE scores may be used if not more than five years old.

In addition, applicants must send to the address above a typewritten essay of three to five double-spaced pages describing their career goals and areas of historical interest, and three letters of reference. At least one of the letters should come from a former or current history professor. For further information, contact the graduate advisor or department chair.

Graduate Advising

All M.A. history students must meet with the graduate coordinator during their first term of graduate work in order to plan their course of study, select an academic advisor, and discuss any questions they may have about the program. A hold will be placed on registration for a second term of graduate course work until this obligatory meeting takes place. The coordinator monitors the subsequent progress of each student and helps with selection of courses, faculty advisor(s), thesis director and committee members.

Foreign Language

All students taking the thesis track, as well as those non-thesis students who opt for the language requirement, must demonstrate reading knowledge of a language other than English. The department will arrange an appropriate test.

Major: History
Concentration: European History (Non-Thesis)
Degree: Master of Arts

Prerequisites **(3 Credits)**
Craft of Historian or equivalent
HIS 3051 3 G(6) Craft of Histrn

Requisites **(6 Credits)**
Choose Option I Or II:
Option I: (6 credits)
Six-credit minor in another discipline. Must be approved by advisor. (i.e. literature, sociology, philosophy)
Option II:
One Elem Statistics or equivalent
STA
Foreign language: Students must demonstrate reading competence in one foreign language. The department will arrange an appropriate test.

Major Requirements **(33 Credits)**
EUH 6936 3 Seminar On European History
Take twice
Select four european history courses (5000/6000 Level)
EUH
Select one non-euro history seminar (6000 Level)
ASH / AMH / HIS / LAH
Select four non-euro history courses 5000/6000 Level)
ASH / AMH / HIS / LAH
European History and Historians I & II are considered outside the area of concentration.

Directed readings will not substitute for the required 6000 level seminars. Only two sections of HIS 6946 (Internship in History) will be permitted for the non-thesis program. Internships will not substitute for seminars.

Two seminar or research papers of approximately 20-40 pages each must be written for two different faculty supervisors and must receive a grade of "B" or higher.

Designation of official manuscript/footnote for thesis, and non-thesis papers: "Chicago Manual of Style," using footnotes rather than endnotes.

Two faculty members from the student's field of concentration, selected by the student and graduate coordinator, will prepare and administer a written three-hour examination.

Non-thesis students will have two years following the completion of their course work to finish all of the non-thesis requirements.

All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are published online.

Major: History
Concentration: European History with Thesis
Degree: Master of Arts

Prerequisites **(3 credits)**
Craft of Historian or equivalent
HIS 3051 3 G(W) Craft of the Historian
Requisites **(3 Credits)**
1 Elem Statistics or equivalent
STA
Foreign language: Students must demonstrate reading competence in one foreign language. The department will arrange an appropriate test.

Major Requirements **(30 Credits)**
EUH 6936 3 Seminar On European History

Directed readings will not substitute for the required seminars. Internships will not substitute for the seminar requirement.

Select three european history courses (5000/6000 Level)
EUH
Select four non-euro history courses (5000/6000 Level)
ASH / AMH / HIS / LAH
Must include one 6000-level seminar if only one section of EUH 6936 is completed.
European History and Historians I & II are considered outside the area of concentration.
HIS 6971 1-6 Thesis Research
Master's Thesis Research
At least six credits and no more than 15 credits required in HIS 6971. Continual enrollment in HIS 6971 (summer exempted) required.

Only one section of HIS 6946 (Internship in History) will be permitted for the thesis program Internships will not substitute for seminars. After course requirements have been completed students will enroll in thesis research until the thesis is completed.

Students under the thesis option will have two years following the completion of their course work to write and defend their thesis.

Students who have not finished the thesis two years after completion of course work will be required to transfer to the non thesis option and will have the third year for the additional course work and comprehensive exam.

The thesis advisor, always a historian, will be selected by the student in consultation with the graduate coordinator once two 6000 level seminars have been completed.

Designation of official manuscript/footnote for thesis, and non-thesis papers: "Chicago Manual of Style," using footnotes rather than endnotes.

An oral defense will be scheduled after the thesis has been approved by the committee. Committee members will conduct the defense, which may be attended by any member of the graduate faculty. After the defense, the student is responsible for fulfilling the University's requirements regarding the binding of the thesis and its delivery to the UNF library.

All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are published online.

Major: History
Concentration: United States History (Non-Thesis)
Degree: Master of Arts

Prerequisites (3 Credits)
HIS 3051 3 G(6) Craft of Historians

Requisites (6 Credits)
Select option I or II:
Option I:
6 credits minor in another discipline. Must be approved by advisor. (i.e. literature, sociology, philosophy)
Option II:
1 Elementary Statistics or equivalent
STA

Foreign language: Students must demonstrate reading competence in one foreign language. The department will arrange an appropriate test.

Major Requirements (33 Credits)
AMH 6936 3 Seminar in American History
Take twice
Select four US History courses (5000/6000 Level)
AMH
Select one Non-US History seminar (6000 Level)
ASH / EUH / HIS
Select four Non-US History courses (5000/6000 Level)
ASH / EUH / HIS

Directed readings will not substitute for the required 6000 level seminars. Only two sections of HIS 6946 (Internship in History) will be permitted for the non-thesis program. Internships will not substitute for seminars.

Two seminar or research papers of approximately 20-40 pages each must be written for two different faculty supervisors and must receive a grade of "B" or higher.

Designation of official manuscript/footnote for thesis, and non-thesis papers: "Chicago Manual of Style," using footnotes rather than endnotes.

Two faculty members from the student's field of concentration, selected by the student and graduate coordinator, will prepare and administer a written three-hour examination.

Non-thesis students will have two years following the completion of their course work to finish all of the non-thesis requirements.

All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are published online.

Major: History
Concentration: United States History With Thesis
Degree: Master of Arts

Prerequisites (3 Credits)
Craft of Historian or equivalent
HIS 3051 3 G(W) Craft of the Historian

Requisites (3 Credits)
Elementary statistics or equivalent
STA
Foreign language: Students must demonstrate reading competency in one foreign language. The department will arrange an appropriate test.

Major Requirements (30 Credits)
AMH 6936 3 Seminar in American History
Select three US History courses (5000/6000 Level)
AMH
Select four non-US History courses (5000/6000 Level)
ASH / EUH / HIS / LAH
Must include one 6000-level seminar if only one section of AMH 6936 is completed.
HIS 6971 1-6 Thesis Research
Master's Thesis Research
At least six credits and no more than 15 credits required in HIS 6971. Continual enrollment in HIS 6971 (summer exempted) required.

Only one section of HIS 6946 (Internship in History) will be permitted for the thesis program. Internships will not substitute for seminars. After course requirements have been completed students will enroll in thesis research until the thesis is completed.

Students under the thesis option will have two years following the completion of their course work to write and defend their thesis.

Students who have not finished the thesis two years after completion of course work will be required to transfer to the non-thesis option and will have the third year for the additional course work and comprehensive exam.

The thesis advisor, always a historian, will be selected by the student in consultation with the graduate coordinator once two 6000-level seminars have been completed.

Designation of official manuscript/footnote for thesis, and non-thesis papers: "Chicago Manual of Style," using footnotes rather than endnotes.

An oral defense will be scheduled after the thesis has been approved by the committee. Committee members will conduct the defense, which may be attended by any member of the graduate faculty. After the defense, the student is responsible for fulfilling the University's requirements regarding the binding of the thesis and its delivery to the UNF Library.

All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are published online.

Department of Mathematics & Statistics Faculty

Scott H. Hochwald, Ph.D., Associate Professor & Chair
Denis R. Bell, Ph.D., Professor
Peter Braza, Ph.D., Professor & Associate Dean
Donna L. Mohr, Ph.D., Professor
Ping Sa, Ph.D., Professor
Pali Sen, Ph.D., Professor & Graduate Director
Jingcheng Tong, Ph.D., Professor
Faiz Al-Rubaee, Ph.D., Associate Professor
Adel N. Boules, Ph.D., Associate Professor
Daniel Dreibelbis, Ph.D., Associate Professor & Undergraduate Director
Michelle DeDeo, Ph.D., Associate Professor
Richard F. Patterson, Ph.D., Associate Professor
Rama M. Rao, Ph.D., Associate Professor
Peter Wludyka, Ph.D., Professor
Mei-Qin Zhan, Ph.D., Professor
Elena Buzaianu, Ph.D., Assistant Professor
Raluca Dumitru, Ph.D., Assistant Professor
Daniela Genova, Ph.D., Assistant Professor
Jim Gleaton, Ph.D., Assistant Professor
Sami M. Hamid, Ph.D., Assistant Professor
Damon Hay, Ph.D., Assistant Professor
Ognjen Milatovic, Ph.D., Assistant Professor
Mahbubur Rahman, Ph.D., Assistant Professor
Kening Wang, Ph.D., Assistant Professor
(904) 620-2653

Master of Science in Mathematical Sciences

Corresponding to the undergraduate mathematics and statistics programs, the degree program leading to a Master of Science in Mathematical Sciences is interdisciplinary, emphasizing the interrelationships among the disciplines represented. In addition to examining topics from each of mathematics and statistics, the student will select an area of concentration from one of these disciplines. The program is designed to provide the graduate with an understanding of the utility of the mathematical sciences, and to present the theory needed to make those applications meaningful.

Admission

In addition to satisfying general UNF criteria for admission into a graduate program, students wishing to enter the mathematical sciences master's degree program must present GRE scores and must have completed the equivalent of an undergraduate degree program in the Department of Mathematics and Statistics at UNF. Applicants are expected to have an undergraduate GPA of at least 3.0 for the last 60 credits of undergraduate study and a minimum combined verbal and quantitative score of 1000 on the GRE with at least a score of 600 on the quantitative portion. Otherwise-qualified students not satisfying the latter condition may be admitted after arranging with the graduate director for a program that will remove the deficiencies.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Graduate Advising

All newly admitted students to the Master of Science in Mathematical Sciences will meet with the graduate director to map out their programs of study. Meetings are held each semester thereafter in order for the graduate director to help the students select courses and discuss their progress toward the completion of degree requirements. Students who choose the thesis option will work with the graduate director to form a thesis committee, which will guide the students through the process of conducting their research.

Thesis or Examination Requirement

A student who selects the thesis option must successfully defend it once it is completed. A student who selects the exam option must pass a comprehensive exam and give an oral presentation of an approved topic.

Major: Mathematical Science
Concentration: Mathematics
Degree: Master of Science

Prerequisites **(33 credits)**

MAC 2311	4	G(M) Calculus I
MAC 2312	4	G(M) Calculus II
MAC 2313	4	G(M) Calculus III
MAS 3105	4	G(M) Linear Algebra
MAA 4211	4	G(M) Adv Calculus I
MAP 2302	3	G(M) Ord Diff Equatns

STA 4321 4 G(M) Prob & Statistics
COP 2220 3 Computer Science
or an equivalent scientific programming course.

Major Requirements (18 Credits)
Students must apply to graduate by the published deadline during their final semester. Grades of "B" or better are required in all graduate courses. A minimum of 32 credit hours are required for the degree.
MAS 6107 3 Adv. Linear Algebra
STA 6446 3 Probability
Statistics Core
STA 6166 3 Statistical Mthds I
STA 6326 3 Math Statistics I
Computing Core
MAD 6405 3 Numerical Analysis
MAP 6385 3 Scientific Computing

Major Electives (14 Credits)
In one of the concentrations (to be selected in consultation with the graduate advisor). May include no more than six credit hours of thesis. Select 14 credits from the following:
MAA 6417 Complex Analysis
MAA 6938 Topics in Applied Analysis
MAP 6336 Ordinary Differential Equations
MAP 6345 Partial Differential Equations
MAP 6605 Topics in Financial Mathematics
MAP 6932 Topics in Optimization
MAS 6311 Abstract Algebra
MAS 6933 Topics in Algebra
MAS 6938 Topics in Applied Algebra
MAT 5932 Special Topic: Mathematical Science
MAT 6908 Directed Individual Study
MAT 6933 Special Topic: Mathematical Science
MAT 6938 Seminar in Mathematics
MAT 6971 Thesis
STA 6666 Statistical Quality Control

Major: Mathematical Science
Concentration: Statistics
Degree: Master of Science

Prerequisites (27 credits)
MAC 2311 4 G(M) Calculus I
MAC 2312 4 G(M) Calculus II
MAC 2313 4 G(M) Calculus III
MAS 3105 4 G(M) Linear Algebra
MAA 4211 4 G(M) Adv Calculus I
MAP 2302 3 G(M) Ord Diff Equatns
STA 4321 4 G(M) Prob & Statistics
COP 2220 3 Computer Science I
or an equivalent scientific programming course.

Major Requirements (18 Credits)
Students must apply to graduate by the published deadline during their final semester. Grades of "B" or better are required in all graduate courses. A minimum of 32 credit hours are required for the degree.
MAS 6107 3 Adv. Linear Algebra
STA 6446 3 Probability
Statistics Core
STA 6166 3 Statistical Methods I
STA 6326 3 Math Statistics I
Computing Core
MAD 6405 3 Numerical Analysis
STA 6106 3 Computer-Intensive in Stats

Major Electives (14 Credits)
Select one concentration (in consultation with the graduate advisor). May include no more than six credit hours of thesis. Select 14 credits from the following:
MAP 6605 Topics in Financial Mathematics
STA 6167 Statistical Methods II
STA 6205 Design of Experiments
STA 6226 Sampling
STA 6505 Categorical Data Analysis
STA 6666 Statistical Quality Control
STA 6707 Multivariate Methods
STA 6908 Directed Individual Study
STA 6932 Special Topic: Statistics
STA 6938 Seminar in Statistics
STA 6940 Statistical Consulting
STA 6971 Thesis

Department of Philosophy

Hans-Herbert Köegler, Ph.D., Professor & Chair
David E. W. Fenner, Ph.D., Professor & Dean of the Graduate School
A. David Kline, Ph.D., Professor
Andrew Buchwalter, Ph.D., Associate Professor & Graduate Coordinator
Daniel J. Callcut, Ph.D., Assistant Professor
Jennifer A. Fisher, Ph.D., Assistant Professor
Mitchell R. Haney, Ph.D., Assistant Professor
Alissa Hurwitz Swota, Ph.D., Assistant Professor
Chloe Taylor, Ph.D., Assistant Professor
Rico L. Vitz, Ph.D., Assistant Professor
(904) 620-1330

Master of Arts in Practical Philosophy and Applied Ethics

The Master of Arts (M.A.) in Practical Philosophy and Applied Ethics fosters application of ethical and philosophical knowledge to concerns in social, political, economic, and cultural life. Its primary objective is to offer practically oriented but philosophically grounded expertise in ethics and normative theory generally. The program provides the training in the ethical decision-making, cultural understanding, and analytic reasoning needed to address the dilemmas that increasingly confront present and future

professionals and policy makers as well as citizens generally. It also provides an excellent foundation for further graduate studies in philosophy. Two options are offered for meeting the M.A. requirements: a thesis option, recommended for students wishing to pursue a career in teaching, further graduate study, or specific training in the articulation of applied philosophy; and an internship option, which provides opportunity for immediate work in public and professional life. Both options are designed to ensure that graduates have a command of the basic disciplines of philosophy and a specialized knowledge of their applications in medicine, business, education, law or other areas of public life.

Admission Requirements for the M.A. in Practical Philosophy and Applied Ethics

Applicants must submit the following:

- a completed graduate application for admission;
- a letter of application, including a statement of career goals and areas of interest;
- a $30 application fee;
- official undergraduate transcripts indicating earned baccalaureate or equivalent degree;
- relevant transcripts of previous graduate training;
- a GPA of 3.0 or higher for the last two years (60 credits) of undergraduate course work;
- official scores from the GRE, with a minimum combined verbal and quantitative score of 1000;
- three letters of reference that speak to the candidate's ability to succeed at the graduate level; and
- a writing sample (10-15 pages).

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Students transferring from other graduate programs may be awarded up to nine credit hours of graduate study, subject to departmental review. Applicants need not have a prior degree in philosophy.

Graduate Advising

All students in the M.A. program must meet with the graduate coordinator during the first term of graduate work to identify their program aims, plan their course of study, select an academic advisor, and discuss questions they may have about the program. The coordinator monitors the subsequent progress of each student and assists in selection of courses and faculty advisor(s). The graduate coordinator will also assist students in identifying, as appropriate, a thesis director and thesis committee members or an internship supervisor.

Program Prerequisites

While students entering the program are not required to have a B.A. in philosophy, they are expected to have completed at least one undergraduate course in each of the following areas: logic, history of philosophy, and theoretical philosophy. Entering students who have not met this requirement will be expected to take courses in these areas on a remedial basis, which may involve up to nine credit hours of additional course work.

General Program Requirements (33 credits)

The thesis option requires 24 credit hours of core and specialized courses plus nine credits of thesis writing, supervision and defense. The internship option requires 27 credit hours of courses plus six credit hours of internship work, including written report of findings.

Major: Practical Philosophy & Applied Ethics
Degree: Master of Arts

Prerequisites

While students entering in the M.A. program are not required to have a B.A. in philosophy, they are expected to have completed at least one undergraduate course in each of the following areas: logic, history of philosophy, and theoretical philosophy. Entering students who have not met this requirement will be expected to take courses in these areas on remedial basis, which may involve up to nine credit hours of additional course work.

One course in Logic
One course in History of Philosophy
One course in Theoretical Philosophy

Major Requirements (18 Credits)

Grades of "B" or above are required in all graduate courses.

PHI 6937	3	Proseminar I: Pract Philosophy
PHI 6938	3	Proseminar II: Applied Ethics
PHI 5605	3	Ethics

Select one Intro Ethical Issues

PHI 5627	Ethics Sex Gender
PHI 5628	Business Ethics
PHI 5634	Bioethics
PHI 5668	Ethics East West
PHI 5675	Moral Conflict
PHI 5691	Environmental Ethics
PHI 5886	Ethics & Lit
PHI 6125	Ancient Greek Ethics
PHI 6907	Directed Indep Study
PHM 5056	Death and Dying

Select one Practical Philosophy

PHM 5105	Social Philosophy
PHM 5305	Political Philosophy
PHM 5365	Philos of Democracy
PHM 5405	Philosophy Of Law
PHM 6345	Cont Political Phil
PHI 5808	Aesthetics
PHI 6405	Philos of Science
PHI 6425	Philos of Social Sci
PHI 6458	Philos of Psychiatry
PHI 6907	Directed Indep Study
PHP 5794	Pragmatism

Select one Elective Course
PHI PHH PHM PHP

Capstone Experience (15 Credits)
Grades of "B" or better are required in all graduate courses. A minimum of 33 credits is required for the degree. All students must apply for graduation during registration for the last semester of courses at UNF.

Select Internship or Thesis
Option 1:
Six credits of internship plus nine credits in specialized graduate courses.
PHI 6942 3-6 Internship Ap Ethics
PHI 6942 3-6 Internship Ap Ethics
PHI
Option 2:
Nine credits of thesis research/writing plus six credits in specialized graduate courses.
PHI 6971 3-9 Thesis
Selected specialized graduate courses
PHI 6936 3 Adv Selected Topics
PHI 5934 3 Selected Topics

Topics may include, but are not limited to, themes in ancient ethics, contemporary ethical theory, educational ethics, intercultural philosophy, theories of rationality, philosophy of psychiatry, philosophy of culture, philosophy of globalization, mental health ethics, and issues in biomedical or business ethics.

Graduate Certificate in Applied Ethics

The Graduate Certificate is designed for professionals and policy makers who wish to develop an expertise in ethics that is directly relevant to their working environment. It provides a valuable credential to those who, for example, serve on institutional ethics committees and compliance boards or seek advanced ethics training to meet licensure requirements.

Admission Requirements for the Graduate Certificate in Applied Ethics:

- a completed graduate application for admission;
- a letter of application, including a statement of career goals and areas of interest;
- official undergraduate transcripts indicating earned baccalaureate or equivalent degree;
- relevant transcripts of previous graduate training;
- three letters of reference that speak to the candidate's ability to succeed at the graduate level;

Major: Applied Ethics Certificate
Degree: Post-Baccalaureate Certificate

Certificate Requirements (12 Credits)
The certificate program seeks to foster application of ethical and philosophical knowledge to concerns in social, political, economic and cultural life. The primary objective is to offer practically oriented but philosophically grounded expertise in ethics and normative theory.
Select one Course in Ethical Theory
PHI 5605 3 Ethics
Select one Proseminar Course
PHI 6938 3 Proseminar Applied Ethics
Select two Electives in Applied Ethics
Decided upon mutually by the student and the graduate coordinator
PHI PHP

Department of Political Science & Public Administration

Matthew T. Corrigan, Ph.D., Associate Professor & Chair
J. Patrick Plumlee, Ph.D., Associate Professor & MPA Director
Henry B. Thomas, D.P.A., Associate Professor & Director, The Florida Center for Public & International Policy
Paul G. Harwood, Ph.D., Assistant Professor & Director, Public Opinion Research Laboratory
Martin I. Edwards, J.D., Instructor & Director, Pre-Law Program
Mary O. Borg, Ph.D., Professor
Anne H. Hopkins, Ph.D., Professor
Ronald T. Libby, Ph.D., Professor
David M. Schwam-Baird, Ph.D., Associate Professor
Pamela A. Zeiser, Ph.D., Associate Professor
Hyunsun Choi, Associate Professor
Kyle A. Scott, Ph.D., Assistant Professor
William R. Voorhees, Assistant Professor
Darren A. Wheeler, Assistant Professor
(904) 620-2977

Master of Public Administration

The mission of the UNF M.P.A. program is to provide students with a broad understanding of the theory and practice of public administration, and to contribute to the betterment of the public and not-for-profit service community in the state, particularly in the Northeast Florida region. These general goals are obtained commensurate with the University of North Florida's commitment to excellence, focus, relevance, and accountability in all of its academic programs.

The M.P.A. program serves to open a path to graduate education to a wide variety of students, particularly nontraditional students, who seek an opportunity to enhance their professional qualifications and career prospects in the public and not-for-profit sectors. The ultimate purpose of the M.P.A. program is to enhance the capabilities of potential and current administrative, managerial and political leaders of the region to better serve their organizations and the public in the competitive environment of the 21st century.

The M.P.A. curriculum is intended to enrich student understanding of the complex arrangements that constitute modern governance, and to enable students to develop the skills and attitudes that contribute to effective program administration. For the student who already possesses significant government or not-for-profit experience, the program provides opportunities to gain new skills and to develop an enlarged perspective on public sector management.

Although the public administration degree is usually associated with a background in political science, students from any discipline or background, or at any stage in their careers, who are interested in public or not-for-profit employment or advancement, are encouraged to consider the M.P.A. program.

Overview of the M.P.A. Program

The program consists of a minimum of 42 credit hours of approved course work, not counting the required program prerequisite. The program is arranged in a common core of 27 credits (nine courses) that all students are required to take, combined with an additional 15 credits (five courses) of electives, chosen in coordination with the M.P.A. director. Electives for the program consist of all M.P.A. courses offered that are not designated as core courses. Other graduate courses in the University may be considered for meeting M.P.A. elective requirements with the consent of the M.P.A. director.

Students fulfilling the requirements above will be classified as having a concentration or track in general administration. Students who wish to specialize to a greater degree in the M.P.A. program have the option of completing up to 12 credits of courses in any one of the following additional concentrations or tracks: Local Government Policy and Administration, Health Administration, Nonprofit Management or National Security Policy and Administration. The concentrations in Urban Policy and Administration, Health Administration or Nonprofit Management, if selected, will substitute for the General Administration concentration. Students interested in pursuing the Urban Policy, Health Administration, Nonprofit Management or National Security tracks should notify the M.P.A. advisor of their intentions early in their program.

The M.P.A. program also offers a 12-hour graduate Certificate in Nonprofit Management. Requirements for this certificate consist of a three-course core curriculum and an elective drawn from a variety of courses offered by the Department of Political Science and Public Administration, as well as other graduate programs across the University. Students pursuing the certificate are admitted to the University as non-degree seeking students. Information regarding the Nonprofit Management Certificate can be found on the departmental Web site at www.unf.edu/coas/polsci-pubadmin.

For students without significant public or not-for-profit work experience, an internship consisting of a relevant work experience and three credits of course work may be required. These credits are equivalent to one elective in the program. The M.P.A. director will advise each student whether or not she or he has experience sufficient to waive the internship requirement. Students for whom the internship requirement is waived will be expected to take an elective course in lieu of the internship. All students must complete the required 42 credits of course work. M.P.A. students are expected to maintain at least a 3.0 GPA, and no student will be awarded an M.P.A. degree unless the overall graduate average is 3.0 or higher.

Admission Status

There are a variety of types of admission into the University for students who have completed bachelor's degrees. In general, the M.P.A. program advises that students should seek full admission as graduate students into the M.P.A. program. However, up to 10 credits earned in a post-baccalaureate status can be transferred to the M.P.A. program. For an explanation of the differences among the types of admission status and the advantages of full admission over provisional or post-baccalaureate status, refer to the discussion under "Types of Admission Status" in the Admissions section of this catalog or consult with the M.P.A. program director.

Admission Requirements

Applicants must satisfy University requirements and the specific requirements of the Department of Political Science and Public Administration.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

1. State-Mandated Admission Requirements:

a. A baccalaureate degree from a regionally accredited college or university;
b. GRE or GMAT scores;
c. One of the following:
   1. a GPA of 3.0 or higher for all work attempted as an upper level student, typically the last two years (60 credits) of undergraduate course work, or

2. a combined score of 1000 on the verbal and quantitative sections of the Graduate Record Examination (GRE), or
3. a graduate degree from an accredited institution.

2. **M.P.A. Program Requirements:** Applicants must meet the general graduate admission requirements of the university listed above. M.P.A. students must have a bachelor's degree from an accredited institution with a minimum GPA of 3.0 on the last 60 credits of undergraduate work. In addition, sufficiently high scores on either the GRE or GMAT are required. The combined score on the verbal and quantitative portions of the GRE must be sufficient to engender confidence that the student can successfully meet the academic requirements of a graduate program. In general, a combined score of 1000 or above on the verbal and math sections of the GRE will be sufficient to ensure admission. Alternatively, students may submit scores from the GMAT Minimum scores for the verbal and quantitative components must be 30 and 29, respectively. However, lower GRE or GMAT scores, or a lower GPA, may be considered acceptable for admission if review of an applicant's overall academic record or work experience suggests that the applicant has the potential for success in the M.P.A. program. Students with a GPA below the minimum or with GRE or GMAT scores below the minimum may be admitted fully or conditionally upon review of their applications by the M.P.A. director in consultation with the M.P.A. Steering Committee. Conditional admission means that a student is allowed to take up to three M.P.A. courses on a trial basis. If each of these courses is completed with a grade of "B" or better, the student's conditional status will be changed to that of a fully admitted graduate student.

   The M.P.A. program requires that each applicant have completed at least one undergraduate course in American government or the American political system prior to admission to the program. Students are also expected to possess basic knowledge of computer applications such as word processing, spreadsheets, and using the Internet.

   Each applicant is required to submit two letters of recommendation. These letters should be submitted to: The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, Florida 32224. These letters should be from persons familiar with the academic or work performance of the applicant. Applicants are also urged to arrange an admission interview with the M.P.A. director. This interview should be scheduled prior to the semester in which the applicant intends to begin the program.

Internship Requirement: For students without significant public or not-for-profit work experience, an internship consisting of a relevant work experience and three credits of course work may be required. Designation of a student as a pre-professional (internship required) or as in-service (no internship required) will be made by the M.P.A. director, in consultation with the M.P.A. Steering Committee in borderline cases. Internships will earn three credit hours per semester, with a maximum of six credits earned, and normally should not begin until 18 or more credits of graduate course work have been successfully completed. The M.P.A. director will designate the internship advisor for individual student internships. The internship should involve placement with a public or not-for-profit organization for approximately 15-20 hours of work per week, for a minimum of 15 weeks. In order to receive credit, the student must satisfy the work site requirements of the position, as well as satisfactorily complete an internship paper as directed by the M.P.A. program internship supervisor.

Capstone Requirement: The M.P.A. program requires that all students complete PAD 6066 Capstone Seminar. Students taking this course must earn a grade of "C" or better in order to earn the M.P.A. degree. Students who do not make a grade of "C" or better must retake the course. If a student does not make a "C" or better after retaking the course, he or she will be dropped from the M.P.A. program. Incomplete grades will not normally be given in PAD 6066, except in cases of serious medical problems or public safety or military deployments. Specific requirements of the Capstone Seminar may vary but will reflect agreement between the M.P.A. Steering Committee and the seminar instructor concerning appropriate content.

Graduate Advising: The M.P.A. director serves as advisor to all graduate students in the M.P.A. program. Prospective and newly admitted students should meet with the M.P.A. director to discuss program options, develop programs of study, and obtain advice on course selection. After admission, each student should contact the M.P.A. director at least once a semester to check on their progress in the program, and to receive advice on course availability and options.

Admission Sequence:

1. Prospective students must arrange to have their transcripts and their GRE scores sent to the Graduate School. If the applicant has not taken the GRE, he or she should arrange to do so at an early date.
2. Prospective students must complete the Graduate School's application and indicate a desire to be admitted into the M.P.A. program.
3. Once the Graduate School receives the applicant's transcripts and GRE scores, a graduate referral will be forwarded to the M.P.A. director, who will make the final decision regarding the applicant's acceptance and inform the Graduate School.

4. The Graduate School will then send a letter to the applicant, informing him or her of the admission decision.
5. Students should contact the M.P.A. director soon after receiving their letters to verify their intent to enroll in the program, and to receive further guidance concerning their program of study.

Major: Public Administration
Concentration: General Administration
Degree: Master of Public Administration

Prerequisites **(3 Credits)**
One undergrad course in American government or American political system

POS 2041 3 Intro American Government

Core Requirements **(27 Credits)**
Each student is required to defend a research paper written in conjunction with the two-course capstone sequence, PAD 6706 & PAD 6066.

Note: PAD 5700 is a prerequisite for PAD 6706, PAD 6066, and PUP 6007. PAD 6706 is a prerequisite for PAD 6066.

Students from the UNF undergraduate M.P.A. fast track program who have successfully met the admission requirements of the M.P.A. program are not required to take PAD 6060. They must take the remainder of the M.P.A. core but are further required to take only three electives, for a total of 33 credits of graduate course work.

Grades of "B" or above are required in at least eight of the nine required core courses in order to graduate in the program. If a student does not complete the capstone project by the end of the term in which they took PAD 6066, then the student must register for PAD 6900 Directed Independent Study for one credit hour with their capstone committee chair each semester (summer sessions excepted) until the project is complete.

PAD 5700 3 Public Admin Research Methods
PAD 6706 3 Research Design
PAD 6060 3 Public Admin in Modern Society
PAD 6066 3 Capstone Seminar
Prereq: requires permission of M.P.A. director
PAD 6106 3 Admin Behavior in Public Org
PAD 6227 3 Government Budget and Finance
PAD 6417 3 Human Res in Public/NP Mgmt
PAD 6436 3 Ethics For Administrators

Select one from the following:

PUP 6006 Prog Eval for Public & Nonprofit Mgmt
PUP 6007 Policy Analysis

Major Electives **(15 Credits)**
Select five general administration courses approved by the M.P.A. director. These will normally be departmental courses but in special circumstances, graduate courses in other university programs may be acceptable; or

If a student is designated as a pre-professional student, an internship may be required. The internship course will count as one of the five required elective courses. Designation will be made by the MPA director, in consultation with the M.P.A. steering committee.

Students may select courses in graduate programs other than the M.P.A. program with the approval of the M.P.A. director.

M.P.A. students must meet the minimum graduation requirements for master's degree students at the University. All students must apply for graduation during registration for the last semester of courses in the program. Deadlines are published online.
Select five from the following:

INR 6079 Terrorism & Public Safety
PAD 5385 Public Policy Formation & Implementation
PAD 5605 Administrative Law
PAD 6021 Case Studies in Public Administration
PAD 6053 Issues in Public Management
PAD 6207 Municipal Finance Administration
PAD 6447 Man Diversity in Public & Nonprofit Org
PAD 6612 Regulatory Administration
PAD 6807 Urban Administration
PAD 6900 Directed Independent Study
PAD 6934 Special Topic: Public Administration
PAD 6946 Internship in Public Administration
POS 6095 Intergovernmental Relations
POS 6158 Politics & Policy in Local Government
URP 6058 Urban & Regional Planning
Prereq: requires permission of M.P.A. director
PAD 6934 2-6 Spec Top: Public Adm
PAD 6946 3 Internship/Pub Admin
Prereq: requires permission of M.P.A. director
POS 6095 3 Intergovtmntl Reltns
POS 6158 3 Polit/Polcy Loc Gov
URP 6058 3 Urn Regnl Planning

Major: Public Administration
Concentration: Health Administration
Degree: Master of Public Administration

Prerequisites **(3 Credits)**
One undergraduate course in American Government or American Political System.

POS 2041 3 Intro To American Government

Core Requirements **(27 Credits)**
Each student is required to defend a research paper written in conjunction with the two course capstone sequence, PAD 6706 & PAD 6066.

Note: PAD 5700 is a prerequisite for PAD 6706, PAD 6066, and PUP 6007. PAD 6706 is a prerequisite for PAD 6066.

Students from the UNF undergraduate M.P.A. fast track program who have successfully met the admission requirements of the M.P.A. program are not required to take PAD 6060. They must take the remainder of the M.P.A. core but are further required to take only three electives, for a total of 33 credits of graduate course work.

Grades of "B" or above are required in at least eight of the nine required core courses in order to graduate in the program.

If a student does not complete the capstone project by the end of the term in which they took PAD 6066, then the student must register for PAD 6900 Directed Independent Study for one credit hour with their capstone committee chair each semester (summer sessions excepted) until the project is complete.

PAD 5700	3	Public Admin Research Methods
PAD 6706	3	Research Design
PAD 6060	3	Public Admin in Modern Society
PAD 6066	3	Capstone Seminar
Prereq: requires permission of M.P.A. director		
PAD 6106	3	Admin Behavior in Public Org
PAD 6227	3	Government Budget & Finance
PAD 6417	3	Hum Res: Public & Nonprofit Mgmt
PAD 6436	3	Ethics for Administrators

Select one course from the following:

PUP 6006	Prog Eval for Public & Nonprofit Mgmt
PUP 6007	Policy Analysis

Major Requirements (15 Credits)

Students choosing the health administration track may not select any additional courses in graduate programs other than the M.P.A. program. Students selecting this option must meet the prerequisites or other requirements of the Brooks College of Health and the health administration program. M.P.A. students must meet the minimum graduation requirements for master's degree students at the UnIversity.

All students must apply for graduation during registration for the last semester of courses in the program. Deadlines are published online. Select four from the following:

HSA 5177	Health Care Finance
HSA 6116	Health Organization & Delivery
HSA 6126	Managed Health Care
HSA 6435	Health Economics
HSA 6758	Quality Management in Health Care
HSA 6905	Health Policy

Select one from the following:

Select one general administration courses approved by the M.P.A. director. These will normally be departmental courses but in special circumstances, graduate courses in other University programs may be acceptable; or

If a student is designated as a pre-professional student, an internship may be required. The internship course will count as one of the five required elective courses. Designation will be made by the M.P.A. director, in consultation with the M.P.A. steering committee.

INR 6079	Terrorism & Public Safety
PAD 5385	Public Pol Formation & Implem
PAD 5605	Administrative Law
PAD 6021	Case Studies in Public Administration
PAD 6053	Issues in Public Management
PAD 6207	Municipal Finance Administration
PAD 6447	Man Div in Public & Nonprofit Org
PAD 6612	Regulatory Administration
PAD 6807	Urban Administration
PAD 6900	Directed Independent Study
PAD 6934	Special Topic: Public Administration
PAD 6946	Internship in Public Administration
POS 6095	Intergovernmental Relations
POS 6158	Politics & Policy in Local Government
URP 6058	Urban & Regional Planning

Major: Public Administration
Concentration: Local Government Policy & Admin
Degree: Master of Public Administration

Prerequisites (3 Credits)

One undergraduate course in American Government or American Political System.

POS 2041	3	Intro American Gov

Core Requirements (27 Credits)

Each student is required to defend a research paper written in conjunction with the two course capstone sequence, PAD 6706 & PAD 6066.

Note: PAD 5700 is a prerequisite for PAD 6706, PAD 6066, and PUP 6007. PAD 6706 is a prerequisite for PAD 6066.

Students from the UNF undergraduate M.P.A. fast track program who have successfully met the admission requirements of the M.P.A. program are not required to take PAD 6060. They must take the remainder of the M.P.A. core but are further required to take only three electives, for a total of 33 credits of graduate course work.

Grades of "B" or above are required in at least eight of the nine required core courses in order to graduate in the program.

If a student does not complete the capstone project by the end of the term in which they took PAD 6066, then the student must register for PAD 6900 Directed Independent Study for one credit hour with their capstone committee chair each semester (summer sessions excepted) until the project is complete.

PAD 5700	3	Public Admin Research Methods

PAD 6706 3 Research Design
PAD 6060 3 Public Admin in Modern Society
PAD 6066 3 Capstone Seminar
Prereq: requires permission of M.P.A. director
PAD 6106 3 Admin Behavior in Public Org
PAD 6227 3 Government Budgt & Finance
PAD 6417 3 Hum Res: Pub & Nonprofit Mgmt
PAD 6436 3 Ethics for Administrators
Select one course from the following:
PUP 6006 3 Prog Eval: Public & Nonprofit Mgmt
PUP 6007 3 Policy Analysis

Major Requirements (15 Credits)
Select four from the following:
PAD 5385 Pub Policy Formation & Implementation
PAD 6207 Municipal Finance Administration
PAD 6807 Urban Administration
POS 6095 Intergovernmental Relations
URP 6058 Urban & Regional Planning
Select one from the following:
Select one general administration courses approved by the M.P.A. director. These will normally be departmental courses but in special circumstances, graduate courses in other university programs may be acceptable; or

If a student is designated as a pre-professional student, an internship may be required. The internship course will count as one of the five required elective courses. Designation will be made by the M.P.A. director, in consultation with the M.P.A. steering committee.
INR 6079 Terrorism & Public Safety
PAD 5385 Pub Pol Formation & Implem
PAD 5605 Administrative Law
PAD 6021 Case Studies in Public Administration
PAD 6053 Issues in Public Management
PAD 6207 Municipal Finance Administration
PAD 6447 Man Diver in Pub & Nonprofit Org
PAD 6612 Regulatory Administration
PAD 6807 Urban Administration
PAD 6900 Directed Independent Study
PAD 6934 ST: Public Administration
PAD 6946 Internship in Public Administration
POS 6095 Intergovernmental Relations
POS 6158 Politics & Policy in Local Government
URP 6058 Urban & Regional Planning
Students may also select as electives any course in an area of concentration other than their own with the approval of the M.P.A. director and M.P.A. steering committee.

M.P.A. students must meet the minimum graduation requirements for master's degree students at the University. All students must apply for graduation during registration for the last semester of courses in the program. Deadlines are published online.

Major: Public Administration
Concentration: Nat'l Security Policy & Admin
Degree: Master of Public Administration

This concentration is open only to persons who are enrolled simultaneously in both the UNF M.P.A. program and the Naval War College nonresidential seminar program or who have completed the NWC program prior to acceptance in the UNF M.P.A. program.

Core Requirements (27 Credits)
Each student is required to defend a research paper written in conjunction with the two-course capstone sequence, PAD 6706 & PAD 6066.

Note: PAD 5700 is a prerequisite for PAD 6706, PAD 6066, and PUP 6007. PAD 6706 is a prerequisite for PAD 6066.

Students from the UNF undergraduate MPA fast track program who have successfully met the admission requirements of the MPA program are not required to take PAD 6060. They must take the remainder of the MPA core but are further required to take only three electives, for a total of 33 credits of graduate course work.

Grades of "B" or above are required in at least eight of the nine required core courses in order to graduate in the program.

If a student does not complete the capstone project by the end of the term in which they took PAD 6066, then the student must register for PAD 6900 Directed Independent Study for one credit hour with their capstone committee chair each semester (summer sessions excepted) until the project is complete.
PAD 5700 3 Pub Adm Rsrch Meth
PAD 6706 3 Research Design
PAD 6060 3 Pub Admn/Modrn Socty
PAD 6066 3 Capstone Seminar
Prereq: requires permission of M.P.A. director
PAD 6106 3 Admin Behavior Public Org
PAD 6227 3 Government Budgt & Finance
PAD 6417 3 Hum Res for Public/Nonprofit Mgmt
PAD 6436 3 Ethics for Administrators
Select one course from the following:
PUP 6006 3 Prog Eval: Pub and Nonprofit Mgmt
PUP 6007 3 Policy Analysis

Major Requirements
Students may select courses in graduate programs other than the M.P.A. program with the approval of the M.P.A. director.

M.P.A. students must meet the minimum graduation requirements for master's degree students at the University.

All students must apply for graduation during registration for the last semester of courses in the program. Deadlines are published online.

Select from the following:
National security policy and administration track students must transfer 9-15 credits from the Naval War College nonresidential seminar program in order to meet the 42-hour M.P.A. graduation requirement.

Select any two following courses if nine credits are transferred from the Naval War College. Select any one of the following courses if 12 credits are transferred from the Naval War College.

PAD 5385	Pub Pol Formation & Implementation
PAD 5605	Administrative Law
PAD 6021	Case Studies in Public Administration
PAD 6053	Issues in Public Management
PAD 6207	Municipal Finance Administration
PAD 6447	Man Diver in Pub & Nonprofit Org
PAD 6612	Regulatory Administration
PAD 6807	Urban Administration
PAD 6900	Directed Independent Study
PAD 6934	ST: Public Administration
PAD 6946	Internship in Public Administration
POS 6095	Intergovernmental Relations
POS 6158	Politics & Policy in Local Government
URP 6058	Urban & Regional Planning

Major: Public Administration
Concentration: Non-Profit Management
Degree: Master of Public Administration

Prerequisites (3 credits)
One undergraduate course in American Government or American Political System.

POS 2041	3	Intro To American Government

Core Requirements (27 credits)
Each student is required to defend a research paper written in conjunction with the two-course capstone sequence, PAD 6706 & PAD 6066.

Note: PAD 5700 is a prerequisite for PAD 6706, PAD 6066, and PUP 6007. PAD 6706 is a prerequisite for PAD 6066.

Students from the UNF undergraduate M.P.A. fast track program who have successfully met the admission requirements of the M.P.A. program are not required to take PAD 6060. They must take the remainder of the M.P.A. core but are further required to take only three electives, for a total of 33 credits of graduate course work.

Grades of "B" or above are required in at least eight of the nine required core courses in order to graduate in the program.

PAD 5700	3	Public Admin Research Methods
PAD 6706	3	Research Design
PAD 6060	3	Public Admin in Modern Society
PAD 6066	3	Capstone Seminar

Prereq: requires permission of M.P.A. director

PAD 6106	3	Admin Behavior in Public Org
PAD 6227	3	Government Budget & Finance
PAD 6417	3	Human Res in Public/NP Mgmt
PAD 6436	3	Ethics for Administrators

Select one from the following:

PUP 6006	Prog Eval for Pub & Nonprofit Mgmt
PUP 6007	Policy Analysis

Major Requirements (15 credits)
Students may also select as electives any course in an area of concentration other than their own with the approval of the M.P.A. director and M.P.A. steering committee.

M.P.A. students must meet the minimum graduation requirements for masters degree students at the University.

PAD 6142	3	Mgt of Nonprofit Orgs
PAD 6208	3	Nonprofit Financial Management
PAD 6335	3	Strat Plan Pub / Nonprofit Org

Select one from the following:

PAD 6447	Man Diversity in Public & Nonprofit Org
PAD 6006	Prog Eval for Public & Nonprofit Mgmt

Select one from the following:
Select one general administration courses approved by the M.P.A. director. These will normally be departmental courses but in special circumstances, graduate courses in other University programs may be acceptable; or

If a student is designated as a pre-professional student, it may count as the required elective course. Designation will be made by the M.P.A. director in consultation with the M.P.A. steering committee.

PAD 5385	Public Policy Formation & Implem
PAD 5605	Administrative Law
PAD 6021	Case Studies in Public Administration
PAD 6053	Issues in Public Management
PAD 6207	Municipal Finance Administration
PAD 6447	Man Diver in Pub & Nonprofit Org
PAD 6612	Regulatory Administration
PAD 6807	Urban Administration
PAD 6900	Directed Independent Study
PAD 6934	ST: Public Administration
POS 6095	Intergovernmental Relations
POS 6158	Politics & Policy in Local Government
PAD 6946	Internship in Public Administration
URP 6058	Urban & Regional Planning

If a student does not complete the capstone project by the end of the term in which they took PAD 6066, then the student must register for PAD 6900 Directed Independent Study for one credit hour with their capstone committee chair each semester (summer sessions excepted) until the project is complete.

All students must apply for graduation during registration for the last semester of courses in the program. Deadlines are published online.

Major: Nonprofit Management Certificate
Degree: Post-baccalaureate Certificate

Certificate Requirements (12 credits)
The Graduate Certificate in Nonprofit Management is composed of four required courses (three common courses and one approved elective courses and consists of 12 credit hours that provide participants with detailed knowledge and skills in nonprofit management. Students are not required to be admitted to the M.P.A. or any other UNF graduate program to earn the certificate. However, students enrolled in any UNF graduate program can earn the certificate by taking the following courses.

PAD 6142	3	Mgt of Nonprofit Orgs
PAD 6208	3	Nonprofit Financial Management
PAD 6335	3	Strat Plan Pub / Nonprofit Org

Select one from the following:

Human Resources

PAD 6417	Hum Res for Pub & Nonprofit Mgmt
BUL 6840	Employment Law
HSA 6342	Healthcare Hum Res Prog Eval
PAD 5700	Public Administration Research Methods
PAD 6006	Prog Eval for Pub & Nonprofit Mgmt
EDG 6287	Prin of School Account & Assmt
ECO 6415	Making Decisions with Data
EDG 6285	Fundamentals of Program Evaluation
HSA 6435	Healthcare Economics
HSC 6716	Health Program Evaluation
HSC 6735	Health Science Research
SYA 6657	Evaluation & Program Analysis Diversity
PAD 6447	Man Diver in Pub & Nonprofit Org
EDF 6687	Multicul & Urban Found: Ed Grant Mgmt
EDA 6930	Grants Development & Project Design
HSC 6706	Grantsmanship

Department of Psychology

Linda A. Foley, Ph.D., Professor & Chair
Lynne Carroll, Ph.D., Professor & Coordinator, M.A.C.P. Program
Iver H. Iversen, Ph.D., Professor
J. Jurek Karylowski, Ph.D., Professor
Christopher T. Leone, Ph.D., Professor
Rebecca A. Marcon, Ph.D., Professor
Susana P. Urbina, Ph.D., Professor
C. Dominik Güss, Ph.D., Associate Professor
Michael J. Herkov, Ph.D., Associate Professor
Lori J. Lange, Ph.D., Associate Professor
F. Dan Richard, Ph.D., Associate Professor
Randall J. Russac, Ph.D., Associate Professor & Coordinator, M.A.G.P. Program
Ma. Teresa Tuason, Ph.D., Associate Professor
Dongyuan Debbie Wang, Ph.D., Associate Professor
Gabriel J. Ybarra, Ph.D., Associate Professor
Adam C. Carle, Ph.D., Assistant Professor
Brian J. Fisak, Ph.D., Assistant Professor
Susan Perez, Ph.D., Assistant Professor
(904) 620-2807

Master of Arts in Counseling Psychology

The Master of Arts in Counseling Psychology (M.A.C.P.) program is a full-time program designed to prepare students to practice in the emerging professional roles of a master's level practitioner. The program emphasizes the development of counselor-client communication skills, both verbal and non-verbal, and stresses the importance of supporting those skills with didactic and experiential training. The M.A.C.P. program the will endeavor to provide graduates with the following objectives:

1. Awareness and adherence to ethical standards and licensure requirements of the profession.
2. Basic counseling and relationship-building skills.
3. Interviewing assessment and diagnosis proficiency.
4. Implementation of clinical intervention strategies to enhance personal development and resiliencies and to facilitate mental health difficulty resolution.
5. Function as informed consumers of empirical findings who are able to develop their knowledge through critical thinking, ongoing career-long learning, and research.
6. Sensitivity to multicultural diversity and an understanding of how diversity relates to clinical practice.

Program

The M.A.C.P. program consists of 60 credit hours of study in psychology. Included in the program are a practicum, internship requirement, and a thesis option. Upon completion of both the M.A.C.P. program and an ethics class, the academic requirements for a mental health counselor license in the state of Floirda will have been met.

Admission

For admission consideration, each student's complete application including receipt of all transcripts, GRE scores, autobiographical statement and letters of recommendation should be sent to the Graduate School before March 1. The Department of Psychology intends to extend offers to prospective candidates by April 15. These candidates will have two weeks to notify the psychology department regarding acceptance of our offers. Interested students should begin the application process by contacting the UNF Graduate School at (904) 620-1360 and requesting that an information package on the M.A.C.P. program be sent to them. Any follow-up questions can be directed to the Psychology Office at (904) 620-2807.

All application materials must be sent directly to the UNF Graduate School, not to the Department of Psychology.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

In addition to the basic University requirements for graduate admission, the following special requirements are necessary for admission consideration to the M.A.C.P. program:

1. A combined verbal and quantitative score of 1000 on the GRE or a 3.0 average for the last 60 credits of undergraduate study.
2. A personal statement. Review the following series of questions carefully. Be sure to address each question in detail. Your responses should be typewritten (12 pt. font size).
   a. Describe your motivations for wanting to become a professional in mental health counseling.
   b. Briefly note the particular life events and experiences that play a role in your ambition to become a professional in mental health counseling.
   c. Describe your short-term and long-term professional goals.
   d. Name a particular text or author in the psychological/mental health field that has influenced you the most and describe why.
3. Resume. Your professional resume should summarize your education, employment and volunteer work history related to psychology, research activities and any psychology related publications/presentations/posters at professional conferences.
4. Two letters of reference from faculty members and/or employers that recommend the suitability of the applicant for graduate study and a profession in counseling psychology;
5. One of the following:
   a. At least nine credits in psychology from an approved institution, including the following courses: research methods or experimental psychology, personality theories or abnormal psychology, and an elective; (Note: Acceptable equivalents will be considered if requested in writing by the applicant; the course requirements may be satisfied by completing the course work at an approved college-level institution with a GPA of 3.0 or better.
   b. A score at the 50th percentile or higher on the Psychology Test of the GRE
6. The student will be required to have a personal interview prior to final admission. For more information on the Master of Arts in Counseling Psychology program, call or write the Department of Psychology or the Graduate School and request an information packet.

Note: Admission to the M.A.C.P. is competitive, and meeting minimum qualifications does not guarantee admission.

Retention

The record of any student who receives a grade of "C" or lower will be referred automatically to the graduate coordinator for review of the desirability of the student's continuation in the program.

Graduate Advising

All newly admitted students in the M.A.G.P. and M.A.C.P. programs will first meet with their respective graduate coordinators at the annual orientation prior to the beginning of the fall semester. After the first semester of graduate study, students in the M.A.G.P. program meet with their graduate coordinator to form his/her own graduate committee, which will then direct the student through the rest of the program. Students in the M.A.C.P. program meet with the graduate coordinator, who remains their advisor, each semester to discuss their program of study. An annual review of student performance, conducted at midyear, will further inform about student progress.

Major: Counseling Psychology
Degree: Master of Arts Counseling Psychology

Prerequisites (10 credits)

Select one research method/experimental

PSY 3214	Psychology Research Methods
PSY 3213L	Research Methods Lab
PSY 4302C	Psychological Testing
EXP 3680C	Experimental Cognitive Psychology
SOP 3214C	Experimental Social Psychology
EAB 3013C	Experimental Analysis Behavior/Lab
EXP 3703C	Comp App in Psychological Research

Select one from the following:

CLP 4143	Psychology of Abnormal Behavior
PPE 4003	Personality Theories

Select one 4000 level psych elective

CLP/EAB/EXP/DEP/INP/PCO/PPE/PSY/SOP

Major Requirements (54 Credits)

Grades of "B" or above are required in all courses. A minimum of 60 credit hours are required for the degree (in addition to any necessary prerequisites). The record of any student who receives a grade of "C" or lower will be referred automatically to the graduate coordinator for review of the desirability of the student's continuation in the program.

PCO 6317C	4	Individual Evaluation/Assess
PSY 6216	3	Research/Program Evaluation
CLP 6166	3	Psychopathology
PCO 6406C	3	Counseling Theory And Practice
PCO 6407C	4	Group Theories
PCO 6408C	3	Found Mental Health Counseling
CLP 6459	3	Principles Of Sex Therapy
DEP6055	3	Human Development
PCO6943	1-9	Internship
PCO6051	3	Counseling Community Settings

PCO6869	3	Ethical/Legal Issues
PCO6311	3	Psy Substance Abuse/Addiction
PCO6939	3	Counseling Seminar
PCO6939	3	Sem: Marriage & Family Therapy
PCO6271	3	Social/Cultural Foundations
PCO6531	3	Career/Lifestyle Assessment

Major Electives (3 Credits)

All students must apply for graduation during registration for the last semester of courses at UNF. Deadlines are published online.

Select three or four credits

PPE 6466	Advanced Personality Theories
SOP 6069	Advanced Social Psychology
PSY 6910	Supervised Research
CLP 6441C	Individual Intelligence Testing
CLP 6445C	Individual Personal Testing
PSY 6931	Special Topics; or

Select six credits

PSY 6971	Thesis

Master of Arts in General Psychology

The Master of Arts in General Psychology (M.A.G.P.) is a broad based, research-oriented program intended to equip students with the critical skills and knowledge necessary for continued occupational and educational advancement in the field of psychology. The program consists of course work designed around a core curriculum of statistics, research design, substantive areas of psychology and a research based thesis. Depending upon the particular sequence of courses and research experiences selected, students completing the program are qualified:

1. to go on to further graduate work at universities offering a Ph.D. in psychology;
2. to find employment in jobs requiring master's level expertise in applied psychology; and/or
3. to work as human factors and evaluation research specialists in government, community agencies and industry.

Program

The M.A.G.P. program consists of 39 credit hours of course work, including three hours of supervised research and six thesis hours. Most students complete the program in two academic years.

Admission

Applications for admission in the fall of the upcoming academic year are considered between March 1 and June 1. The student's completed application must be available to the director of the M.A.G.P. program on or before June 1 and include all of the following: transcripts, resume or vita, GRE scores, and letters of recommendation. All application materials should be sent directly to the UNF Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224, not to the Psychology Department.

In addition to the basic University requirements for graduate admission, the following special requirements are necessary for admission to the M.A.G.P. program:

1. The student must have a bachelor's degree from a regionally accredited institution and have earned a cumulative GPA of 3.0 or higher for the last 60 credits of course work.
2. The student must have completed at least 12 credits in psychology from an approved institution, including one course each in:
   a. statistics or research methods and
   b. experimental psychology (typically a four-hour lab course), as well as two courses from the following list: personality, psychobiology, lifespan development, social, or cognition.

   The student must have maintained a cumulative GPA of 3.0 or higher across these courses. Acceptable equivalents will be considered if requested in writing by the applicant. Course requirements may be satisfied by earning a satisfactory score on the appropriate College Level Exam Program (CLEP) test or on the appropriate advanced placement program test.
3. Scores on the verbal and quantitative components of the GRE must be submitted as part of the application procedure. Normally, the student will have earned minimum scores of either 450 on the verbal and 550 on the quantitative component. Additionally, the verbal score may not fall below 400 or the quantitative score below 500.
4. A resume (vita) no more than two pages in length should be provided that includes the following information:
   a. reasons for seeking admission to the M.A.G.P. program,
   b. professional and career objectives,
   c. publications/ presentations/posters (referenced appropriately), and
   d. any additional research, work or volunteer experiences related to psychology and/or the student's career goals.
5. Two letters of recommendation must be submitted from faculty and/or employers who can speak to the suitability of the applicant for graduate study and the profession of psychology.
6. The student may request a personal interview, either by phone or in person, prior to final admission.

Interested students should begin the application process by contacting the UNF Graduate School at (904) 620-1360 and requesting an information package on the M.A.G.P. program. Any follow-up questions can be directed to the Psychology office at (904) 620-2807.

Major: General Psychology
Degree: Master of Arts

Prerequisites **(12 Credits)**

Select one Research Methods/ Statistics
- PSY 3214 Research Methods Psy
- PSY 3213L Research Methods Lab
- STA 2014 Elem Sta-Hlth/SS

Select one Experimental Course
- EAB 3013C Exptl Ana Behvr/Lab
- EXP 3461C Human Learn & Perfor
- EXP 3680C Exptml Cognitive Psy
- PSY 4302C Psychological Testng
- SOP 3214C Expermtl Social Psy
- EXP 3703C Comp Appl Psycho Res

Select two from the following:
- CLP 4143 Psy of Abnormal Behavior
- DEP 3054 Lifespan Dev Psych
- EXP 3604 Cognitive Psychology
- PPE 4003 Personality Theories
- PSB 3002 Psychobiology
- SOP 3004 Social Psychology

Major Requirements (39 Credits)

DEP 6055	3	Advanced Human Development
EXP 6506	3	Learning and Cognition
PPE 6466	3	Advanced Personality Theories
PSY 6217	4	Research Design and Analysis
SOP 6069	3	Advanced Social Psychology
PSY 6910	3	Supervised Research Take Twice
PSY 6937	1	Colloquium Take Twice
PSY 6971	3	Thesis Take Twice
STA 5126	3	Stat Methods in Social Sci
PSY 6932	3	Seminar in Psychological Science
PSB 603	3	Advanced Biopsychology

Department of Sociology and Anthropology Faculty

Adam Shapiro, Ph.D., Associate Professor & Chair
David Jaffee, Ph.D., Professor & Assistant Vice President, Undergraduate Studies
Jeffry Will, Ph.D., Professor & Director, Northeast Florida Center for Community Initiatives
Rosa De Jorio, Ph.D., Associate Professor
Ronald Kephart, Ph.D., Associate Professor
Ronald A. Lukens-Bull, Ph.D., Associate Professor
Krista E. Paulsen, Ph.D., Associate Professor & Graduate Coordinator
Richard D. Phillips, Ph.D., Associate Professor
Gordon Rakita, Ph.D., Associate Professor
Ye Luo, Ph.D., Assistant Professor
Aleksandra Sasha Milicevic, Ph.D., Assistant Professor
Suzanne Simon, Ph.D., Assistant Professor
Jenny Stuber, Ph.D., Assistant Professor
Robert L. Thunen, Ph.D., Assistant Professor
Nancy L. Winterbauer, Ph.D., Research Assistant Professor
(904) 620-2850

Master of Science in Applied Sociology

The primary goal of the M.S. in Applied Sociology is to provide training in sociological research and theory, as well as a broad based understanding of applied sociological research and social issues and problems. In addition, the program offers highly qualified and motivated students the opportunity to develop the academic skills required for continued training at the doctoral level. Thus, the program is designed to provide both classroom-based academic instruction and hand-on research training.

The M.S. in Applied Sociology program consists of 33 credit hours with three primary options. First, the thesis option consists of 27 credits of course work and a six-hour thesis component. Second, the non-thesis option includes 33 credits of course work and a comprehensive examination. Third, the applied practicum option includes 27 credits of course work and a six-hour practicum. The primary course offerings focus on research methodology, applied social program evaluation and assessment, sociological theory, social problems and inequality, as well as other relevant substantive areas within Sociology. Electives include courses in urban systems, demography, community, organizations, aging, race/ethnicity, gender, poverty/inequality, culture, and other areas.

Graduate Advising

Applicants to the Master's in Applied Sociology program will work with the program director to develop their initial graduate program of study. At the end of the first year of graduate study, students will work with the program director and sociology faculty to develop a graduate committee that will direct the student through completion of the program.

Admission

To be admitted to the Master's in Applied Sociology Program, applicants must meet both University of North Florida and program admission requirements. These include:

University Requirements

1. A baccalaureate degree from an approved college or university;
2. At least one of the following:
   a. A grade point average of 3.0 (B) or higher for all

work as an upper division student;
b. A composite score of 1000 or better on the verbal and quantitative sections of the Graduate Record Exam (GRE); or
c. A graduate degree from a regionally accredited university.

Note: All applicants must submit GRE scores.

Departmental Requirements

To be considered for admission to the Master in Applied Sociology Program, the applicant must submit the following to the Graduate School:

1. A letter requesting admission to the program discussing:
   a. Academic and other relevant experiences;
   b. Career goals;
   c. Areas of interest in the field; and
   d. Reasons for seeking the degree.
2. Three letters of recommendation from former or current professors, or other responsible individuals familiar with your interests and capabilities,
3. Evidence of satisfactory completion of program prerequisites.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Ordinarily, students are admitted to the program beginning in the fall semester. Deadlines for application to the University are April 15 for fall semester, and October 1 for spring semester. Students failing to meet University or program requirements may petition the program for an exceptional admission, in accordance with University graduate admissions policies.

Major: Applied Sociology
Degree: Master of Science

Prerequisites **(6 Credits)**

Select one Methods or Statistics from:

SYA 3300		Logic of Inquiry
STA 2014		Elem Stat for Health & Soc Sci Majors
SYA 4010	3	Sociological Theory

Major Requirements **(15 Credits)**

Students must apply to graduate by the published deadline during their final semester.

Grades of "B" or better are required in all graduate courses.

SYA 6125	3	Dev Social Theory
SYA 6305	3	Quantitative Research Methods I
SYA 6455	3	Quant Rsch Methods II
SYA 6315	3	Qualta Rsch Methods
SYA 6657	3	Eval & Prog Analysis

Major Electives

All courses must be completed with grades of "B" or better. Select thesis or non-thesis options. Thesis or applied practicum option: Select 12 credits of major electives Non-thesis option:

Select 18 credits of major electives

SYA 6126	Contemporary Social Theory
SYA 6308	Population Analysis
SYA 6909	Directed Independent Study
SYA 6938	ST: Sociology
SYA 6941	Practicum in Applied Sociology
SYD 6426	Urban Sociology
SYD 6515	Environment & Society
SYD 6605	Community & Society
SYD 6706	Race Relations
SYO 6535	Social Stratification
SYO 6545	Organizations & Work
SYP 4561	Child Abuse & Incest
SYP 6448	Social Change & Development
SYP 6667	Sociology of Culture
SYP 6668	Analsys of Subculture Perspective
SYP 6735	Sociology of Aging

Exit Requirement **(6 Credits)**

Select from the following options.

1. Thesis option (must take six credits of thesis). Requires consent of graduate director.
   SYA 6975 3-6 Master Thesis; or
2. Non-thesis option Requires a written comprehensive exam and consent of graduate director; or
3. Practicum option (must take six credits of practicum) Requires consent of graduate director.
   SYA 6941 Practicum in Applied Sociology

College of Arts & Sciences Course Descriptions

ART & DESIGN

ART 5930C-Special Topics in Art v. 1-3

Prerequisite: Permission of instructor. Introductory graduate-level course in art. May be repeated for a maximum of 15 credits under different topics.

BIOLOGY

BCH 6876C-Membrane Biology 4

Prerequisite: PCB 4713C or by permission of instructor. This course is a lecture and laboratory offering to advanced biology students who have had introductory courses in physiology and molecular biology and wish a more in-depth exposure to current trends in membrane biology. In addition, a hands-in laboratory experience with modern experimental tools used to conduct state-of-the-art research in this area of biology will also be offered. Lecture topics will be selected from current scientific publications and laboratories will introduce students to new technical skills which will be followed by application of these skills to individual student research projects.

BSC 5099C-Advanced Physiology 4

Prerequisite: Permission of the instructor. The study of functional activities and interactions of cells, tissues, and organs, with emphasis on respiration, excitation, transport phenomena, and control mechanisms. An independent literature research project will be required.

BSC 5905-Directed Independent Study in Biology v. 2-4

Prerequisite: Permission of instructor. Participation in a research investigation under the supervision of the instructor. May be repeated for credit.

BSC 5931-Advanced Readings in Biology v. 1-3

Prerequisite: Permission of instructor. This course will focus on critical readings of current primary research literature in the area of molecular genetics. Topics will include DNA structure and function, gene expression and regulation, and other related topics in either prokaryotic or eukaryotic systems. Students will lead and participate in discussions of research hypotheses, methods, and data interpretation.

BSC 5936-Selected Topics in Biology v. 1-4

Prerequisite: Permission of instructor. Introductory graduate-level course in biology. May be repeated for credit.

BSC 6098C-Environmental Physiology 4

Prerequisite: PCB 4713C or permission of the instructor. This course is designed to prepare students to conduct graduate research in environmental physiology or a related field. Students will learn how animals cope with challenging, changing environments. The themes of the course will be acclimation, or physiological adjustment to a new environment, and physiological adaptation, or genetic change of regulatory mechanisms.

BSC 6931-Advanced Readings in Biology v. 1-3

Prerequisite: Permission of instructor. This course will focus on in-depth reading and discussion of primary literature in biology. Before the course, the instructor will be responsible for advertising the sub-discipline in biology on which the course will focus. The exact papers to be read will depend on the interests of the instructor and the students. The readings will be a series of papers on a single topic for several weeks, so that the conversation on the topic continues from meeting to meeting.

BSC 6971-Graduate Thesis Defense 1

Prerequisite: Permission of instructor. Graduate students in biology must take this course during their final semester in the program. Students must complete the written portion of their thesis and provide a public oral defense. It is required for partial fulfillment of the graduate degree in biology.

BSC 6972-Graduate Thesis Research v. 1-9

Prerequisite: Acceptance into the MS Program in Biology. MS graduate students in biology must complete a minimum of 10 graduate thesis research credits in partial fulfillment of the requirements for the MS in Biology degree. Students will conduct directed independent research under the advisement of their graduate advisor and committee.

MCB 5205-Pathogenic Bacteriology 3

Prerequisite: MCB 2013C. This course will delve into the biologic basis of infectious diseases. It will emphasize bacterial infections, the principles of the host-parasite relationship, the pathogenic characteristics and virulence factors of microorganisms, and the various modes of action of antimicrobial agents. Three hours lecture.

PCB 5106-Cellular Biology 3

Prerequisite: BA or BS in a natural science area. A study of cell structure and functions with emphasis on the structure and function of intracellular organelles and their biochemistry. Three hours lecture.

PCB 5314C-Marine Ecology 4

Prerequisite: PCB 2033C, OCB 2003C or equivalent. A study of the distribution and dynamics of marine populations in relation to the physical and chemical environment of the ocean. Open to certified biology teachers and advanced undergraduates by permission of instructor. Three hours lecture, four hours laboratory. *(A laboratory fee of $25 will be assessed.)*

PCB 5525-Molecular Genetics 3

Prerequisites: PCB 3023C, BCH 4033, PCB 3063C. This course will detail the molecular basis of inheritance in both prokaryotes and eukaryotes. Topics will cover the structure and function of DNA, including replication, repair, and

recombination. Expressions of genes including transcription, translation, and processing of RNA will be covered, as well as regulation of these events. These processes will then be incorporated into the role of gene function in signal transduction and development.

PCB 5675-Advanced Evolution 3

Prerequisite: PCB 3043C, PCB 3063C or permission of the instructor. Evolution is the unifying theory of biology, linking fields as diverse as biochemistry and ecology, genetics and anatomy. In this course we will investigate both the wealth of evidence for evolution by common descent and the genetic and ecological mechanisms by which evolution occurs in natural populations. Students will be required to independently analyze current literature articles on evolutionary research on a weekly basis. In addition we will cover the history of evolutionary biology from pre-Darwinism views to present day controversies, and the key events that have lead to our current understanding of the subject.

PCB 5845-Cellular & Molecular Neuroscience 3

Prerequisite: PCB 3023C. The course is an overview of structure-function relationships in the nervous system at the molecular level. Topics include development of neurons, neuron-specific gene expression, mechanisms of neuronal plasticity in learning and memory, synaptic release, molecular biology of neurological disorders, and molecular neurophramacology. Written and oral presentations are assigned to enhance students' communication skills.

PCB 6236-Advanced Cancer Biology 3

Prerequisite: Permission of instructor. This course will focus on cancer biology at the molecular and cellular level. Changes in the genetics and behavior of cancer cells, as well as the causes of these changes will be discussed. Current aspects of cancer epidemiology and treatment will also be covered. Students who successfully complete the course will have a thorough understanding of cancer biology at the cellular level.

PCB 6446-Ecology of Wetlands 3

Prerequisite: PCB 3043C or permission of the instructor. This course will offer an in depth examination of wetlands habitats, including both marine and freshwater systems. In addition to learning about the fundamental systems, students will also be exposed to current research in freshwater and marine wetlands ecology. Much of the focus will be on systems within the Florida area, but other habitat types will also be introduced.

PCB 6447-Community Ecology 3

Prerequisite: PCB 3043C. This course will be an in-depth examination of community ecology, with emphasis on diversity, stability, trophic structure, and the processes that affect community structure.

PCB 6685-Population Genetics 3

Prerequisite: PCB 3063C or permission of the instructor. Understanding the genetic processes at work in natural populations is essential to the understanding of many biological fields including Evolution and Ecology. In this course we will discuss the basic mechanisms of population genetic change, such as mutation, non-random mating, genetic drift and natural selection. We will also cover topics such as quantitative genetics and molecular evolution.

ZOO 5235C-Advanced Parasitology 4

Prerequisite: BSC 2020C, ZOO 3713C or permission of the instructor. This course covers the biology of the most important human parasites and touches many of veterinary significance. We will consider representatives from the protistans, platyhelminthes, nematodes, and a few arthropods. Topics will include evolution, geographic range, anatomy, physiology, epidemiology and life cycles, disease caused, and treatments and cures. Students will complete a review paper on a topic of their choice in the field of parasitology.

ZOO 5455C-Advanced Ichthyology 4

Prerequisite: PCB 4713C or permission of the instructor. Ichthyology is the study of fishes. Topics covered during this course include anatomy, physiology, taxonomic diversity, life history, ecology, and behavior of fishes. Different techniques for the study of fishes will be introduced during the laboratory section. Students will be required to do an independent research project in fish biology.

ZOO 5463C-Advanced Herpetology 4

Prerequisite: BSC 2020C, ZOO 3713C or permission of the instructor. In this course we will study the biology of two vertebrate classes, the amphibia and reptilia. We will consider some critical evolutionary adaptations emphasizing anatomy and physiology of each of these groups, and then survey important members of various families. The first half of the course is devoted to amphibians, and the second half of reptiles. Students will read about a topic, plan a study, collect data, and write a term paper in the field of herpetology.

ZOO 5717C-Canine Anatomy 4

Prerequisite: BSC 2020C, ZOO 3713C or permission of the instructor. In this course we will study the dog as a model for mammalian anatomy. The emphasis will be on laboratory dissections, which are held three times per week, and will be supplemented with two lectures per week. The dissections approaches are often those taken for surgery, and many structures not located in previous courses will be found. Students will be required to conduct advanced dissections of selected anatomical structures.

ZOO 5754C-Advanced Histology 4

Prerequisite: Permission of instructor. Students will receive instruction concerning the structure and function of cells, tissues, and organs. Students will learn to recognize and identify all major cell types in the human body. The histological of cell function will be stressed. The course will be three hours lecture and four hours laboratory per week.

CHEMISTRY & PHYSICS

BCH 5025C-Biochemistry 4

Prerequisite: Graduate standing or permission of instructor. A study of the molecular basis of life emphasizing macromolecular structure and function and the production of cellular energy. Three hours lecture, four hours laboratory. *(A laboratory fee of $25 will be assessed.)*

CHM 5931-Selected Topics in Chemistry v. 1-4

Prerequisite: Permission of instructor. Introductory graduate level courses in chemistry. May be repeated for a total of 12 credits.

PHY 5936-Selected Topics in Physics v. 1-4

Prerequisite: Permission of instructor. Introductory graduate level courses in physics. May be repeated up to 12 credits under different topics.

COMMUNICATION

MMC 5935-Topics in Communications v. 1-3

Prerequisite: Graduate standing or permission of instructor. Study and report on current topics or problems in communications. May be repeated for a maximum of 9 credits under different topics.

CRIMINAL JUSTICE

CCJ 5050-Pro-Seminar in Deviance, Criminology & Criminal Justice 3

Intensive overview of the fields of social deviance, criminology, and the modern criminal justice system. Accelerated course designed for post-baccalaureate students. For prospective MSCJ students, fulfills prerequisite requirements for CCJ 3603, but does not count toward the 36 hour MSCJ degree requirement.

CCJ 5346-Crisis Intervention & Collective Behavior 3

An overview of various crisis intervention techniques applicable to criminal justice personnel. Also, an analysis of crowds and collective behavior phenomena, and methods for managing such situations. Includes role-playing.

CCJ 5456-Criminal Justice Administration Theory & Practice 3

Study of organization, communication, and motivation theories and their operational implications as they pertain to the structure and function of criminal justice entities. Includes an analysis of selected real or hypothetical cases from the criminal justice system and problem-solving exercises.

CCJ 5475-CJ Planning & Evaluation 3

Prerequisite: CCJ 6706. Examination of research design and execution of issues and techniques specific to components of the criminal justice system. Students prepare and present progressively more comprehensive treatment of selected actual and hypothetical cases.

CCJ 5635-Comparative Criminal Justice Systems 3

Examination of the analogues of law enforcement, judicial, and correctional systems of a number of specific cultures and/or societies. The particular societies chosen for comparison will differ depending on the instructor.

CCJ 5646-Organized Crime 3

This course explores criminality undertaken by groups of individuals strategically associated for the purpose of criminal activity. It is designed to introduce students to an understanding of what organized crime is, its history, evolution, and the criminal enterprises that make up organized crime. Attention is given to the cooperation between the government and organized crime as well as the legal response to this form of criminal activity. Theoretical explanations of organized crime are explored as well as the interplay between organized crime, terrorism, international crime, and technology.

CCJ 5665-Victimology 3

The study of victims of crimes of property and violence. The relationships between offender and victim, patterns of victim response and methods of victim assistance will be included.

CCJ 5668-Elite Crime 3

The etiology, nature, and proposed solutions to the crimes committed by individuals and/or organizations with a preponderance of wealth, status, and/or power. Crimes in large corporations, government, and various dimensions of organized criminal activity will be considered.

CCJ 5684-Family Violence 3

This graduate seminar is an overview of issues regarding domestic violence. Theory, definition and methodology in terms of intimate and family relationships ranging from child abuse to intimate partner violence to elder abuse will be examined. Attention will be paid to structural inequalities and how they emerge in social institutions and contexts that intersect with domestic violence. Discussions include how family violence is approached by scholars, practitioners, professionals and the general public, and possibilities for alleviating this social problem.

CCJ 5692-Women & Crime 3

Prerequisite: CJL 4310 Criminal Law & Procedures I. This course focuses on an analysis of the roles and experiences of women as victims, criminal offenders, prisoner, and professional in relationship to the criminal justice system. Particular emphasis is placed on the gendered nature of crime and social control. Questions regarding the validity of criminological theory on explaining women's involvement in crime are also discussed.

CCJ 5743-Supervised Research 3

Prerequisite: Permission of the department. Under the direction of faculty students will explore all elements of criminal justice research, including initial planning and preparation, the literature review, data collection, analysis, interpretation of the findings, and report writing. Students will also learn, first hand, the procedures for developing scholarly research for publication. May be repeated once for a maximum of six credit hours.

CCJ 5930-Issues in Modern Criminal Justice 3

This course is an in-depth focus upon major concerns in contemporary American justice. Specific areas of student will include technology, political pressures, and internal management problems.

CCJ 5934-St: Criminal Justice 3

Prerequisite: Permission of instructor. Forum for special courses for graduate students, focusing upon topics and issues not normally addressed in the general curriculum. May be repeated for a maximum of nine credits under different topics.

CCJ 6053-Criminal Justice Systems 3

Prerequisite: Admission to the program. This course examines the philosophical, legal, and contemporary operation of the criminal justice system in the American Democracy. Particular

emphasis is placed on the tension between Due Process and Crime Control; the differences between policy and practice; and the interaction between the actors of the system and the community. The course also explores the effectiveness of the American Criminal Justice System and profiles inmate populations.

CCJ 6059-Advanced Criminological Theory 3

Prerequisite: Admission to program. In-depth consideration of biological, psychological, and sociological theories of criminal behavior. Sociological, economical and political theories of law formation and law-breaking from historical and contemporary perspectives also are considered.

CCJ 6705-Advanced Methods of Criminological Research 3

Prerequisite: Admission to the program. Research design, data collection, analysis, and interpretation of data pertaining to criminological research. Advanced techniques in such methods as survey research, content analysis, and participant observation are explored.

CCJ 6706-Quantitative Research Methods 3

Prerequisites: Admission to the program and completion of an undergraduate methods or statistical course, CCJ 6705. This course introduces graduate students to quantitative social science research and it's applications to the field of criminology and criminal justice. This course examines techniques used in research, discusses how to design and conduct research projects, and how to analyze the results of such projects utilizing advanced computer statistical analysis software.

CCJ 6709-Qualitative Research Methods 3

Prerequisites: Admission to the program, CCJ 6705. This course introduces students to methods used in field studies including participation, observation and interviewing. The course involves a directed field experience and intense instruction in the collection and analysis of qualitative data. Students will be expected to produce an empirical paper at the conclusion of the course.

CCJ 6906-Directed Independent Study v. 1-4

Prerequisite: Permission of instructor. Independent study of a narrow issue or topic in criminal justice, directed by a faculty member specializing in that issue or topic. May be repeated for a maximum of 12 credits under different topics.

CCJ 6944-Supervised Teaching in Criminal Justice v. 3-6

Prerequisite: Permission of the department. Under the direction of faculty, the student participates in the planning, research, preparation, presentation, and examination aspects of the conduct of a section of an undergraduate criminal justice course. The student assumes progressively greater responsibility in each area. May be repeated for a maximum of 12 credits under different topics.

CCJ 6946-Practicum in Criminal Justice v. 3-6

Prerequisite: Permission of the department. A planned program of experience in a criminal justice agency. The student functions under the direction of agency personnel in a role analogous to that of an agency employee. Periodic meetings with supervising faculty facilitate preparation of a written report demonstrating the student's synthesis of theory and practice. May be repeated twice for a maximum of 6 credits under different topics.

CCJ 6974-Thesis/Demonstration Project v. 3-6

Prerequisite: Permission of the department. Under the direction of the faculty, the student designs and presents a project of his or her own conception which involves the completion of field research, the execution of a demonstration program or system, or a completed proposal of comparable quality and magnitude. May be repeated twice for a maximum of six credits under different topics.

CJC 5020-History & Philosophy of Corrections 3

An in-depth analysis in the history of social responses to deviance and crime and their underlying philosophical bases. Includes exploration of ancient and traditional punishments, the penitentiary and reformatory movement in the U.S., and analysis of current philosophical movements which affect modern practices.

CJC 5420-Counseling Applications in Criminal Justice 3

The exploration of how individual and group counseling strategies and techniques can be applied in situations particular to criminal justice; analysis of factors common to criminal justice settings which may affect counseling effectiveness.

CJE 6209-Law/Deviance/Social Control 3

Prerequisite: Admission to the program. This course examines the social processes by which human behavior or characteristics get banned as deviant/criminal, how societies use social control processes to deal with deviance, and how deviants respond to social control efforts and attempt to manage their deviant/criminal identities. The special role of making law in the banning of unwanted behavior or characteristics, and in the control efforts aimed at deviants who subsequently violate the rules, will be examined. Specific analysis of the role of formal and informal social control will be undertaken.

CJE 6268-Minorities & Crime 3

This course provides an overview of the role of race, social class, and ethnicity in the American criminal justice system. It examines the historical impact that the criminal justice system has had on minorities in this country, as well as the role that crime (primarily felony crime) has played in the lives of various minorities within American society. Emphasis will also be placed on both offense and victimization patterns within Black and Hispanic communities.

CJJ 5586-Working with Juveniles & Youthful Offenders 3

An overview of intervention techniques and treatment methods particularly applicable for use with juvenile delinquents, runaways, neglected or abused children and youthful offenders.

CJL 5120-Criminal Law in Criminal Justice Systems 3

Prerequisites: Senior standing or higher. This a course for entering MSCJ students requiring familiarity with criminal law, criminal procedure, and the components of the criminal justice system. These topics are studied by tracking actual or hypothetical criminal cases from the commission through the conclusion of the correctional process.

ENGLISH

AML 6455-Studies in American Literature 3

Prerequisite: Graduate standing or permission of instructor. Variable topics or themes in Colonial, Enlightenment, Romantic, Realist, Naturalist, Modern, or Contemporary American literature. May be repeated for 12 credits under different topics.

CRW 6025-Selected Topics in Creative Writing 3

Variable aspects of creative writing. Content varies.

CRW 6130-Fiction Workshop 3

A workshop for student writers of fiction. Critiques of students' own writings.

CRW 6331-Poetry Workshop 3

A workshop for student writers of poetry. Critiques of students' own writings.

ENC 6700-Theory of Composition 3

Study of the process of composition with emphasis on various theories of the creative process. Introduction to methods and styles of teaching composition.

ENG 6018-History of Literary Criticism & Theory 3

Prerequisite: Graduate standing. This course is a study of the major texts in literary criticism and theory from Plato and Aristotle to the twentieth century with an emphasis on theory and content as well as method.

ENG 6019-Contemporary Literary Criticism & Theory 3

This course is a study of various contemporary schools of and theoretical approaches to literary criticism - for example, formalist, psychological, mythic, anthropological, new historicist, feminist, structuralist, post-structuralist, deconstructionist, and others - with an emphasis on method as well as theory. May be repeated for a maximum of 12 credits under different topics.

ENG 6138-Studies in Film 3

Prerequisite: Graduate standing or permission of instructor. In-depth study of significant films as literature. Focus on critical language and skills useful for film interpretation. Readings in literature and in film scholarship.

ENG 6941-Dis: Practicum: Teaching Composition 3

Prerequisites: Graduate standing and a minimum of 24 credit hours of satisfactory work toward the MA in English. Permission of instructor and graduate coordinator. Practical experience in teaching composition at the college (freshman) level, including supervised teaching, grading, conferencing, and supervised reading. May be repeated.

ENG 6966-M.A. Exam 1

Students in the MA in English program will sign up for, and take the MA comprehensive exam toward the end of their course work (ordinarily in the term in which they finish their course work). Permission of graduate coordinator.

ENG 6971-Thesis 3

Prerequisite: Graduate standing. Master's thesis: research and writing.

ENL 6455-Studies in British Literature 3

Prerequisite: Graduate standing or permission of instructor. Variable period, topical or thematic studies in British literature such as Medieval, Renaissance, Restoration and 18th Century, Romantic, Victorian, Modern, or Contemporary. May be repeated for a total of 12 credits under different topics.

LIN 5743-ESOL Applied Linguistics 3

This course explores the ways in which scientific knowledge of the structure, acquisition, and use of language can be applied in multilingual classroom settings.

LIT 5934-Topics in Literature v. 1-3

Prerequisite: Graduate standing, permission of instructor. May be repeated up to 12 credits under different topics.

LIT 6017-Studies in Fiction 3

Prerequisite: Graduate standing or permission of instructor. Variable topics, themes, or periods such as British fiction, American fiction, or short fiction. May be repeated for 12 credits under different topics.

LIT 6037-Studies in Poetry 3

Prerequisite: Graduate standing or permission of instructor. Variable topics such as studies in lyric, epic, narrative, Metaphysical, Romantic, or Contemporary poetry. May be repeated up to 12 credits under different topics.

LIT 6047-Studies in Drama 3

Prerequisite: Graduate standing or permission of instructor. Variable periods, topics, or themes such as classical or modern, comedy or tragedy, the self in revolt, or women in drama. May be repeated up to 12 credits under different topics.

LIT 6246-Major Authors 3

Prerequisite: Graduate standing or permission of instructor. In-depth study of a major author such as Dante, Chaucer, Shakespeare, Milton, Wordsworth, Dickens, Melville, Faulkner, Yeats, Virginia Woolf, George Eliot, William Carlos Williams. May be repeated up to 12 credits under different topics.

LIT 6654-Comparative/World Literature 3

Study of literature in English translation. May include comparison of translated works with works written in English. Content varies. May be repeated up to 12 credits under different topics.

LIT 6905-Directed Independent Study v. 1-3

Prerequisites: Permission of instructor, graduate coordinator, and department chairperson. Investigation of literature topics at the advanced level. May be repeated for six credits under different topics.

LIT 6934-Special Topics in Literature 3

Prerequisite: Permission of instructor. Concepts in the study of literature. May be repeated for 12 credits under different topics.

LIT 6941-Practicum: Teaching Literature 3

Prerequisite: Graduate standing or permission of instructor. Practicum in teaching literature at the college level. Students work closely with a professor in the classroom.

HISTORY

AMH 5116-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 5137-American Revolution/Constitution 3

An examination of the economic, political and social consequences of the American Revolution; the impact of international events on the course of the Revolution; and the origins of the Constitution.

AMH 5159-Age of Jefferson & Jackson 3

The era encompassing the lives and careers of Thomas Jefferson and Andrew Jackson, with special reference to the emergence of major political parties and social attitudes and government policies regarding Native Americans and Afro-Americans.

AMH 5176-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 5207-U.S. Since World War I 3

Examines the social, political, economic, technological, and cultural forces and events that have shaped American history since World War I.

AMH 5229-Gilded Age/Progressive Era 3

Examines the changes and continuities in American history from reconstruction to World War I, particularly in the areas of industrialization, urbanization, immigration, diplomacy, government, and the ways Americans thought about themselves.

AMH 5235-U.S. in the 1920s 3

This class focuses on the American experience in the 1920s. It explores many facets of the decade including the concept of the "New Woman," the Harlem Renaissance, nativism, the ascendancy of the Republican Party, and Prohibition. 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. In addition students will investigate accounts of historians and scholars who analyze the era of the 1920s.

AMH 5395-Mark Twain's America 3

This course covers American society, culture, and politics during Mark Twain's lifetime, 1835-1910. The readings for the course consist in the main of books and essays written by Mark Twain. The premise of the course is that, if one studies American history while reading Twain, one can better appreciate his major literary works; conversely, if one reads Twain while studying American history, one can gain insights into past events not found in conventional history texts.

AMH 5405-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 change 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 the other ways southerners identified and organized themselves - by gender, class, religious beliefs, political ideologies, and residence.

AMH 5424-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 the nation. Case studies of topics in Florida history will focus on Jacksonville and other cities and regions in the state.

AMH 5429-Local History 3

A research and writing workshop intended for graduate students seriously interested in local history. Although the focus of the course is the Northeast Florida region, the techniques learned should be equally applicable to any locality in the U.S.

AMH 5446-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 5515-U.S. 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 5675-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 5677-The Civil Rights Movement 3

The complex relationship between the Civil Right Movement, popular culture and the media will be investigated in this class. Following an examination of the origins of the late twentieth century struggle for African American freedom and equality, the class will concentrate on the main stages of the movement and on artistic endeavors that creatively explore the issues generated by and associated with the Civil Rights Movement.

AMH 5934-Selected Topics: U.S. History 3

This course will present selected topics in US history. Subjects will vary according to the instructor. The course may be repeated up to five times for a total of 15 credits under different topics.

AMH 6256-Era of World War II 3

Our purpose during this course is to examine and analyze the era of World War II by focusing upon five major problems: 1) Origins of the European War, 2) The Pearl Harbor Attack, 3) The Latin American Role, 4) Wartime Diplomacy, and 5) Origins of the Cold War.

AMH 6935-Directed Reading: American History 3

Directed reading in American history for graduate students. Topics, eras, or themes will vary. May be repeated for up to 9 credits under different topics with permission of the graduate advisor.

AMH 6936-Seminar in American History 3

Graduate research seminar in American history. Topics, eras, or themes will vary. May be repeated for up to 15 credits under different topics with permission of the graduate advisor.

ASH 5225-Islamic History to 1798 3

Islamic History to 1798 examines the Islamic world from its origins, c.600 CE until the decline of the last of the great Muslim "gunpowder" empires in the 18th century. The first half of the course will concentrate on the religious, political, and cultural achievements of the united Islamic world. The second half of the course will focus on the spread of Islam in the Middle East, South Asia, and Africa, the success of Islamic states in the early modern period, and the crisis they faced at the end of the 18th century with the rise of Western industrial military might. Our approach to Islamic history will be interdisciplinary - combining the approaches of history, literary analysis, religious studies, and art history.

ASH 5445-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 classical arts of the tea ceremony, gardening, sculpture, literature and martial skills.

ASH 5447-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 5935-Special Topics in Asian History 3

This course will present selected topics in Asian history. Subjects will vary according to the instructor. The course may be repeated up to five times for a total of 15 credits under different topics.

ASH 6935-Directed Reading Asian History 3

Directed reading in Asian history for graduate students. Topics, eras, or themes will vary. May be repeated with permission of the graduate advisor.

ASH 6936-Seminar in Asian History 3

Graduate research seminar in Asian History. Topics, eras, or themes will vary. May be repeated with the permission of the graduate advisor.

EUH 5125-The Crusades 3

The crusades to the Holy Land lasted from 1095 until 1291, but the crusading movement came to encompass a much wider array of military expeditions - against Jews, Spanish Muslims, European heretics, Baltic pagans, and eventually Native Americans. We will study the deep roots of the crusading movement in Western Christian Society, the ways in which the crusades brought three world cultures (The West, Byzantium, Islam) into contact and confrontation, the type of cultural interactions that took place, and the continued vitality of the crusading idea in the expansion of Western Europe.

EUH 5126-Medieval Europe 3

Traces development in government and society from the collapse of the Roman Empire in the West through the revolutionary High Middle Ages to the violence of the 14th century.

EUH 5149-Renaissance Reformation 3

From 1300-1600, European society experienced profound changes in its political, religious, social and economic way of life, changes rooted in new views of the world.

EUH 5207-20th Century Europe 3

An examination of Europe from World War I to the present; analyzing the development of contemporary European politics, society, and thought.

EUH 5209-19th Century Europe 3

An examination of Europe from the French Revolution to the First World War, focusing on the dynamics of change in European politics, society, and thought.

EUH 5246-World War I 3

This course examines the history of World War I in its political, economical, social, cultural, and military dimensions.

EUH 5249-The Holocaust 3

This course examines the Holocaust - Nazi Germany's organized and systematic mass murder of European Jewry in World War II. Through readings, discussions, films, exams, and quizzes, the course explores various facets of the Holocaust, including planners, perpetrators, accomplices, collaborators, victims, bystanders, rescuers, and legacies.

EUH 5305-Byzantine History 3

The Byzantine Empire upheld the Christian, Greek, and Roman traditions of the ancient world and remained the most powerful and splendid medieval society until the 13th century. The course examines the ability of the Empire periodically to renew itself from 325 to 1453. In doing so, we shall not overlook the artistic, musical and literary achievements of Byzantine civilization and the heritage of Byzantium in later cultures.

EUH 5325-Eastern Europe 3

This course examines the major events, ideas, and issues which have shaped the history and culture of Eastern Europe from 1700 to the present. Topics include the impact of the Hapsburg and Ottoman Empires, the growth of national movements and nation-states, the influence of Europe's great powers, and the transformation caused by war, revolution, nationalism, communism, social and ethnic conflict, and democratization.

EUH 5406-Ancient Greece 3

This course will provide a detailed survey of ancient Greek history and culture, with an emphasis on working with the ancient sources. By reading the literature of the Greeks in translation, examining their archaeological and artistic remains, and studying the modern scholarship on ancient Greece, we will explore the remarkable achievements of the Greeks, and attempt to assess the contribution of Greek thought to world civilization.

EUH 5416-Ancient Rome 3

This course traces the history of Rome the early days of the republic, through the establishment of the principate, to the

transformations of the later empire. It explores how Rome encountered, absorbed, and was influenced by the peoples it ruled. It examines how the characteristic institutions of the Roman life emerged, and how they shaped the lives both of the elites and the common people. Students will explore the historiography of ancient Rome: the ancient written sources, epigraphy, and archaeological material, as well as modern scholarship.

EUH 5457-Seminar on French Revolution 3

This course examines the origins and progress of the French revolution to 1799, with particular attention to the central questions of interpretation that remain controversial over 200 years after the event: Was the Revolution inevitable? Why the Terror? Is the Revolution "finished"?

EUH 5459-France Since 1789 3

Examines the political, social, economic, and cultural aspects of French history since the Revolution.

EUH 5469-Modern Germany 3

A history of modern Germany from 1815 to the present, concentrating on the period from unification under Bismarck to present-day Germany.

EUH 5507-Modern Britain 3

Examines the political, economic and social transformations of the United Kingdom from 1714 to present.

EUH 5517-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 5537-The British Empire 3

Beginning in the 16th century and re-inventing its purpose in the 19th century, England established an international empire on which the sun never set. This course will examine the origins, growth, zenith, and decline of the British empire. We will pay particular attention to Britain's activity in the non-western world.

EUH 5578-Imperial Russia 3

Examines Imperial Russia from the time of Peter the Great to the 1905 Revolution, focusing on Russian political, social, economic, and cultural developments.

EUH 5579-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 5685-Hitler & Stalin 3

This seminar critically examines key events, issues, ideas, and actions which shaped the rise to power and the policies of Hitler and Stalin. In addition to the political personalities of both leaders, we explore politics, society, culture, and foreign affairs in Nazi Germany and Stalinist Russia.

EUH 5934-Selected Topics in 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 five times for a total of 15 credits under different topics.

EUH 6695-European History/Historians I 3

What is "Western Civilization," why do we teach it, and how do we do so? This is the first of a two-course sequence to prepare students to teach in undergraduate history programs. The course follows the structure of the undergraduate "Core" classes, but provides a much deeper background in the subject areas covered and the ways historians have dealt with them. On a weekly basis we will discuss key historical and historiographic issues from the major periods of western history.

EUH 6935-Directed Read: European History 3

Directed reading in European history for graduate students. Topics, eras, or themes will vary. May be repeated for nine credits under different topics with permission of the graduate advisor.

EUH 6936-Seminar on European History 3

Graduate research seminar in European history. Topics, eras, or themes will vary. May be repeated up to 15 credits under different topics with permission of the graduate advisor.

HIS 5067-Public History 3

This course will enhance the student's knowledge of public history by providing them with both the current literature in this more recent field of the history profession. In addition, students will be required to practice this area of history by creating their own projects to contribute to the knowledge of history, particularly local history, beyond the traditional academic arena of the classroom. Students will interact with a variety of individuals who are active in fields of public history. Other primary goals of the class are to impart extensive information about historic preservation and give students a greater understanding of the role of history professionals in this increasingly significant field of public history.

HIS 5302-History in Photography & Film 3

This course considers how photographs and films (including documentary and feature films) both distort and reflect historical reality, and how photographs and films can be used as historical evidence.

HIS 5496-History of Medicine & Disease 3

The development of the modern medical and allied health professions, with special reference to the U.S. from the late 18th through the 20th centuries; social, scientific, and historical factors that determine the nature, extent, and definition of disease.

HIS 5934-Special Topics in History 3

May be repeated up to nine credits.

HIS 6905-Directed Independent Study v. 1-4

Prerequisite: Permission of instructor. May be repeated up to nine credits under different topics with permission of graduate advisor.

HIS 6935-Special Topics in History 3

Prerequisite: Permission of instructor. The course will vary each time it is offered. May be repeated up to 9 credits under different topics with permission of graduate advisor.

HIS 6946-Internship in History 3

Prerequisites: Admission to graduate program, six hours of history graduate credit, and permission of the graduate advisor required. Provides a supervised work experience in an area historical, archaeological or cultural organization. Students must work at least 200 hours per semester. May be taken only once for credit in thesis program and twice in non-thesis program.

HIS 6971-Thesis Research v. 1-6

Prerequisite: Graduate standing. MA thesis research and writing. May be repeated for up to 15 credits with permission of graduate advisor.

LAH 5205-Latin America 3

An examination of recent Latin American history. Special emphasis will be placed on the roles of the church, landowner, military, middle sector, and peasant in the modernizing societies of selected countries.

LAH 5426-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 development of Maya, Aztec, and Inca civilizations; however, we will also focus on the importance of the earlier peoples such as Classic Teotihuacan, the Olmecs and Toltecs in Mesoamerica and the Chimu and Mochica of the Andes. Students will be introduced to some of the methodological problems that face scholars who attempt to reconstruct the history of the Americas during the pre-columbian period.

LAH 5715-Inter-American Relations 3

United States policy toward Latin America over the past 190 years has gone through a number of distinct phases and has shifted from neglect to intervention, from cooperation to conflict. Our purpose in this course is to determine how we got from the past to the present; to determine the framework of United States policies toward the region; to provide an understanding of the perceptions that U.S. policy makers have had toward Latin America; and to see the ways that the Latin Americans have responded to U.S. policy initiatives.

LAH 5775-Spiritual Conquest of Latin America 3

This seminar will examine the nature of the "spiritual encounter" between Europeans and Indians in the New World in the sixteenth and seventeenth centuries. Emphasis will be placed on the attempts to convert Indians to Catholicism and the native responses to such efforts. We will focus on the aims of the early Mendicants, their successes and their failures, as well as native attempts to gain access to Christianity.

LAH 5934-Selected Topics in 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 five times for a total of 15 credits under different topics.

LAH 5955-Latin America Abroad 3

This course combines five weeks of classroom instruction with visits to some of Latin America's most historically important archaeological sites. Destination and time frame will vary with each time the course is taught.

LAH 6935-Direct Read: Latin American History 3

Directed reading in Latin American history. Topics, era, or themes will vary. May be repeated up to nine credits under different topics with permission of the graduate advisor.

LAH 6936-Seminar: Latin American History 3

Graduate research seminar in Latin American history. Topics, era, or themes may vary.

MATHEMATICS & STATISTICS

MAA 6417-Complex Analysis 3

Prerequisite: MAA 4211. Holomorphic functions, Cauchy's theorem. power series, conformal mapping, harmonic functions, residues.

MAA 6938-Topics in Applied Analysis 3

Prerequisites: MAA 4212 and permission of the department. This course will consist of topics such as Hilbert space methods, integral equations, Fourier analysis, variational methods, spectral theory, and quantum mechanics.

MAD 6405-Numerical Analysis 3

Prerequisites: MAC 2313, MAS 3105 and a scientific computing language. Nonlinear equations, interpolation, numerical integration, direct and indirect solutions of linear equations, eigenvalue problems and error analysis for the above numerical methods.

MAE 6871-Mathematical Connections 3

Prerequisite: Graduate standing in mathematics education. In this course we study connections among various branches of mathematics. These include geometry and number theory, geometry and complex numbers, surfaces and algebra, geometry and algebra (including impossible constructions), and interesting numbers such as PI, EPISILON, IOTA, EPSILON.

MAE 6878-Math Applications Around Us 3

Prerequisite: Graduate standing in mathematics education. Topics will be chosen from graph theory, coding, voting and apportionment, scaling, geometric and numerical patterns in nature, probability, or other areas of application. Projects will be assigned for individual research relating mathematics to art, music, biology, game theory, or other areas of application.

MAP 6336-Ordinary Different Equations 3

Prerequisites: MAP 2302, MAA 4211 and MAS 3105. Existence and uniqueness theorems, properties of solutions of ordinary differential equations, linear and non-linear systems, stability.

MAP 6345-Partlal Differential Equations 3

Prerequisites: MAP 2302, MAS 3105 and MAA 4211. First order equations; classification of second order linear equations; wave, heat, and Laplace equations; separation of variables and Fourier Series.

MAP 6385-Scientific Computing 3

Emphasis will be on the practical aspects of implementing numerical schemes and the use of well established software packages. Some consideration will be given to stability and accuracy questions. Topics may include: numerical solutions of nonlinear equations, interpolation, simulation and optimization.

MAP 6605-Topics in Financial Mathematics 3

Prerequisites: MAA 4211 and MAA 4212, STA 4321, or permission of the department. Topics will include an introduction to options and derivatives, pricing via arbitrage, binomial and multi-period models, Brownian motion, Ito integral, Black-Scholes stochastic differential equation, and application to option pricing, hedging, valuing by utility, and exotic options.

MAP 6932-Topics in Optimization 3

Prerequisites: MAA 4212, MAP 2302 and permission of instructor. This course will consist of topics such as linear and nonlinear programming, integer programming, dynamic programming, calculus of variations and optimal control.

MAS 6107-Advanced Linear Algebra 3

Prerequisite: MAS 3105. Vector spaces, linear transformations, eigenvalues and eigenvectors, similarity transformations, positive definite matrices, canonical forms and other topics in linear algebra.

MAS 6311-Abstract Algebra 3

Prerequisite: MAS 4301 or permission of instructor. Algebraic structures, sub structures, quotient structures, modules, algebras and field extensions.

MAS 6933-Topics in Algebra v. 1-3

Prerequisites: MAS 4301 or permission of instructor. Selected topics from ring theory, group theory, algebraic geometry, algebraic number theory, category theory, homological algebra.

MAS 6938-Topics in Applied Algebra 3

Prerequisites: MAS 4301 and permission of the department. This course will consist of topics such as combinatorics, graph theory, coding theory, automata theory or design theory.

MAT 5932-Special Topics in Mathematical Science v. 1-3

Prerequisite: Permission of the department. Introductory graduate level courses in mathematics, statistics or computing, designed to support graduate programs in other departments in the University. May be repeated for a total of nine credits.

MAT 6908-Directed Individual Study v. 1-3

Prerequisite: Permission of the department. May be repeated for nine credits under different topics.

MAT 6933-Special Topics in Math Science v. 1-3

Prerequisite: Permission of the department. May be repeated for nine credits under different topics.

MAT 6938-Seminar in Mathematics v. 1-3

Various topics in mathematics. May be repeated for nine credits under different topics.

MAT 6971-Thesis v. 1-3

Prerequisite: Permission of the department. May be repeated for six credits.

STA 5126-Statistical Methods for the Social Sciences 3

This course covers the statistical methods most often used in social science research. Topics include regression and correlation analysis, analysis of variance, categorical data and nonparametric statistics. This course cannot be used to satisfy degree requirements by statistics and mathematics majors.

STA 6106-Computer-Intensive Methods in Statistics 3

Prerequisite: STA 4321. This course will cover a variety of statistical methods which are dependent on the availability of massive computational power. The course will include but is not limited to topics such as simulation techniques, randomization tests, Monte Carlo techniques, bootstrap methods, and numerical optimization methods. The course will involve extensive computer programming on the part of the students.

STA 6166-Statistical Methods I 3

Prerequisites: MAS 3105 and STA 4321. Descriptive statistics, confidence intervals and hypothesis testing, multiple linear regression and its diagnostics, introduction to the analysis of variance. Emphasis is placed on the application of these techniques to data and interpretation of the results.

STA 6167-Statistical Methods II 3

Prerequisite: STA 6166. Analysis of variance and covariance, and additional topics in the analysis of categorical or multivariate data.

STA 6205-Design of Experiments 3

Prerequisite: STA 6166. Principles of design, randomized blocks, Latin squares, factorial designs, split plot and incomplete block designs.

STA 6226-Sampling 3

Prerequisite: STA 6166. Survey designs, simple random sampling, stratified sampling, ratio estimates.

STA 6326-Mathematical Statistics I 3

Prerequisites: MAA 4211 and STA 4321. Probability, random variables, expected values, sampling distributions, central limit theorem, estimation, properties of estimators, order statistics.

STA 6446-Probability 3

Prerequisites: MAS 3105, MAA 4211 and STA 4321. This course covers probability distributions, conditional probability and conditional expectations. A study of some of the fundamental stochastic processes - Markov chains, the Poisson process, Renewal Theory, Brownian motion - will be covered.

STA 6505-Categorical Data Analysis 3

Prerequisite: STA 6166. This course is an introduction to the methods used to analyze categorical responses and contingency tables. Topics include models for binary response variables, logistic regression, logic models for categorical data, loglinear models and the estimation of model parameters.

STA 6666-Statistical Quality Control 3

Prerequisite: Permission of the department. We will examine the statistical properties, as well as the design, implementation, and operation, of various statistical process control (SPC) schemes including those based on Shewhart, Q, CUSUM, and EWMA control charts. Methods appropriate for

conducting a capability study will be presented. The role of SPC in process improvement will be examined, as well as statistical models useful in quality control. Additional selected topics such as acceptance sampling will be presented as time permits. SAS will be used extensively.

STA 6707-Multivariate Methods 3

Prerequisite: STA 6166. Multivariate analysis of variance, correlation, discriminant analysis, factor analysis.

STA 6908-Directed Individual Study v. 1-3

Prerequisite: Permission of the department. May be repeated for 9 credits under different topics.

STA 6932-Special Topics in Statistics v. 1-3

Prerequisite: Permission of the department. May be repeated for nine credits under different topics.

STA 6938-Seminar in Statistics v. 1-3

Various topics in statistics. May be repeated for nine credits under different topics.

STA 6940-Statistical Consulting v. 1-3

Prerequisite: Permission of instructor. Techniques, problem formulation, data analysis, and interpretation of the results of typical consulting problems. The course is designed to give students hands-on experience with statistical consulting. May be repeated for a total of nine credits.

STA 6971-Thesis v. 1-3

Prerequisite: Permission of the department. May be repeated for six credits under different topics.

MUSIC

MUS 5930-Special Topics in Music v. 1-3

Prerequisite: Permission of instructor. Introductory graduate level course in music. May be repeated for six credits under different topics.

PHILOSOPHY & RELIGIOUS STUDIES

PHI 5605-Ethics 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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, metaethics 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, as well as contemporary theorists.

PHI 5627-Ethics of Sex & Gender 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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 5628-Business Ethics 3

Prerequisite: Admittance to the MA program in Practical Philosophy and Applied Ethics. 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 5634-Bioethics 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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 medial 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 5668-Ethics East & West 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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 5675-Moral Conflict 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of

the philosophy graduate coordinator. This course will examine both the philosophical and practical issues raised by (apparent) fact that values can come into conflict. We will examine potential tensions both within morality (between liberty and equality for instance) and between morality and other evaluative concerns (such as self-interest). Question to be considered include: do moral values necessarily harmonize with one another? Might the idea of all good things coexisting be conceptually incoherent? If one comes to think that moral values are inevitably in tension with one another, what philosophical and practical upshot should this have? How much, if at all, can moral theory help in resolving moral dilemmas? Does liberalism, as some have argued, embody the best form of sociopolitical response to the plural and conflicting nature of value?

PHI 5691-Environmental Ethics 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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. Student will appreciate and understand the complexity and intricacy of the arguments involved in adopting one approach or position over another.

PHI 5808-Aesthetics 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course will examine questions such as What is art? What is beauty? What is the nature of the aesthetic experience? What is an aesthetic object? What is the role of the 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 5886-Ethics & Literature 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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.

PHI 5934-Selected Topics 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course addresses variable topics in practical philosophy and applied ethics.

PHI 6125-Ancient Greek Ethics 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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.

PHI 6405-Philosophy of Science 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course is a philosophical exploration or 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 6425-Philosophy of Social Sciences 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course is an examination of the nature, foundations, and aims of the social sciences. Attention is given to differing accounts of human action, the nature of social explanation, the structure of comparative social analysis, and the conditions for societal evaluation. Special consideration is given to the relationship of the social sciences to the humanities and the natural sciences.

PHI 6458-Philosophy of Psychiatry 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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 6907-Directed Independent Study 3

Prerequisites: Graduate status; permission of instructor, graduate coordinator, and department chairperson. This course is an investigation of a topic in philosophy at the advanced level. The course may be repeated for 6 credits under different topics.

PHI 6936-Advanced Selected Topics 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course addresses variable topics in practical philosophy and applied ethics.

PHI 6937-Proseminar I: Practical Philosophy 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course establishes conceptual links between social knowledge and its ethical application. Goals include a solid grounding in the most advanced moral, social, political, and cultural philosophies, with emphasis on relating general theoretical insights to concrete ethical issues and framing pressing practical problems in both a normative and a holistic manner.

PHI 6938-Proseminar II: Applied Ethics 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course offers an advanced study of the methods of applying ethical theory to range of actual issues encountered in the professions, such as physician assisted suicide, cloning, health care reform, human subject research, faith-based initiatives, and corporate responsibility. It addresses the normative dimension of applied ethics and the cognitive unity of applied ethics as a field.

PHI 6942-Internship in Applied Ethics v. 3-6

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course focuses on (1) documented hours of work experience with ethics committees, compliance boards, or other appropriate opportunities, and (2) a written report of the problems encountered and the solutions offered, with particular emphasis on the student's contributions. This course may be repeated up to 6 credits with permission of the graduate coordinator.

PHI 6971-Thesis v. 3-9

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course focuses on research and writing. It may be repeated for up to nine credit hours with permission from the graduate coordinator.

PHM 5056-Death & Dying 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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 spend 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 5105-Social Philosophy 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course is an analysis and evaluation of different accounts of society, social order, and human sociation. Readings come from classical social philosophers and contemporary social theorists.

PHM 5305-Political Philosophy 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course is 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 placed on classical theories and their relation to contemporary issues.

PHM 5365-Philosophy of Democracy 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. This course is 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 5405-Philosophy of Law 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. The focus of this course 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 6345-Contemporary Political Philosophy 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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 5794-Pragmatism 3

Prerequisite: Admission to the MA in Practical Philosophy and Applied Ethics or admission to the Graduate Certificate in Applied Ethics or permission of the philosophy graduate coordinator. 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 pragmatists more generally.

POLITICAL SCIENCE & PUBLIC ADMINISTRATION

INR 6079-Terrorism & Public Safety 3

This course covers the politics, ideologies, capabilities and countermeasures of global terrorism. The course traces the history and development of terrorism, examines 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, with emphasis on the political and economic costs involved and the Constitutional issues which affect the selection of specific countermeasures and tactics.

PAD 5385-Public Policy Formation & Implementation 3

This course explores alternative views of the linkage between the formation and implementation of public policy and political, organizational and environmental influences on the process of policy implementation. It also examines decision-making techniques and analytical modes for the study of policy implementation.

PAD 5605-Administrative Law 3

Prerequisite: PAD 6060 or equivalent. Case study approach to the administrative law with special emphasis on the powers, procedures, and liabilities of public agencies and their officers.

PAD 5700-Public Administration Research Methods 3

Examines research methods used by public administrators in the public sector work environment. Emphasis on basic research methods and quantitative techniques with special emphasis on public administrative problems.

PAD 6021-Case Studies in Public Administration 3

Examination of applied experiences in public management. Students analyze cases drawn from public personnel relations, budgeting, agency policy making, public service ethics and other relevant management areas.

PAD 6053-Issues in Public Management 3

The course introduces students to the field of public management and reviews the major issues facing public administrators in the management of public agencies with an emphasis on cases involving local government functions.

PAD 6060-Public Administration in Modern Society 3

Survey of study and practice of public administration emphasizing administrative theory, bureaucratic processes and politics, public versus private management and administrative responsibility.

PAD 6066-Capstone Seminar 3

Prerequisites: PAD 5700, PAD 6706, and completion of all but 12 credit hours in the MPA program. A summary and integration of the knowledge, skills and values appropriate to a professional career in public administration. Specific emphasis on the preparation of the MPA capstone paper. If student does not complete the capstone paper during this course, s/he must register for PAD 6900, Directed Independent Study, for one credit hour with committee chairperson each semester until completed.

PAD 6106-Administrative Behavior in Public Organizations 3

The examination of administrative theory and practice, with a special emphasis on the unique attributes of public bureaucracies. Topics include organizational structure and behavior, accountability, leadership, responsiveness, and administrative ethics.

PAD 6142-Management of Nonprofit Organizations 3

This is the initial course in MPA nonprofit concentration and the graduate certificate of nonprofit management. The course will introduce students to legal, political, social and managerial issues faced by nonprofit organizations. Course topics will include nonprofit incorporation, faith-based initiative requirements, board development and governance requirements, Sarbanes Oxley requirements, tax exempt status of organizations, tax exempt status of contributors, and contract management. Additionally, students will investigate the leadership qualities necessary to be successful in a nonprofit organization.

PAD 6207-Municipal Finance Administration 3

The purpose of this course is to examine urban fiscal management policies in the post industrial city. Specific emphasis will be given to public management tools utilized by cities facing potential fiscal stress.

PAD 6208-Nonprofit Financial Management 3

This course is an introduction to basic financial management techniques for nonprofit organizations. The course begins with an overview of nonprofit accounting followed by consideration of ways to manage revenues, expenses, assets and liabilities. Techniques for budgeting, cash management, inventory, management, donation receivables management, and capital debt will be considered. The course will end with a consideration of how organizations can improve fund development.

PAD 6227-Government Budget & Finance 3

Exploration of the influence of interest groups on budget decisions, with special attention to the formation of the executive budget, congressional budgeting, and various political reactions to fiscal insufficiency.

PAD 6335-Strategic Planning for Public & Nonprofit Organizations 3

This course will consider any in-depth study of two forms of organizational planning in common use by nonprofit organizations: strategic planning and project planning. For strategic planning, several common approaches will be considered and students will be required to produce a strategic plan for an organization. Students will investigate various tools used in project planning that are appropriate for task management.

PAD 6417-Human Resources for Public & Nonprofit Management 3

This course examines the processes and procedures of modern human resource management in public and nonprofit organizations. The course emphasizes the important role of public interest values as it examines various models of human resource management. Appropriate strategies for effective organizational use and development of human resources are presented.

PAD 6436-Ethics for Administrators 3

The course examines the theory and practice of administrative ethics with a focus on current ethical problems for public administrators.

PAD 6447-Managing Diversity in Public & Nonprofit Organizations 3

This course reviews organizational problems posed by differing cultural identities, and examines techniques, strategies, and positive approaches for successful management of the culturally divers workplace.

PAD 6612-Regulatory Administration 3

An exploration of government response to market failure through economic and social regulation. Topics include regulatory agencies, regulatory policy formation and implementation; theories of regulation; risk analysis and trade-offs; and deregulation.

PAD 6706-Research Design 3

Prerequisite: PAD 5700. This course provides an introduction to the types of research designs commonly used in public administration research and practice in the preparation of a formal research prospectus. It is a prerequisite for the Capstone Seminar course.

PAD 6807-Urban Administration 3

Problems and principles of municipal administration, including taxes, budgeting, planning, personnel, and the provisions of services; for example, police, fire, health, recreation, water and sewers, welfare, and education.

PAD 6836-Comparative Public Administration 3

This course will compare the public administration systems and public policy-making process in the United States, France, Germany, Britain and Japan. Administration in IGOs and NGOs, as well as in the European Union and selected developing countries will also be studied. The course will examine different means by which policy decisions are taken and implemented in different national and international contexts. The theoretical implications for administration and policy-making in the age of globalization will also be explored.

PAD 6900-Directed Independent Study v. 1-4

Prerequisite: Consent of MPA program coordinator. Specialized study of an issue or topic in public administration, directed by a faculty member specializing in that topic. May be repeated for up to nine credits under different topics.

PAD 6934-Special Topics in Public Administration v. 2-6

Exploration of topics of enduring or emerging significance in public administration. May be repeated for up to nine credits under different topics.

PAD 6946-Internship in Public Administration 3

Supervised field work in public administration. Diary and/or research project and seminar attendance required. May be repeated up to six credits under different topics.

POS 6095-Intergovernmental Relations 3

Course will focus on providing knowledge of intergovernmental administration and management. Topics of discussion will include intergovernmental policy making, program planning and implementation, development and improvement of the organization, and administration of government systems and management of governmental interactions.

POS 6158-Politics/Policy in Local Government 3

The course examines the political power structures of local governments and the related policy outcomes in terms of resource allocation and service delivery. The material also focuses on the consequences of these issues for public administrators.

PUP 6006-Program Evaluation for Public & Nonprofit Management 3

Program evaluation is the collective term for a set of methodological tools and approaches that enable observers to ascertain reliably whether or not social programs are achieving their expected results. This course examines management of the evaluation process, techniques of evaluation, and the application of evaluation results for improving program performance in both public and nonprofit organizations.

PUP 6007-Policy Analysis 3

Prerequisite: PAD 5700. The policy planning process, problems of implementing policy, evaluation of policy impacts, and techniques of policy forecasting.

URP 6058-Urban Regional Planning 3

Examination of urban planning processes, institutions, and techniques, with special attention to the physical, legal, and demographic limits of urban planning.

PSYCHOLOGY

CLP 6166-Psychopathology 3

Prerequisite: Admission to the MACP program or permission of instructor. A study of the models that have been developed to describe human adjustment and psychopathological problems. The course is designed further to provide both a knowledge base and a dynamic understanding of these behaviors in an individual's life.

CLP 6441C-Individual Intelligence Testing 4

Prerequisites: PCO 6317C and consent of the instructor. This is an introduction to the theory, administration, scoring,

and interpretation of individual tests of intelligence. The lab component will afford students practice in all facets of intelligence testing, under supervision.

CLP 6445C-Individual Personality Testing 4

Prerequisites: PCO 6317C and consent of the instructor. This is an introduction to the diagnostic assessment of personality and personality dynamics, including objective and projective techniques. The lab component will afford students supervised practice in testing, interpretation, and report writing techniques.

CLP 6459-Principles of Sex Therapy 3

Prerequisites: Graduate standing and permission of instructor. The course will provide an orientation to the etiology of sexual dysfunctions and dissatisfactions. In addition, it will cover sex counseling research and cognitive and behavioral principles used in sex therapy.

DEP 6055-Human Development 3

Prerequisite: Graduate standing or permission of instructor. The course will provide an intensive survey of the research literature and central issues concerning developmental changes across the life span. Both classical and contemporary perspectives will be examined.

EXP 6506-Learning & Cognition 3

Prerequisite: Admission to the MAGP program or permission of instructor. The course is designed to acquaint students with current theoretical and empirical work in the area of human learning, cognition, and information processing. Topics include long-and short-term memory, semantics, natural language processing, and artificial intelligence.

PCO 6051-Counseling in Community Settings 3

Prerequisite: Admission to the MACP program. This course provides an overview of principles, theories, and practices of community intervention. Topics include an examination of programs and facilities for inpatient, outpatient, partial treatment, and aftercare. Both human services networks and principles and techniques of community needs assessments and program development will be discussed.

PCO 6056-Health Psychology 3

Prerequisite: Admission to the MAGP program or permission of instructor. A general introduction to and survey of the field of health psychology. A biopsychosocial model is developed and contrasted with traditional medical models. The course explores the many ways in which social and psychological research contribute to an understanding of health and illness behavior.

PCO 6271-Social & Cultural Foundations of Counseling 3

Prerequisite: Admission to the MACP program. This course draws on an ecological perspective to examine issues of diversity in American society. During the course of the term we will focus on diversity as represented by racial/ethnic groups, gender, class and sexual orientation in American society. Particular attention will be paid to the relationships between members of these groups, mainstream society and psychological well being and effective helping relationships.

PCO 6311-Psychology of Substance Abuse & Addiction 3

Prerequisite: Admission to the MACP program. This course provides an overview of models of substance abuse and other addictive behavior. Based on these models, prevention (both primary and secondary) and treatment strategies will be discussed, including individual, group, family, and social intervention.

PCO 6317C-Individual Evaluation/Assessment 4

Prerequisites: PSY 6216 and admission to the MACP program or permission of instructor. The course introduces the principles and practices of individual evaluation and assessment within the context of psychological counseling. Emphasis is placed on understanding the basic psychometric principles needed to evaluate a wide range of test instruments and assessment tools. The experiential component of the course will center on the development and refinement of observation and interviewing skills. *(A material fee of $15 will be assessed.)*

PCO 6406C-Counseling Theory & Practice 3

Prerequisite: Admission to the MACP Program or permission of the instructor. To create an understanding of (1) the assumptions, implications, and ethics related to the counseling process; (2) the theories and methods of learning for both individual and group counseling; and (3) the application of research to the counseling process. Skill laboratory training involves the development of basic communication and facilitating counseling skills.

PCO 6407C-Group Theories 4

Prerequisites: PCO 6406C plus admission to the MACP program or permission of instructor. A laboratory/practicum experience is required in this course as well as the presentation of theoretical and research background of group counseling. The experiential group process involves participation by counseling students in an actual on-going group experience to develop an understanding of one's functioning in relation to other people and to facilitate an awareness of self and interpersonal relationships.

PCO 6408C-Foundations of Mental Health Counseling 3

Prerequisites: PCO 6317C, CLP 6166, PCO 6406C and PCO 6407C, plus admission to the MACP program or permission of instructor. To further develop the students' understanding of and ability to work with clients throughout the counseling process. This involves case management from initial contact, through assessment, evaluation, and goal development to referral. Advanced counseling skills will be taught and assessed in a laboratory setting.

PCO 6531-Career/Lifestyle Assessment 3

Prerequisites: Admission to the MACP program and PCO 6317C. The goal of this course is to provide future counselors with the tools they will need in order to implement effective strategies for career assessment and career guidance. Theories and practices in career choice and development will be examined from the perspective of the assessment process. In addition to career planning, the focus of attention will extend to social and family goals, leisure interests, and other types of decision-making through the lifespan. *(A material fee of $15 will be assessed.)*

PCO 6869-Ethical & Legal Issues in Mental Health Practice 3

The course will provide an orientation to the legal and ethical aspects of mental health counseling. Topics will include issues relevant to confidentiality, responsibilities of counselors, and professional certification and regulation.

PCO 6939-Counseling Seminar 3

Prerequisite: Established by instructor. A specialty area seminar involving theory, research, and practice in one counseling methodology; for example, vocational counseling, marriage and family counseling, Gestalt therapy, or behavior therapy. May be repeated for a total of nine credits.

PCO 6943-Internship v. 1-9

Prerequisite: Admission to Master of Arts in Counseling Psychology program. This 900 hour practical experience component of the counseling program will take place in a mental health facility or agency. Three hundred hours of this experience must be direct client contact. May be repeated up to nine credits.

PPE 6466-Advanced Personality Theories 3

Prerequisites: PPE 4004 or CLP 4143 plus admission to the MACP or MAGP program or permission of instructor. The course represents a survey of the major issues (e.g., cross-situational vs. situational specificity of behavior), "grand" theories (e.g., psychoanalytic), and experimental approaches (e.g., focus of control in personality). Course content provides a knowledge base relevant to counseling.

PSB 6031-Advanced Biopsychology 3

Prerequisite: Consent of instructor. This graduate level course provides an in-depth exploration of the biological underpinnings of behavior. The course will cover current topics in neuroscience, psychopharmacology, psychophysiology, and behavioral medicine.

PSY 6216-Research/Program Evaluation 3

Prerequisite: PSY 3214 or an experimental psychology course plus admission to the MACP program or permission of instructor. Designed to enable the master's level practitioner to scientifically evaluate research involving human subjects; special emphasis placed on research strategies, methodologies, and ethics. Must be completed within the first 12 hours of MACP program course work.

PSY 6217-Research Design & Analysis 3

Prerequisite: PSY 3214 or an experimental psychology course plus admission to the MAGP program or permission of instructor. Further study of the design and analysis of psychological research. Emphasis is on issues concerning the choice of appropriate designs for implementation of research and statistics for analysis. Both experimental and correlational designs are explored. Introduction to the use of computerized statistical packages.

PSY 6908-Directed Individual Study v. 1-3

Prerequisite: Permission of departmental chairperson. May be repeated up to 12 credits under different topics.

PSY 6910-Supervised Research 3

Prerequisite: Admission to the MAGP program or permission of instructor. Intensive experience in design, implementation, analysis, and writing. A minimum of nine hours per week research involvement under faculty supervision. May be repeated for a total of six credits.

PSY 6931-Special Topics v. 1-3

Prerequisite: Admission to the MACP or MAGP program. This course will explore topics of current importance in psychology. Topics may be initiated by faculty and/or students in consultation with the department chairperson. No more than three hours may be counted as part of the MACP or MAGP programs.

PSY 6932-Special Topics Seminar in Psych Science 3

Prerequisite: Consent of instructor. This specialty course presents students with in-depth understanding in a specific area of expertise or interest. The course content may be oriented toward theory, research, and/or practical application of psychological skills. This course may be repeated once for a total of six credit hours.

PSY 6937-Colloquium in Psychological Research 1

Prerequisite: Admission to the MAGP program or permission of instructor. An ongoing colloquium series, intended for graduate students in psychology, involving the presentation and discussion of research initiatives by faculty and graduate students. May be repeated for a total of four credits. Grading system is pass/fail.

PSY 6971-Thesis 3

Prerequisite: PSY 6216 or PSY 6217.

SOP 6069-Advanced Social Psychology 3

Prerequisites: SOP 3004, or equivalent, plus admission to the MAGP program or permission of instructor. An in-depth survey of the research literature of social psychology, with emphasis on individual behavior. Topics will include, but are not limited to, aggression, attraction, social perception, helping behavior, attribution, attitudes, applied social psychology, and communication.

SOCIOLOGY & ANTHROPOLOGY

SYA 6125-Development of Social Theory 3

Prerequisite: Admission to graduate program or permission of graduate director. This course surveys the corpus of theoretical works within sociology generally termed "classical" theory. The course traces the history and development of sociological theorizing from its inception to the early 20th century.

SYA 6126-Contemporary Social Theory 3

Prerequisite: Admission to the graduate program or permission of the graduate director. This course surveys the development of sociological theory in the 20th century with a particular focus on recent advances in social thought. The course emphasizes the application of contemporary sociological theory to current social problems.

SYA 6305-Quantitative Research Methods I 3

Prerequisite: Admission to the graduate program or permission of instructor. This seminar provides a basic, but intensive, introduction to qualitative methods of sociological research. The course will provide students with the ability to formulate research questions, collect quantitative data, prepare data for analysis, and become better able to critically interpret quantitative social science research.

SYA 6308-Population Analysis 3

Prerequisite: Admission to the program or permission from the graduate program director. This course is designed to examine population change in the U.S. In particular, this course addresses the impact of population change on social program development and delivery. Special emphasis will be placed on how the changing demographic profile impacts U.S. economic and social issues as well as within the global context.

SYA 6315-Qualitative Research Methods 3

Prerequisite: Admission to the graduate program or permission of the graduate director. This course will introduce students to a variety of qualitative research methods, including participant observation, interviews, open-ended surveys, and archival research. Strategies for compiling and organizing data, and using qualitative evidence to support an argument will also be discussed.

SYA 6455-Quantitative Research Methods II 3

Prerequisite: SYA 6305 or consent of graduate director. The course is designed for graduate students to gain advanced training in quantitative data analysis. This course will teach students to organize and summarize important characteristics of data as well as make inferences about unknown characteristics of a population based on sample data.

SYA 6657-Evaluation/Program Analysis 3

Prerequisite: Admission to program or permission of graduate director. The course provides a sociological introduction to evaluation and program analysis. The course is designed to introduce students to the theoretical base and practical application issues of evaluation research. In this course students will examine a number of evaluation studies that incorporate a variety of research methods.

SYA 6909-Directed Independent Study v. 3-6

Prerequisites: Permission of the instructor and graduate program director. This course is designed to allow students to address issues not presented in primary course listings.

SYA 6938-Special Topics in Sociology 3

The course will cover variable topics in sociology. The course may be repeated for a total of nine credits under different topics with permission of graduate advisor.

SYA 6941-Practicum in Applied Sociology v. 3-6

Prerequisites: SYA 6305, SYA 6455 and SYA 6315. This course provides internship experience in applied sociological research. Students will combine course instruction with work in an approved research setting. Students may take up to six hours of internship credit, and students completing a six-hour internship may apply to use this experience in lieu of a thesis or comprehensive exam.

SYA 6975-Master Thesis v. 3-6

Prerequisite: Permission of the graduate program director. This course is required for students using the Masters Thesis Exit Option for the degree.

SYD 6426-Urban Sociology 3

Prerequisite: Admission to the graduate program or permission of graduate director. This course examines the ways that sociologists have come to understand the working of cities, as well as what sociologists have learned about society in general by making the city their object of study.

SYD 6515-Environment & Society 3

Prerequisite: Admission to graduate program or permission of graduate director. The course provides a sociological approach to environmental problems. Specifically, the course examines four central issues surrounding environment problems: (i) the nature, scope, and social consequences of environmental problems; (ii) the human causes of environmental problems; (iii) the human responses to environment problems; and (iv) an alternative way of thinking about and responding to environmental problems.

SYD 6605-Community & Society 3

Prerequisite: Admission to graduate program or permission of graduate director. This course examines community from a sociological perspective, including theoretical explanations of community cohesion and change, methods of studying community, and examples of community studies. The course will also address community organizations and economic development, including organizing by communities of interest, as well as contemporary claims that community in the U.S. is under threat.

SYD 6706-Race Relations 3

Prerequisite: Admission to the program or permission of the graduate director. This course is designed to provide students with a sociological overview of the history of racial and ethnic relations in American Society, and to critique the social, economic and political consequences this history has had on various racial and ethnic populations. It will examine the role of British Colonial settlers and the adjustments of subsequent immigration groups, emphasis on relative adjustment to the dominant group, conflict among and between various groups, and their influence on the nature of American culture in religion, politics, economics and education.

SYO 6535-Social Stratification 3

Prerequisite: Admission to program or by permission of graduate director. This course provides a sociological introduction to stratification in the United States. Specifically, the course is designed to introduce students to the theoretical base, empirical research and applied aspects of social and economic stratification in U.S. society.

SYO 6545-Organizations & Work 3

Prerequisite: Admission to graduate program or permission from graduate director. The purpose of this course is to introduce the major theoretical approaches used to study and understand complex formal organizations and work. This will include the assessment of administrative, management, and organizational theories and their

applications. Focus will be on the structure, internal process, and environments of different forms of organization, how these influence the effectiveness of organizations, and how they impact on jobs, occupations, and the labor process.

SYP 6447-Social Change & Development 3

Prerequisite: Admission to graduate program or permission of graduate director. The course provides a critical examination of major problems confronting less developed countries. Specifically, problems of growth, equity, and environmental sustainability are situated in a critical perspective informed by modernization, dependency, and world-system theory.

SYP 6667-Sociological Approaches to Culture 3

Prerequisite: Admission to the program or permission of graduate director. The course provides an introduction to how sociologists understand the role of culture in social life, drawing on contributions from scholars working in the Production of Culture tradition, as well as Cultural Studies. The course will also examine theoretical approaches to culture.

SYP 6668-Analysis of Subcultural Perspectives 3

An in-depth study of subcultures in American society, and the cultural wholeness of lifestyles often labeled deviant in the society. Special emphasis will be given to gaining an understanding of the perspectives of others.

SYP 6735-Sociology of Aging 3

Prerequisite: Admission to the graduate program or permission of graduate director. This course is an introduction to the sociological study of aging. During the semester we will deconstruct stereotypes of the aged, analyze the changes we face as we grow older and how individuals adapt to such change, analyze family relationships which include care giving relationships, discuss health and financial security issues, and analyze how government policy will be affected by changes in the age structure of our society. All of the topics above will be placed in an historical and cross-cultural context.

WORLD LANGUAGES

FOL 5930-Topics in Foreign Language v. 2-4

Prerequisites: Graduate standing and permission of instructor and department chairperson. See department office for description of specific offering. May be repeated up to 12 credits.

College of Computing, Engineering & Construction

Dean's Office
Neal S. Coulter, Ph.D., Dean
(904) 620-1350; Fax (904) 620-2385

School of Computing

Judith L. Solano, Ph.D., Director
Roger Eggen, Ph.D., Director, Graduate Programs
(904) 620-2985; Fax (904) 620-2988

Graduate Faculty
Sanjay P. Ahuja, Ph.D., Professor
Yap Siong Chua, Ph.D., Professor
Neal S. Coulter, Ph.D., Professor
Roger E. Eggen, Ph.D., Professor
William F. Klostermeyer, Ph.D., Professor
Kenneth E. Martin, Ph.D., Professor
Robert F. Roggio, Ph.D., Professor
Sherif A. Elfayoumy, Ph.D., Associate Professor
Arturo J. Sanchez-Ruiz, Ph.D., Associate Professor
Behrooz Seyed-Abbassi, Ph.D., Associate Professor
Judith L. Solano, Ph.D., Associate Professor
F. Layne Wallace, Ph.D., Associate Professor
Zornitza G. Prodanoff, Ph.D., Assistant Professor

Affiliated Graduate Faculty
Daniel J. Cox, Ph.D., Associate Professor, Mechanical Engineering
J. David Lambert, Ph.D., Assistant Professor, Construction Management
Richard Morin, Ph.D., **F.A.C.R.**, Brooks-Hollern Professor, Mayo Medical School
Susan Vasana, Ph.D., Assistant Professor, Electrical Engineering
Patrick Welsh, Ph.D., Associate Professor, Engineering

Master of Science in Computer and Information Sciences

The School of Computing offers a Master of Science degree, which provides the opportunity for advanced study, laboratory work and research in the computing field to enhance professional opportunities in industry or provide the basis for further academic endeavors.

Admission

In addition to satisfying general University of North Florida criteria for admission into a graduate program, students wishing to enter the degree program leading to the M.S. in Computer and Information Sciences must present:

1. Total verbal and quantitative GRE scores of 1000 (400 V, 600 Q) or higher,
2. A grade point average of 3.0 or higher in all work attempted as an upper level student, normally the 60 credit hours taken during the last two years of undergraduate study, and
3. An undergraduate degree supporting graduate study in one of computer science, information systems, or software engineering.

A student who does not have a degree in the field will need to complete preparatory course work with grades of "B" or better as a post-baccalaureate student before seeking admission into the graduate program. Such students may make an appointment with an advisor to develop a program of study to meet background preparation requirements, which must be for computer science, information systems, or software engineering as outlined below:

Computer Science Preparation
Computability (COT 3210 at UNF)
Data Structures (COP 3530 at UNF)
Systems Software (COP 3601 at UNF)

Information Systems Preparation
Object-Oriented Programming & Data Structures (COP 3540 at UNF)
Database Systems (COP 4720 at UNF)
Financial Analysis
Management and Marketing

Software Engineering Preparation
Object-Oriented Programming & Data Structures (COP 3540 at UNF)
Database Systems (COP 4720 at UNF)

Note: Each of the prerequisite courses listed has its own prerequisites.

A student who meets all admission requirements should apply for admission as a graduate student through the Graduate School at UNF, designating one of the following concentrations: computer science, information systems, or software engineering. When all transcripts and test scores have been received by the Graduate School, the completed application package is forwarded to the School of Computing where it is considered by the School's Graduate Committee for admission to computer science, information systems, or software engineering. Upon notification of admission to the graduate program, the student will be invited to meet with the graduate director for preparation of a program of study.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Program Requirements

A student may choose the thesis option or the professional option. Prior to completing 30 credit hours of course work, the student must declare his or her choice to become a degree candidate. The candidate may change options only with the permission of the School's Graduate Committee.

Thesis Option: For this option, the degree candidate is required to complete 30 credit hours of course work and a master's thesis (at least 6 credit hours), prepared according to school and university guidelines. The thesis requires a significant literature review with the application, synthesis and/or extension of the knowledge gained to add to the discipline of the computing sciences. A supporting programming effort may be undertaken to the extent that it provides insight or data for subsequent research. The overall effort is to be research-oriented.

Professional Option: This option is provided for degree candidates whose professional objectives would be served better by course work in the field. The candidate must complete at least 36 credit hours of graduate course work to include a master's project (4 credit hours). A candidate will normally register for the master's project during the last year of graduate studies. For the professional option, the candidate will investigate, propose, develop, and present his or her project. A candidate for this option must have his or her project proposal approved by the graduate committee in order to register for the project.

General Requirements

1. All courses taken for credit towards the master's degree must be on an approved program of study developed with the graduate director.
2. A total of 36 credit hours of approved 5000 and 6000 level courses must be completed.
3. A minimum of 21 credit hours at the 6000 level must be taken within the school (includes 6 credit hours of CIS 6970 for a thesis student or 4 credit hours of CIS 6910 for a student in the professional option).
4. With the prior approval of the graduate director, the program of study may include up to two independent studies, each one taken with a different faculty member.
5. Up to 9 credit hours may be transferred in or taken from other colleges within the university or through FEEDS with prior approval of the graduate director.
6. All courses applied to the program of study must be completed with a grade of "B" or better. A course may be repeated no more than once, with the exception of CIS 6970 (thesis).

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.

Computer Science Program

The Computer Science Program for the M.S. in Computer and Information Sciences is designed to add breadth and depth to a typical bachelor's degree program in computer science. Breadth must be demonstrated in the areas of computer networks, operating systems, algorithms, and databases. Depth must be accomplished in the areas of graphics/interfaces, networks, advanced systems, and data/

language paradigms. Overall mastery of the discipline is demonstrated by submission of a master's thesis (thesis option) or a master's project (professional option). The student must select the thesis option or the professional option by the time of completion of 30 credit hours of the graduate course of study.

An academic background preparation in Computer Science is required for entry into the program. Grades of "B" or better are expected in any preparatory course work taken at UNF.

Major: Computer & Info Sciences
Concentration: Computer Science
Degree: Master of Science

Major Requirements: **(36 credits)**
Computer Science Requirements: (36 credits)

Conditions for the Masters:
1. All courses applied to the degree must be completed with a grade of "B" or better.
2. A minimum of 21 credit hours must be taken at the 6000-level in the School of Computing.
3. No more than 6 credit hours taken outside of the School can be included in the degree.
4. No more than 15 credit hours of 5000-level courses can be applied to the degree.
5. No more than 6 credit hours of Directed Independent Study can be applied to the degree.
6. GPA of 3.0 or better must be maintained. A GPA below 3.0 or a grade of "C" in three courses results in automatic probation.
7. A student on probation who subsequently receives a "C" is subject to suspension. Receipt of a grade below "C" results in immediate eligibility for suspension.

Computer Science - Depth:
Depth Requirements: (4 courses - 12 credits)
Select one course from each group of two shown.
Select One:
- CAP 6100 Interface Design and Implementation
- CAP 6400 Graphics Image Recognition/Manipulation

Select One:
- CNT 6707 Network Architecture & Client/Server Comp
- CIS 6302 Distributed and Internet Systems

Select One:
- COP 6611 Advanced Operating Systems
- COP 6616 Parallel Computing

Select One:
- COP 6735 Developments in Database Structures
- COP 6557 Programming Language Design Paradigms

Computer Science - Breadth & Major Requirements:
Major Requirements: (4 courses - 12 credits)
Breadth + Major requirements must equal a total of 12 credit hours.

* *Any hours short of 12 in the breadth category must be selected from the major requirements list below.*

* *Courses may not count for both the depth and major requirements.*

Breadth Requirement: **(optional)**
The following courses must be taken if the equivalent was not covered in undergraduate studies.
- CNT 5505 Networks & Distributed Systems
- COP 5615 Operating Systems
- COP 5716 Data Modeling & Performance
- COT 5405 Algorithms & Complexity

Major Requirements:
Any hours short of 12 in the breadth category must be selected from the list below. Courses may not count for both the depth and major requirements.
- CAP 6100 Interface Design & Implementation
- CAP 6400 Graphics Image Recognition/Manipulation
- CAP 6671 Intelligent Systems
- CDA 6011 Web Engineering
- CNT 6707 Network Arch Client/Server Computing
- CIS 6302 Distributed and Internet Systems
- COP 6557 Programming Language Design Paradigms
- COP 6611 Advanced Operating Systems
- COP 6616 Parallel Computing
- COP 6735 Developments in Database Structures

CS & SE - Thesis/Project:
Thesis/Project and Major Electives: (12 credits)
Students will select one of two research options.

Professional (Project) Option: The student who selects the professional option will normally apply to enroll in the project course CIS 6910 during their last year of graduate studies, following the procedures established by the school.

Thesis Option: A student who selects the thesis option enrolls in the thesis course CIS 6970 for at least two successive terms. In order to enroll in the Thesis course, the student must obtain the approval of the graduate director and thesis advisor. Upon satisfactory completion of the thesis, the student defends the thesis in an open presentation to the satisfaction of the student's thesis committee.

Research Thesis or Project Option:
Select one of two research options:
- **Project Option:** CIS 6910 Project (4 credits)
- **Thesis Option:** CIS 6970 Thesis (6 credits)

Electives: **(6-8 credits for total 12 credits)****
Select sufficient credits at the graduate level to earn a total of 36 credit hours.
CAP CDA CEN CIS COP COT
Project Option: Select at least 8 credits of electives.
Thesis Option: Select at least 6 credits of electives.

Note: CEN 6016 Engineering of Software I must be elected if the student's undergraduate coursework does not include a course equivalent to CIS 4251 Software Development.

Information Systems Program

The Information Systems Program for the M.S. in Computer and Information Sciences is designed to build upon a bachelor's degree program in information systems that has substantial content in both software development and business practice. Technical core content provides hands-on software engineering that addresses software life-cycle, database engineering, and project management issues. Business core content is oriented towards e-commerce issues in management, marketing, and finance. Additional technical coursework in software engineering assures depth in one or more additional subject areas. Overall mastery of the discipline is demonstrated by submission of a master's thesis (thesis option) or a master's project (professional option). The student must select the thesis option or the professional option by the time of completion of 30 credit hours of the graduate course of study.

An academic background preparation that includes standard software development practice is required for entry into the program. Grades of "B" or better are expected in any preparatory course work taken at UNF.

Major: Computer & Info Sciences
Concentration: Information Systems
Degree: Master of Science

Major Requirements **(36 credits)**
Information Systems Requirements (36 credits)

Conditions for the Masters:
1. All courses applied to the degree must be completed with a grade of "B" or better.
2. A minimum of 21credit hours must be taken at the 6000-level in the School of Computing.
3. No more than 6 credit hours taken outside of the School can be included in the degree.
4. No more than 15 credit hours of 5000-level courses can be applied to the degree.
5. No more than 6 credit hours of Directed Independent Study can be applied to the degree.
6. GPA of 3.0 or better must be maintained. A GPA below 3.0 or a grade of "C" in three courses results in automatic probation.
7. A student on probation who subsequently receives a "C" is subject to suspension. Receipt of a grade below "C" results in immediate eligibility for suspension.

Information Systems Core
Info Systems Core Requirements (7 courses - 21 credits)
Includes 12 credits of Information Systems courses and 9 credits of Business courses.

CEN 6016	3	Engineering Of Software I
CEN 6017	3	Engineering Of Software II
COP 6711	3	Database Engineering/Administr
ISM 6021	3	Mgmt Information Technology
MAN 6785	3	E-Business Strategy

Select one from Information Systems:
CIS 6516 Managing Software Projects & Personnel
MAN 6026 Project Management

Select one from Business:
MAR 6726 Marketing on the Internet
MAN 6875 Entrepreneurship & Venture Capital

Information Systems - Thesis/Project
Thesis/Project and Major Electives (15 credits)
Students will select one of two research options.

Professional (Project) Option: The student who selects the professional option will normally apply to enroll in the project course CIS 6910 during their last year of graduate studies, following the procedures established by the school.

Thesis Option: A student who selects the thesis option enrolls in the thesis course CIS 6970 for at least two successive terms. In order to enroll in the thesis course, the student must obtain the approval of the graduate director and thesis advisor. Upon satisfactory completion of the thesis, the student defends the thesis in an open presentation to the satisfaction of the student's thesis committee.

Research Thesis or Project Option
Select one of two research options:
Project Option: CIS 6910 Project (4 credits)
Thesis Option: CIS 6970 Thesis (6 credits)

Electives **(9-11 hrs = total of 15 hrs)**
Select sufficient credits at the graduate level to earn a total of 36 credit hours.
CAP CDA CEN CIS COP COT
Project Option: Select at least 11 credits of electives.
Thesis Option: Select at least 9 credits of electives.

Note: CEN 6016 Engineering of Software I must be elected if the student's undergraduate coursework does not include a course equivalent to CIS 4251 Software Development.

Software Engineering Program

The Software Engineering Program for the M.S. in Computer and Information Sciences is designed to build upon a CIS bachelor's degree program, which has substantial content in software development. Core content for the program emphasizes hands-on software engineering as practiced in this day and time. Additional coursework in software engineering assures depth in one or more subject areas. Experience in the practice of software engineering is emphasized by participation in a "real-world" supervised group project. Overall mastery of the discipline is demonstrated by submission of a master's thesis (thesis option) or a master's project (professional option). The student must select the thesis option or the professional option by the time of completion of 30 credit hours of the graduate course of study.

An academic background preparation that includes standard software development practice is required for entry into the program. Grades of "B" or better are expected in any preparatory course work taken at UNF.

Major: Computer & Info Sciences
Concentration: Software Engineering
Degree: Master of Science

Major Requirements: **(36 credits)**
Software Engineering Requirements: (36 credits)

Conditions for the Masters:
1. All courses applied to the degree must be completed with a grade of "B" or better.
2. A minimum of 21 credit hours must be taken at the 6000-level in the School of Computing.
3. No more than 6 credit hours taken outside of the School can be included in the degree.
4. No more than 15 credit hours of 5000-level courses can be applied to the degree.
5. No more than 6 credit hours of Directed Independent Study can be applied to the degree.
6. GPA of 3.0 or better must be maintained. A GPA below 3.0 or a grade of "C" in three courses results in automatic probation.
7. A student on probation who subsequently receives a "C" is subject to suspension. Receipt of a grade below "C" results in immediate eligibility for suspension.

Software Engineering - Core Requirements:
Core Requirement: (4 courses - 12 credits)

CEN 6016	3	Engineering Of Software I
CEN 6017	3	Engineering Of Software II
CEN 6070	3	Software Quality Assur & Test
COP 6711	3	Database Engineering/Administr

Soft Engineering - Major + Practicum:
Major Reqs & SE Practicum: (4 courses - 12 credits)

CEN 6940	3	Software Engineering Practicum

Select three:

CAP 6100	Interface Design/Implementation
CDA 6011	Web Engineering
CNT 6707	Network Arch & Client/Server Comp
CIS 6302	Distributed/Internet Systems
CIS 6101	Software Processes & Metrics
CIS 6516	Managing Software Projects/Personnel
COP 6735	Developments in Database Structures

CS & SE - Thesis/Project:
Thesis/Project and Major Electives: (12 credits)
Students will select one of two research options.

Professional (Project) Option: The student who selects the Professional Option will normally apply to enroll in the Project course CIS 6910 during their last year of graduate studies, following the Procedures established by the School.

Thesis Option: A student who selects the Thesis option enrolls in the Thesis course CIS 6970 for at least two successive terms. In order to enroll in the Thesis course, the student must obtain the approval of the graduate director and Thesis Advisor. Upon satisfactory completion of the Thesis, the student defends the Thesis in an open presentation to the satisfaction of the student's Thesis Committee.

Research Thesis or Project Option:
Select one of two research options:

Project Option:	CIS 6910 Project	(4 credits)
Thesis Option:	CIS 6970 Thesis	(6 credits)

Electives: **(6-8 credits for total 12 credits)**
Select sufficient credits at the graduate level to earn a total of 36 hours.
CAP CDA CEN CIS COP COT
Project Option: Select at least 8 credits of electives.
Thesis Option: Select at least 6 credits of electives.

Note: CEN 6016 Engineering of Software I must be elected if the student's undergraduate coursework does not include a course equivalent to CIS 4251 Software Development.

School of Engineering

Stephan J. Nix, Ph.D., Director
(904) 620-1390; Fax (904) 620-1391

Civil Engineering
Stephan J. Nix, Ph.D., Professor
Nick W. Hudyma, Ph.D., P.E., Associate Professor
Adel El-Safty, Ph.D., P.E., Assistant Professor
Thobias Sando, Ph.D., E.I., Assistant Professor

Electrical Engineering
Chiu Choi, Ph.D., P.E., Professor
Gerald Merckel, Ph.D., Professor
Tayeb Giuma, Ph.D., Associate Professor
Susan Vasana, Ph.D., Associate Professor
Alan Harris, Ph.D., Assistant Professor
Dean Krusienski, Ph.D., Assistant Professor

Mechanical Engineering
Joseph L. Campbell, Ph.D., P.E., Professor
Daniel Cox, Ph.D., Professor
James Fletcher, Ph.D., Associate Professor
Alexandra Schönning, Ph.D., Associate Professor
Richard V. Conte, Ph.D., P.E., Instructor

Master of Science in Civil Engineering (MSCE)
Master of Science in Electrical Engineering (MSEE)
Master of Science in Mechanical Engineering (MSME)

Mission

The mission of each UNF Master of Science program is to prepare students to function in a demanding technical environment where their advanced engineering education will allow them to solve uncommon problems in their field of expertise. Through our commitment to engineering research and requiring students to participate in such activities we will provide opportunities for expanded content knowledge and development of critical thinking skills outside of a classroom setting. Students graduating with an MS in Civil, Electrical, or Mechanical Engineering will receive the education that allows them to pursue a doctoral degree.

Learning Outcomes

A student receiving the MSCE, MSEE, or MSME degree from the UNF School of Engineering:

Content Knowledge

- understands the theoretical basis for current practice in one or more areas of their chosen discipline.
- is knowledgeable about recent engineering advances in design, analysis, and construction.
- is able to apply advanced mathematics, advanced analytical techniques, and advanced numerical techniques to solve engineering problems.
- is able to obtain and analyze relevant data from advanced testing and characterization equipment.

Critical Thinking

- is able to identify and understand the assumptions in the important theories pertinent to one or more areas of their chosen discipline.
- is able to identify and understand the data required to solve engineering problems.
- is able to form conclusions and recommendations through advanced engineering analyses informed by the understanding of applicable engineering principles and theories.

Communication Skills

- is able to present technical data, analyses, and conclusions to their peers.
- is able to present technical data, analyses, and conclusions to the non-engineering community.
- is able to speak in an informed and convincing manner.

Outcomes Assessment

The learning outcomes listed above involve depth of knowledge within a specific area of the student's chosen engineering discipline, critical thinking ability, and communications skills. These outcomes are achieved by the successful completion of a cohesive program of study leading to an acceptable thesis or practice-oriented project. The master's thesis is an original work that adds to the understanding of an engineering problem. The practice-oriented project addresses the solution of a practical engineering problem. Both require the deep knowledge and critical thinking skills developed in the program of study to advance engineering knowledge or solve an engineering problem. In addition, the successful completion of a thesis or project requires well-developed writing and oral communications skills. This capstone experience is the most direct measure of the outcomes enumerated above.

The second measure is the dissemination of the thesis or project work in the peer-reviewed, archival literature. A practice-oriented project should produce, at a minimum, one conference proceedings paper. In the case of the thesis, multiple peer-reviewed papers in the archival literature are expected. These papers are typically coauthored by the student and his or her advisor.

Admission

In addition to the UNF graduate admissions requirements, a student wishing to enter the MSCE, MSEE, or MSME program must have:

1. A baccalaureate degree in the commensurate engineering discipline (e.g., a BSCE degree for admission to the MSCE program) from an ABET-accredited program or its demonstrable equivalent. Students with international degrees must have their credentials evaluated by an approved credential evaluation agency. Contact the Graduate School for the list of approved evaluation agencies.
2. A 3.0 grade point average or higher (on a 4.0 scale) for all work attempted as an upper-level student, typically the last 60 credits of undergraduate work.
3. A combined score on the verbal and quantitative sections of the Graduate Record Examination (GRE) of 1000, with a minimum of 550 in the quantitative section. GRE scores cannot be more than five years old.
4. A minimum score of 550 (PBT), 213 (CBT), or 80 (iBT) on the Test of English as a Foreign Language (TOEFL) (for students from non-English speaking countries only).
5. Three letters of recommendation attesting to the student's potential for graduate studies in a chosen field. At least one letter must come from a professor at the student's undergraduate institution.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

All applications are reviewed on a case-by-case basis. Any deviation from the above requirements may result in provisional admission to the program. Full admission is based on the successful completion of remedial actions deemed necessary and appropriate by the faculty. One of the more common exceptions is made for students without a BS in the same discipline being pursued at the graduate level. These students may be admitted to their chosen MS program on a provisional basis and granted full admission after completion of a suite of undergraduate background courses determined by the supervisory committee. All required undergraduate background courses must be completed before attempting graduate coursework.

General Requirements

Students select one of two degree options: (1) thesis option or (2) project option. The thesis option consists of a minimum of 30 credit hours. The 30 credit hours consist of a minimum of 24 credit hours of course work and 6 credit hours to complete a thesis. The project option consists of a minimum of 30 credits. The 30 credit hours consist of a minimum of 27 credit hours of coursework and 3 credit hours to complete a practice-oriented project. Regardless of the option, the student must complete all graduate coursework with a 3.0 grade point average. Pass-fail courses may not be used to satisfy the coursework requirement.

The number of credits that can be transferred from other institutions is limited to 6 credit hours, with the exception that students may transfer up to 12 credits from the Florida Engineering Education Delivery System (FEEDS) provided that the total of FEEDS courses and other transfer courses does not exceed 12 credit hours. This limitation does not apply to FEEDS courses offered by UNF. FEEDS is described in more detail below.

Student Graduate Advisor and Graduate Committee

Each entering graduate student will be assigned a graduate advisor by the director of the School of Engineering based on the student's area of interest. The graduate advisor must be a tenure-track or tenured professor in the appropriate engineering program. The graduate advisor and student will choose a supervisory committee that will be made up of two tenure-track or tenured UNF engineering professors in the student's chosen discipline and one outside member who must be a tenure-track or tenured professor at UNF or another academic institution. Additional members may be added from industry or affiliated faculty in the School of Engineering, if approved by the graduate advisor. The graduate advisor will serve as chair of the committee. The graduate advisor also approves the selection of the thesis option or the project option.

The Program of Study

The details of the program of study for each MS degree are found below.

The Thesis: The master's thesis is an original work that adds to the understanding of an engineering problem. The supervisory committee approves the thesis topic. Completion of a thesis is an intense experience and most students will find that much of their academic effort for at least two semesters will focus on its completion. The thesis is presented at an oral defense that includes the supervisory committee and others from the university community. The supervisory committee determines if the defense was successful and the thesis is acceptable.

The Practice-Oriented Project: The practice-oriented project addresses the solution of a practical engineering problem. The supervisory committee approves the project topic. A project report is completed and presented at an open seminar in the student's penultimate or last semester. The supervisory committee determines if the project presentation and report are acceptable.

Master of Science in Civil Engineering (MSCE)

The program of study consists of 30 credit hours. Students must select one of two focus areas: (1) **geotechnical/structural** or (2) **water resources/environmental**. All programs of study must be approved by the graduate advisor before the end of the second semester of graduate study. Programs of study may be modified with the approval of the graduate advisor. All programs of study must contain at least 18 credits of 6000-level courses (including thesis and project credits).

Major: Civil Engineering
Concentration: Geotechnical/Structural
Degree: MS in Civil Engineering

Major Requirements:

MSCE Geotechnical/Structural Reqs: (30 credits)

The Civil Engineering master's degree consists of a minimum of 30 credit hours. Students select from one of two degree options: (1) thesis or (2) project.

*All programs of study must be approved by the graduate director prior to the end of the second semester of graduate study.***

Conditions for the degree:

1. All coursework must be completed with a grade of "B" or better.
2. A GPA of 3.0 must be maintained. If the GPA falls below 3.0, probation will result.
3. At least 18 credits of coursework at the 6000-level must be applied toward the degree.
4. A maximum of 12 credits at the 5000-level can be applied toward the degree.
5. No more than 6 credits of transfer coursework can be applied to the degree, with the following exception:
   A student may transfer up to 12 credits from the Florida Engineering Education Delivery System (FEEDS) provided the total of FEEDS courses and other transfer courses does not exceed 12 credits.

EGN 6456	3	Advanced Engineering Analysis
CES 5105	3	Advanced Mechanics

Select one of the following:

EML 5508	Finite Element Modeling/Analysis
CES 6116	Finite Element

Research Thesis or Project Option:

Select one of two research options:

Thesis Option: Select 6 credits of CGN 6970 CE Thesis
Project Option: Select 3 credits of CGN 6974 CE Project.

Select CE Electives:
Civil Engineering Electives: select a minimum of 12 credits from these courses:

CEG 5304	Applied Engineering Geology
CEG 6016	Advanced Geotechnical Engineering
CEG 6018	Applied Computational Geotechnics
CEG 6118	Advanced Foundation Engineering
CEG 6320	Drilled Shafts in Rock
CEG 6515	Earth Retaining Sys/Slope Stability
CEG 6806	Ground and Site Improvement
CES 5326	Bridge Engineering
CES 5706	Advanced Reinforced Concrete
CES 6144	Advanced Structural Analysis
CES 6715	Prestressed Concrete
CGN 5932	Special Topics in Civil Engineering (v. 1-3)
CGN 6933	Special Topics in Civil Engineering (v. 1-3)

Other Electives: Select sufficient credits at the graduate level to earn a total of 30 credits.
Thesis Option: Select 3 credits of additional CE electives
Project Option: Select 6 credits of additional CE electives

Civil engineering elective courses may also be selected from FEEDS within the limitations discussed above, and must be approved by the graduate advisor.

Note: A maximum of 12 credit hours at the 5000 level can be applied to the program.

Major: Civil Engineering
Concentration: Water Resources/Environmental
Degree: MS in Civil Engineering

Major Requirements
MSCE Water Res/Environmental Reqs: (30 credits)
The Civil Engineering master's degree consists of a minimum of 30 credit hours. Students select from one of two degree options: (1) thesis or (2) project.
All programs of study must be approved by the graduate director prior to the end of the second semester of graduate study.

Conditions for the degree:
1. All coursework must be completed with a grade of "B" or better.
2. A GPA of 3.0 must be maintained. If the GPA falls below 3.0, probation will result.
3. At least 18 hours of coursework at the 6000-level must be applied toward the degree.
4. A maximum of 12 hours at the 5000-level can be applied toward the degree.
5. No more than 6 hours of transfer coursework can be applied to the degree, with the following exception:
   A student may transfer up to 12 credits from the Florida Engineering Education Delivery System (FEEDS) provided the total of FEEDS courses and other transfer courses does not exceed 12 credits.

EGN6456 3 Advanced Engineering Analysis

Research Thesis or Project Option:
Select one of two research options:
Thesis Option: Select 6 credits of CGN 6970 CE Thesis.
Project Option: Select 3 credits of CGN 6974 CE Project.

Select CE Electives:
Civil Engineering Electives: select a minimum of 15 credits from these courses:

CWR 5545	Water Resources Systems
CWR 5305	Stormwater Management
CWR 6150	Engineering Hydrology
CWR 6236	River Engineering/Sediment Transport
ENV 5640	Design of Water Quality Mgmt Facilities
ENV 6510	Aquatic Chemical Processes
ENV 6511	Biological Treatment Systems
ENV 6519	Physical/Chemical Treatment Systems
CGN 5932	Special Topics in Civil Engineering (v. 1-3)
CGN 6933	Special Topics in Civil Engineering (v. 1-3)

Other Electives: Select sufficient credits at the graduate level to earn a total of 30 credit hours.
Thesis Option: Select 6 credits of additional CE electives
Project Option: Select 9 credits of additional CE electives

Civil engineering elective courses may also be selected from FEEDS within the limitations discussed above, and must be approved by the graduate advisor.

Note: A maximum of 12 credits at the 5000 level can be applied to the program.

Master of Science in Electrical Engineering (MSEE)

The program of study consists of 30 credit hours. Students must select one of three concentrations **(communications, computer, or controls and signal processing)** and take at least six credit hours in that concentration. Every student must also take the required course EGN 6XXX - Advanced Engineering Analysis. **The remaining course work is chosen from other concentration courses or approved elective courses.** All programs of study must be approved by the graduate advisor before the end of the second semester of graduate study. Programs of study may be modified with the approval of the graduate advisor. All programs of study must contain at least 18 credit hours of 6000-level courses (including thesis and project credits).

Major: Electrical Engineering
Degree: MS in Electrical Engineering

Major Requirements
MS Electrical Engineering Requirements: (30 credits)
The Electrical Engineering master's degree consists of a minimum of 30 credit hours.
- Students select from one of two degree options: (1) thesis or (2) project.
- Students must select one of three concentrations: Communications, Computer, or Controls & Signal Processing.

All programs of study must be approved by the graduate director prior to the end of the second semester of graduate study.

Conditions for the degree:
1. All coursework must be completed with a grade of "B" or better.
2. A GPA of 3.0 must be maintained. If the GPA falls below 3.0, probation will result.
3. At least 18 credits of coursework at the 6000-level must be applied toward the degree.
4. A maximum of 12 credits at the 5000-level can be applied toward the degree.
5. No more than 6 credits of transfer coursework can be applied to the degree, with the following exception:
   A student may transfer up to 12 credits from the Florida Engineering Education Delivery System (FEEDS) provided the total of FEEDS courses and other transfer courses does not exceed 12 credits.

EGN 6456 3 Advanced Engineering Analysis

Select Concentration
Select a minimum of 6 credits from one concentration.
1. Communications:
   EEL 6532 Info Theory & Error Correction Coding
   EEL 6568 Optical Systems & Networks
   EEL 6591 Wireless/Mobile Communications
2. Computer:
   EEL 6735 Computer System Design
   EEL 6749 Embedded Systems Design
   EEL 6825 Pattern Recognition
3. Controls & Signal Processing:
   EEL 6558 Advanced Topics in Signal Processing
   EEL 6650 Control and Instrumentation
   EEL 6651 Motion Control

Research Thesis or Project option
Select one of two research options:
Thesis Option: Select 6 credits of EEL 6972 EE Thesis.
Project Option: Select 3 credits of EEL 6925 EE Project.

Select EE Electives
Electrical Engineering Electives: select 12-15 credits from these courses depending on research option:
EEE 5316L Advanced Electronics
EEL 5060 High Tech Entrepreneurship
EEL 5500 Digital Communications
EEL 5500L Digital Communications Lab (1)
EEL 5511 Communications Systems
EEL 5513 Introduction to Digital Signal Processing
EEL 5563 Fiber Optics
EEL 5613 State-Space Control Systems
EEL 5722C Digital Design (4)
EEL 5764C Digital Computer Architecture
EEL 5820 Digital Image Processing
EEL 6521 Advanced Digital Communications
EEL 6521L Advanced Digital Communications Lab (1)
EEL 5934 Special Topics in Elect Engineering (v. 1-3)
EEL 6935 Special Topics in Elect Engineering (v. 1-3)
CDA 5106 Intro to Computer Architecture
CDA 5106L Intro to Computer Architecture Lab (1)
COP 6616 Parallel Computing

Select sufficient credits at the graduate level to earn a total of 30 credit hours.

Thesis option: Select 12 credits of EE electives
Project option: Select 15 credits of EE electives

Electrical engineering elective courses may also be selected from FEEDS within the limitations discussed above, and must be approved by the graduate advisor.

Note: A maximum of 12 credits at the 5000 level can be applied to the program.

Master of Science in Mechanical Engineering (MSME)

The program of study consists of 30 credits. While there are no formal tracks or concentrations in the MSME program, the program of study generally focuses on the machine sciences or thermofluids areas of mechanical engineering. All programs of study must be approved by the graduate advisor before the end of the second semester of graduate study. Programs of study may be modified with the approval of the graduate advisor. All programs of study must contain at least 18 credits of 6000-level courses (including thesis and project credit hours).

Major: Mechanical Engineering
Degree: MS in Mechanical Engineering

Major Requirements:
MS Mechanical Engineering Requirements: (30 credits)
The Mechanical Engineering master's degree consists of a minimum of 30 credit hours. Students select from one of two degree options: (1) thesis or (2) project.
All programs of study must be approved by the graduate director prior to the end of the second semester of graduate study.

Conditions for the degree:
1. All coursework must be completed with a grade of "B" or better.
2. A GPA of 3.0 must be maintained. If the GPA falls below 3.0, probation will result.
3. At least 18 hours of coursework at the 6000-level must be applied toward the degree.
4. A maximum of 12 hours at the 5000-level can be applied toward the degree.
5. No more than 6 hours of transfer coursework can be applied to the degree, with the following exception:
   A student may transfer up to 12 hours from the Florida Engineering Education Delivery System (FEEDS) provided the total of FEEDS courses and other transfer courses does not exceed 12 hours.

EGN 6456 3 Advanced Engineering Analysis

Research Thesis or Project Option:
Select one of two research options:
Thesis Option: Select 6 credits of EML 6972 ME Thesis.
Project Option: Select 3 credits of EML 6556 ME Project.

Select ME Electives:
Mechanical Engineering Electives: select a minimum of 15 credits from these courses:
EML 5808 Robotics Engineering II

EML 6809 Intelligent Planning for Robotic Systems
EML 5315 Advanced Control System Theory
EML 6311 Modern Control Engineering
EML 5508 Finite Element Modeling and Analysis
EML 5211 Introduction to Continuum Mechanics
EGN 6333 Advanced Mechanics of Materials
EML 5105 Classical and Statistical Thermodynamics
EML 5131 Combustion Phenomena
EML 6451 Energy Conversion
EML 5403 Fuel Cells
EML 6417 Solar Energy Devices
EML 5606 Air Conditioning and Refrigeration
EML 5932 Special Topics in Mech Engineering (v. 1-3)
EML 6933 Special Topics in Mech Engineering (v.1-3)

Other Electives: Select sufficient credits at the graduate level to earn a total of 30 hours.

Thesis Option: Select 6 credits of additional ME electives
Project Option: Select 9 credits of additional ME electives

Mechanical engineering elective courses may also be selected from FEEDS within the limitations discussed above, and must be approved by the graduate advisor.

Note: A maximum of 12 credits at the 5000 level can be applied to the program.

Florida Engineering Education Delivery System (FEEDS)

Jerry Merckel, CCEC Distance Learning
(904) 620-2695 ; Fax: (904) 620-2694;
e-mail: feeds@unf.edu

The Florida Engineering Education Delivery System (FEEDS) delivers academic programs to engineers worldwide. Delivery sites include university FEEDS centers, industry and government agency sites, and the internet. Course materials originate at FEEDS centers, which are located in the colleges and schools of engineering of Florida institutions having accredited degree programs. Florida Agricultural and Mechanical – Florida State Universities (FAMU – FSU), Florida Atlantic University (FAU), Florida International University (FIU), The University of Central Florida (UCF), The University of Florida (UF), The University of South Florida (USF), University of Miami (UM), Florida Institute of Technology (FIT), and Embry Riddle Aeronautical University (ERAU), and the University of North Florida (UNF) are the institutions housing these FEEDS centers. Florida Gulf Coast University (FGCU), and The University of West Florida (UWF) serve as FEEDS centers, facilitating the delivery of degree programs and courses in their respective geographic areas. Many participating industry and government agency receiving locations make up the remainder of the FEEDS sites.

FEEDS was developed in response to the need of engineering graduates working in industry for access to quality graduate programs and extended studies in engineering. FEEDS, in effect, provides a unique university experience for place-bound engineers. The innovative use of electronic, computer, and telecommunications media brings students and professors together intellectually, regardless of location.

Programs

Graduate engineering courses are available to support degree programs (Master of Engineering or Master of Science). Non-degree certificate programs and courses are available to support professional development. Degree programs are available in the following disciplines:

Civil Engineering

Civil
Environmental
Structures/Mechanics
Structures
Transportation
Water Resources

Computer Science and Engineering

Computer and Information Sciences
Computer Engineering
Computer Science
Computer Systems
Information Systems

Electrical Engineering

Biomedical
Communications
Computer Engineering
Controls
Digital Systems
Electromagnetics
Electronic Circuits
Electro-optics
Networks
Power
Radar Systems
Robotics
Signal Processing
Solid State
Superconductors
VLSI

Industrial Engineering

Engineering Management
Operations Research
Robotics
Simulation Systems

Mechanical Engineering

Automatic Controls and Robotics
Biomedical
Computational Mechanics
Electronic Packaging
Energy Analysis
Energy Systems/Mechanical Systems
Fluid Mechanics
Heat Transfer
HVAC
Machine Systems/Thermal Systems
Manufacturing Systems Engineering
Manufacturing Methods: CIM and Robotics
Mechanical
Mechanical Systems Analysis

Courses in other engineering disciplines (aerospace, chemical, coastal, engineering sciences, materials and ocean) are offered to meet the needs of engineers in these areas. Other engineering disciplines may be added as the demand arises. Students at any of the Centers, in principle, have access to the graduate programs of any of the other Centers. FEEDS is committed to delivering programs that meet the needs of the community it serves.

Each center has a director or coordinator responsible for supervision of the FEEDS operation at that center and for coordination with the academic Schools.

Admission

General Information

The terms and policies for admission vary slightly from university to university. Prospective students must refer to the admission procedures and the catalog of the primary university of interest for specific information.

There are two student classifications for FEEDS participants: graduate degree-seeking and non-degree-seeking.

Degree Seeking

State University System minimum requirements for graduate degree seeking students:

- formal admission to a graduate program
- baccalaureate degree in an appropriate discipline from a regionally accredited school
- earned GPA of 3.0 or better on a 4.0 scale
- total score of at least 1000 on the Graduate Record Examination (verbal and quantitative portions) or previous graduate degree from an accredited institution
- transcripts of all college work completed
- payment of the application fee

Notes: The total number of credits, which may be transferred to a degree program, is limited (normally six to nine credit hours); approval is never automatic. Students not meeting graduate admission requirements may be admitted in a conditional or provisional status. Requirements **in addition** to the minimums stated above may be specified for some degree programs.

Non-Degree Seeking

- transcripts and GRE scores are not required

Distance Learning/FEEDS

Students enrolled in distance learning sections (including FEEDS) of video-based courses conducted in the Donald D. Farshing Video Production Facility will be assessed a fee of $125 per course to defray some of the costs involved in delivering these classes.

Transfer of Credit

The allowed transfer of credit varies between institutions and individual degree programs. In general, only graduate level courses may be transferred into a degree program, with a grade of "B" (3.0 on a 4.0 scale) or better, from an accredited institution; the credits allowed will apply to the degree program but the grades earned will not be included in the student's GPA. The maximum number of credit hours normally allowed ranges from six to nine hours; consult the graduate advisor for possible exceptions to this rule for credits transferred within the SUS.

Registration

All students, degree and non-degree seeking, must register each term to enroll in one or more courses. Registration takes place approximately 30-60 days prior to each semester at selected centers throughout Florida. Contact the UNF FEEDS Center, telephone (904) 620-2695, e-mail: **feeds@unf.edu** for detailed information. Each student is responsible for submitting adds, drops and withdrawals within the published deadline, using the proper forms.

College of Computing, Engineering & Construction Course Descriptions

CONSTRUCTION MANAGEMENT

BCN 6595-Environmental Issues in Land Development & Construction 3

This course provides an introduction to the natural, economic, political, and legal issues related to the environment that may affect land development and construction management. Topics include: issues related to sustainable development, environmental impact of land development and construction, the historical context for land use planning and environmental regulation, specific regulations affecting developers and construction managers, the process and players involved in the environmental review of developments, and practical and modern methods for construction managers to prevent or minimize the negative impacts of construction and land development.

BCN 6728-Construction Planning/Scheduling 3

Prerequisites: BCN 1252, BCN 3611. This course introduces the fundamentals and techniques of scheduling and planning for construction projects. Topics include probabilistic scheduling, critical path method (CPM) using both arrow and precedence networks, CPM calculation methods, cost-time trade-off, PERT, resource leveling, and updating schedules during construction. Students will also be introduced to Internet based scheduling application software.

BCN 6748-Construction Law 3

Prerequisites: BCN 4708, BCN 4709. This course introduces the principles and practices of contract documents and construction management. Different contract delivery systems relative to construction administration and law applications are covered. Other topics include project operations relative to contract administration and alternative dispute management processes. A case study synthesizing the course topics is included.

COMPUTING

CAP 5605-Introduction to Artificial Intelligence 3

Prerequisite: COP 3530 or COP 3540. For beginning graduate students. 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. Students will extend course topics via library assignments or other instructor-assigned requirements.

CAP 5661C-Introduction to AI Robotics 4

Prerequisites: COP 3530, COP 3601, graduate standing. 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. Students will extend course topics via library assignments or other instructor-assigned requirements. *(A material fee of $25 will be assessed)*.

CAP 5715-Computer Graphics 3

Prerequisites: MAS 3105 and COP 3530. For beginning graduate students. 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. Students will extend course topics via library assignments or other instructor-assigned requirements.

CAP 5771-Data Mining 3

Prerequisite: COP 5716 or equivalent. Students will study concepts and techniques of data mining, including Characterizing and Comparison, Association Rules Mining, Classification and Prediction, Cluster Analysis, and Mining Complex Types of Data. Students will also examine Applications and Trends in Data Mining.

CAP 5805-Discrete Systems Modeling & Simulation 3

Prerequisites: (STA 4321 or STA 2023) and (COP 3530 or COP 3540). For beginning graduate students. 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. Students will extend course topics via library assignments or other instructor-assigned requirements.

CAP 6100-Interface Design & Implementation 3

Prerequisite: CEN 6016 or equivalent. This course covers issues associated with the design, implementation, and evaluation of human/computer interfaces including interface devices, metaphors, and interaction styles. Topics covered include task analysis; dialog models and examples; user centered design including naive and expert user interfaces; interface development methodologies and implementation tools; interface testing and quality assessment.

CAP 6400-Graphics Image Recognition & Manipulation 3

Prerequisite: CAP 5715. For advanced graduate students. Pattern recognition: edge following, thinning, feature extraction, pattern matching, syntactic pattern recognition. Image processing: image data representation, file formats, data compression, point and area processing, histogram equalization, adaptive histogram equalization, frequency domain, FFT, filters, noise handling, edge detection, color images.

CAP 6671-Intelligent Systems 3

Prerequisite: Permission of the instructor. The course may be repeated for credit with the consent of the Department.

Each course offering examines an area concerned with intelligent systems chosen from among artificial intelligence, logic programming, language translation, vision, robotics, simulation, neural networks.

CDA 5106-Introduction to Computer Architecture 3

Prerequisite: CDA 3101. Corequisite: CDA 5106L. For beginning graduate students. Computer taxonomy, description languages, conventional computer architecture, microprogramming, instruction sets, I/O techniques, memory, survey of non-conventional architectures. Software interface. Students will extend course topics via library assignments or other instructor assigned requirements.

CDA 5106L-Intro to Computer Architecture Lab 1

Prerequisite: CDA 3101. Corequisite: CDA 5106. Laboratory exercises to accompany CDA 5106 emphasizing computer architecture, micro processing, instruction sets, I/O techniques and memory using software interfaces. 3 hours of laboratory. *(A material fee of $30 will be assessed).*

CDA 6011-Web Engineering 3

Prerequisite: CEN 6016 or equivalent. In this course, topics covered include the application of software engineering principles and techniques to the development, deployment, and maintenance of high quality Web-based systems and applications; markup languages, distributed objects, hypermedia and web integration; architecture and security issues; client side and server side technologies; distributed technologies; data integration across heterogeneous Web sources.

CEN 6016-Engineering of Software I 3

Prerequisite: COP 3540 or COP 4534 or equivalent. Topics covered in this course include: methods, techniques, and practices associated with software development that go from elicitation or requirements to the analysis of both the problem and solution domains; formal methods, executable specifications, classical and object-oriented approaches; support tools, and quality assurance practices; team-oriented project using methods, techniques and practices learned.

CEN 6017-Engineering of Software II 3

Prerequisite: CEN 6016. Topics covered in this course include: the design of a software system using classical and object-oriented approaches; software architectures, frameworks, functional and object-oriented decomposition, prototyping, design and implementation of reviews and walkthroughs, GUI design and implementation, interoperability, support tools, and quality assurance practices; team-oriented project used methods, techniques and practices learned.

CEN 6070-Software Quality Assurance & Testing 3

Prerequisite: CEN 6016. Topics covered in this course include: the quality of the software product; techniques with the stages of verification and validation; reliability; correctness, testing methods, coverage measures, testing specialized applications, formal verification, testing management techniques and support tools; team-oriented project used methods, techniques and practices learned.

CEN 6940-Software Engineering Practicum 3

Prerequisites: Software Engineering core: CIS 6101, CEN 6016, CEN 6017, and CEN 6070. This course involves a supervised team project, including field experience with real customers, to address a major software development effort that employs methods, techniques, and practices covered in the Software Engineering core.

CIS 5105-Systems Performance & Evaluation 3

Prerequisites: CDA 3100 and COP 3540. For beginning graduate students. Tools and techniques used in the evaluation of the performance of computing systems, empirical modeling, methods, simulation models, deterministic and stochastic methods. Students will extend course topics via library assignments or other instructor assigned requirements.

CIS 5865-Spatial Information Systems Administration 3

Prerequisite: CIS 5871C. This course will provide the participants with the advanced knowledge of the professional practices needed to be able to administer enterprise-scale Spatial Information Systems (SIS) and to manage the development and implementation of specialized applications that utilize SIS technology as a component. The course will utilize guest lectures by SIS professionals to present case studies of professional practices. Participants will work in groups to execute a series of peer-reviewed assignments in which each group develops the requirements for development of a SIS application, a competitive professional proposal, and a SIS business plan. Participants will also be required to conduct an individual research project and make a professional presentation.

CIS 5870C-Intro to Spatial Information Systems 3

An introduction to Spatial Information Systems (SIS): the technology of acquiring, managing, analyzing, and displaying information in a spatial context. The course focuses on the unique technical and institutional issues associated with designing and implementing a spatially-enabled Information Technology infrastructure in a public or private enterprise. The participants will get hands-on experience with industry-standard technology including: Geographic Information System and Global Positioning System hardware and software. Practical exercises provide a pathway to understanding how fundamental spatial theory and principles become relevant in the context of developing practical applications using these technologies. Students will be required to conduct an individual research project and make a professional presentation.

CIS 5871C-Advanced Spatial Information Systems 3

Prerequisite: CIS 5870C. This course will provide participants with advanced knowledge of spatial principles and professional practices related to enterprise-scale Spatial Information Systems (SIS) and specialized applications that utilize SIS technology. The course will explore how SIS technology can be integrated with other technologies to create new business process models. The laboratory component will provide participants with the advanced technical skills needed to design and implement an SIS and develop applications that utilize SIS technology. The course will give participants a "hands on" opportunity to explore how SIS technology can be integrated with other technologies such as mobile computing, the Web and wireless communications. Participants will be required to conduct an individual research project and make a professional presentation.

CIS 5930-Special Topics in Comp & Info Sciences v. 1-4

For beginning graduate students and advanced undergraduates. Topics are reflective of current faculty interests and ad-

vances in state-of-the-art computing not adequately addressed in current course offerings. May be repeated up to 12 credits.

CIS 5935-Seminar v. 1-3

Prerequisite: Permission of the department of computer and information sciences. Topics reflect broader interests than covered in a standard course. Students will be expected to make presentations of material extracted from current trade publications. May be repeated up to 12 credits.

CIS 5949-Experiential Studies in Computing v. 1-3

Prerequisites: Acceptance to the Graduate Program in Computer and Information Sciences and for the cooperative education program. Students will participate in supervised work experiences related to computing. Students may receive repeat credit for this course. Up to 3 credits may be applied to the elective category for the Master of Science in Computer and Information Sciences.

CIS 6101-Software Processes & Metrics 3

Prerequisite: CEN 6016. Topics covered in this course include: software life cycle and process models; software metrics, software estimation, software standards, configuration management, version control, planning, scheduling, tracking, risk management, maintenance and re-engineering; capability measures such as CMM; process approaches such as PSP, extreme programming, and TSP; ethical and professional issues; support tools; team-oriented project used methods, techniques and practices learned.

CIS 6302-Distributed & Internet Systems 3

Prerequisite: CNT 5505 or equivalent. This course covers topics in distributed and Internet systems from among design issues; mobile and wireless systems; resource allocation; load balancing; security; reliability; file systems; performance evaluation and architectural enhancements to improve performance. Case studies such as the distributed object architectures of CORBA and RMI are used to illustrate topics.

CIS 6516-Managing Software Projects & Personnel 3

Prerequisite: CEN 6016 or equivalent. For advanced graduate students. Principles of management as they apply to information technology enterprises. Emphasis on the unique requirements of software projects and the personnel involved in them examined in the context of the current information technology workplace.

CIS 6900-Directed Individual Study v. 1-3

For advanced graduate students, topic supportive of the student's overall program. May be repeated with permission.

CIS 6910-Project 4

Prerequisite: Permission of director of Graduate Studies for Computer and Information Sciences. This graduate project is for advanced graduate students nearing completion of the degree. It requires completed proposal and approval prior to the semester of intended enrollment.

CIS 6930-Special Topics in Comp & Info Sciences v. 1-4

For advanced graduate students, topics reflective of current faculty research interests. May be repeated up to 27 credits.

CIS 6935-Seminar v. 1-3

Topics reflect broader interests than covered in a standard course. Students will be expected to make presentations of material extracted from current trade publications. May be repeated up to 27 credits.

CIS 6970-Thesis 3

For advanced graduate students nearing completion of the Masters degree. May be repeated up to 6 credits.

CNT 5505-Comp Networks & Distributed Processing 3

Prerequisites: COP 3530 or COP 3540. For beginning graduate students. Network architecture and protocols in computer communication networks, network elements and topology, switching and routing, data management and security in a distributed environment. Students will extend course topics via library assignments or other instructor assigned requirements.

CNT 6707-Network Archit. & Client/Server Computing 3

Prerequisite: CNT 5505 or equivalent. Topics covered in this course include: the technology and architecture of high-speed WANs and LANs including ATM, ATM-LANE, FDDI, fast and gigabit Ethernets; design and performance issues in high-speed networks; traffic analysis and queuing; resource allocation and congestion control; QoS parameters; RSVP and differentiated services; network security; wireless networks.

COP 5615-Operating Systems 3

Prerequisites: STA 4321, COP 3601. For beginning graduate students. Process management, memory management, file management, input/output device management, distributed systems issues. Students will extend course topics via library assignments or other instructor-assigned requirements.

COP 5625-Construction of Language Translators 4

Prerequisites: COT 3210 and COP 3601. For beginning graduate students. Grammars, languages, parsing, precedence, runtime storage organization, semantic routines, error recovery, optimization, intermediate code representations, scope, symbol tables, compiler-compilers. Students will extend course topics via library assignments or other instructor-assigned requirements.

COP 5716-Data Modeling & Performance 3

Prerequisites: COT 3210 and COP 3601. 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 covered. Students will extend course topics via library assignments or other instructor-assigned requirements.

COP 5819-Internet Programming 3

Prerequisites: COP 3530 or COP 3540. This course presents various approaches to building large enterprise systems to be deployed on the world wide web (www). Examples include, but are not limited to: classical multi tiered, client-server, service-oriented, grid computing, utility computing, software as a service, smart clients, and web services. It also presents current development platforms (eg. J2EE, .NET), development frameworks (e.g. JSP-based, ASP-

based), development environments (e.g. Eclipse), and related technologies (e.g. Tomcat JSP Container, Microsoft IIS Server) used to build and deploy such systems. Finally, it also discusses current trends in connection with relevant quality attributes these systems should exhibit, such as (but not limited to) security, privacy, reliability, mobility, and performance. A comprehensive software development project is used to apply covered concepts.

COP 6557-Programming Language Design Paradigms 3

Prerequisites: COP 5615 and COT 3210 or equivalent. Topics covered in this course include: operating system support features required by different programming paradigms; run time symbol tables and semantics; compiling vs. interpreting; binding and execution time requirements; storage management; subprogram control; implementation of inheritance; strong vs. weak data typing.

COP 6611-Advanced Operating Systems 3

Prerequisite: COP 5615 or equivalent. For advanced graduate students. Advanced topics in operating systems such as network operating systems, distributed operating systems, distributed shared memory, object-based systems, distributed file access.

COP 6616-Parallel Computing 3

Prerequisites: COP 5615 and COT 5405 or equivalent. In this course, topics covered include: parallel models and hardware architectures (shared-memory, message-passing, threads); basic communication operations; concurrency and synchronization techniques; parallel algorithms analysis and design; problem partitioning and mapping; parallel programming paradigms and environments; cluster-based computing; performance and scalability issues; parallel simulations; new trends in parallel computing.

COP 6711-Database Engineering & Administration 3

Prerequisites: COP 4720 and CEN 6016 or equivalent. This course covers the application of software engineering approaches in the strategy, analysis, design, implementation, verification, and validation phases of large scaled database design. Design issues and the user's role are studied. Database administration and management responsibilities are examined.

COP 6735-Developments in Database Structures 3

Prerequisite: COP 5716 or equivalent. This course covers traditional and emerging databases with emphasis on advanced areas in development methodologies, object orientation, connectivity, and query language/optimization. Research projects in selected topics, such as distributed, knowledge base, deductive, multimedia, spatial/temporal, data warehousing, and Web databases, will be developed.

COT 5405-Algorithms & Complexity 3

Prerequisites: COT 3210, COP 3530. For beginning graduate students. Analysis of various algorithm design strategies, divide-and-conquer, greedy method, backtracking, branch-and-bound, lower bound theory, NP-hard and NP-complete. Students will extend course topics via library assignments or other instructor assigned requirements.

COT 5561-Applied Graph Theory 3

Prerequisites: COT 3100 and COP 3530 or COP 3540 or equivalent. Topics in graph theory including coloring, domination, and flows will be covered as well as applications of graph theory in computing and modeling real-world phenomena, and graph algorithms. Individual research project will be required.

COT 6416-Computational Complexity 3

Prerequisites: COT 3210, COT 4400 or COT 5405. This is a course in structural complexity theory. The focus is on the models of computation and the structure and relationship among the important classes of computational problems such as P, BPP, NP, co-NP, and PSPACE. Results on the hardness of approximating optimization problems which follow from the PCP Theorem and the theory interactive proofs will be presented.

CIVIL ENGINEERING

CEG 5304-Applied Engineering Geology 3

Prerequisite: CEG 3011C Co-requisite: CEG 3011C. This course addressed the application of geological information to engineering problems. Topics covered include soil and rock mechanics, instrumentation, geological hazards, field testing, coring and classification of geological materials, and probability and statistics as applied to geological materials.

CEG 6016-Advanced Geotechnical Engineering 3

Prerequisite: CEG 3011C. This course provides a continuum based approach to soil mechanics using both elastic and plastic approaches. Basic topics covered will include stress and Mohr's circle, elastic and plastic strains, elastic constants, soli strength, and yield and plastic flow. Advanced topics will include critical state soils mechanics and application of various soil models including cam clay.

CEG 6018-Applied Computational Geotechnics 3

Prerequisites: CEG 3011C, CEG 3111. This course covers the use of finite element computer methods to analyze complex geotechnical engineering problems. Course will focus on various problems in geotechnical engineering, including shallow foundations, retaining structures, slope stability, and tunnels. Emphasis will be placed on advantages of finite element based solution over traditional statics-elastic based solutions and the importance using the proper soil models.

CEG 6118-Advanced Foundation Engineering 3

Prerequisite: CEG 3111. This course covers advanced topics in foundation engineering and design. Topics will include piles and pile groups subjected to axal and lateral loads, design of soil anchors and soil nails and limit states design of foundation.

CEG 6320-Drilled Shaft Foundations in Rock 3

Prerequisites: CEG 3011C, CEG 3111. This course addresses the design and analysis of drilled shaft foundations in rock. Topics covered will include intact rock characterization, rock mass and discontinuity characterization, deformation and strength of rock, axal and lateral, capacities of drilled shafts, axal and lateral deformations, and stability of drilled shaft foundations.

CEG 6515-Slope Stability 3

Prerequisites: CEG 3011C, CEG 3111. This course covers soil mechanics concepts to the design and analysis of earth slopes. Topics covered will include infinite slope analysis, limit equilibrium slope analysis, finite element slope analysis, and mechanics and analysis of reinforced slopes.

CEG 6806-Ground & Site Improvement 3

Prerequisite: CEG 3011C. This course covers methods for improving soil and rock and associated verification techniques for assessing ground improvements. Ground improvement methods discussed include mechanical modification (compaction), hydraulic modification (dewatering and vertical drains), grouting, and soil reinforcement. Verification techniques discussed will include field testing, intrusive testing, and geophysical testing.

CES 5105-Advanced Mechanics of Materials 3

Prerequisite: CES 3104C. This course covers advanced topics in solid mechanics. Course topics include review of stress and strain theories, lineal stress-strain relationships, inelastic material behavior, and application of energy methods, stress concentrations, introduction to fracture mechanics, fatigue, and creep.

CES 5326-Bridge Engineering 3

Prerequisites: CES 3605C, CES 4702C. This course covers the design of structural systems for bridges using the Aashto-Lrfd design methodology. Topics covered will include analysis by influence lines, design of slab, beam-slab, and existing bridges.

CES 5706-Advanced Reinforced Concrete 3

Prerequisite: CES 4702C. This course covers the design of frames, two-way floor systems, shear walls; shear and torsion; compression field theory; inelastic analysis; wind and seismic design; and provide an introduction to prestressed concrete.

CES 6116-Finite Element Structural Analysis 3

Prerequisite: Consent of instructor. This course focuses on the concepts, theory, and application of the finite element method to one-, two-, and three-dimensional structural components and systems. This course will also cover stability and dynamics of structural systems.

CES 6144-Advanced Structural Analysis 3

Prerequisite: CES 3100. This course covers the theory and application of traditional structural analysis for trusses, beams, frames, cables, and arches as either determinate or indeterminate systems. Topics covered will include matrix methods including the direct stiffness method, and flexibility and stiffness method with introduction to computer-based techniques.

CES 6715-Prestressed Concrete 3

Prerequisite: Graduate standing and consent of instructor. This course covers prestressed concrete behavior and design for applications in building and bridge design. Topics covered will include the design of fire-and post-tensioned girders, floors, roofs, and walls.

CGN 5932-CE Special Topics in Civil Engineering v. 1-3

Prerequisite: Permission of instructor. This course will cover an in-depth study of current civil engineering topic. The course content will vary each time the course is offered and will be focused on state-of-the-art concepts that are not addressed in current course selections. May be repeated for up to 6 credits.

CGN 6933-CE Special Topics in Civil Engineering v. 1-3

Prerequisite: Graduate standing and permission of instructor. This course will cover an in-depth study of advanced civil engineering topics. The course content will vary each time the course is offered and will be focused on state-of-the-art concepts that are not addressed in current course selections. May be repeated for up to 6 credits.

CGN 6970-CE Master's Thesis 3

Prerequisite: Graduate standing and permission of instructor. The student will conduct individual research on topic relevant to civil engineering. The research topic will be chosen by the student in conjunction with their advisor. The course may be repeated for up to 6 credits.

CGN 6974-CE Master's Project 3

Prerequisite: Graduate standing and permission of instructor. The student twill undertake a comprehensive civil engineering design project conducted under the supervision of their faculty advisor. The comprehensive design project is to be chosen by the student in conjunction with their faculty advisor.

CWR 5305-Stormwater Management 3

Prerequisites: CWR 4202C, ENV 3001C, MAP 2302. This course explores the management of stormwater quality (flooding, low flow augmentation, etc.) and quality (pollutant levels, receiving water impacts, etc.). The course involves an extensive use of case studies and focuses on the urban setting. Computer modeling techniques are emphasized.

CWR 5545-Water Resources Systems 3

Prerequisites: CWR 4202C, ENV 3001C, MAP 2302. This course introduces and applied simulation models and optimization methods to analysis, design and operation of water resource systems, including systems for water supply, water quality management, flood control and hydropower.

CWR 6150-Engineering Hydrology 3

Prerequisites: CWR 4202C, MAP 2302. This course covers the engineering applications of physical and statistical hydrology. The principles of surface and groundwater hydrology are reviewed. Tools for hydrologic analysis, including rainfall-runoff analysis, unit hydrographs, flow routing, statistical hydrology, and frequency analysis, are presented. The course culminates in the application of principles and analytical tools to hydrologic design, including design storms, design flows, and risk analysis. Students are introduced to the application of watershed models to hydrologic design.

CWR 6236-River Engineering & Sediment Transport 3

Prerequisites: CWR 4202C, MAP 2302. This course examines river flow hydrology, the processes of sediment entrainment, transport, and deposition, and the interaction of flow and transport in shaping river channels. Course topics include boundary layer flow; physical properties of sediment; incipient, bed-load and suspended-load motion; bed forms; hydraulic roughness, velocity and stress fields in open channels, scour and deposition of bed material; and bank erosion. The course culminates in the application of principles and analytic tools to engineering interference (diversion, dams, dredging); river training works; and hydraulic model studies of rivers.

EGN 6456-Advanced Engineering Analysis 3

Prerequisite: Graduate standing. This course covers methods of analysis to applied engineering problems. The topics covered will include a review of vector calculus and linear algebra, analytical solutions and numerical integration of ordinary differential equations, introduction to finite element and finite difference methods, and an introduction to the

solution of partial differential equations. Examples used in the course will be derived from the field of engineering. Students will be required to use computational tools for this course.

ENV 5640-Design of Water Quality Mgmt Facilities 3

Prerequisites: CWR 3201, ENV 3001C. This course covers the analysis of operations, processes, and systems used in the design of facilities for maintaining water supply quality, wastewater control, and aquatic pollution control. The design of wastewater collection systems, water and wastewater treatment plants, and systems for disposal for residuals from such faculties is included in this course.

ENV 6510-Aquatic Chemical Processes 3

Prerequisite: ENV 3001C. This course covers the applicability of water chemistry and physical chemistry on natural waters and waste-water with emphasis on environmental engineering problems.

ENV 6511-Biological Treatment Systems 3

Prerequisite: ENV 4012. This course covers the theory and design of biological operations and processes in environmental engineering using the latest technologies.

ENV 6519-Physical/Chemical Treatment Systems 3

Prerequisite: ENV 3001C. This course covers the theory and design of physical and chemical operations and processes in environmental engineering using latest technologies.

ELECTRICAL ENGINEERING

EEE 5316L-Advanced Electronics 3

Prerequisite: EEL 4309C or equivalent. This course is a lab-oriented course that covers the application of electronic devices and linear-digital integrated circuits in the design and verification of electronic instrumentation, systems, and design projects.

EEL 5060-High Tech Entrepreneurship 3

Prerequisite: Permission of instructor. This course provides an overview of the steps required in the formation of a high tech company. Topics include intellectual property, the preparation of comprehensive business plan and approaches on raising start up financing.

EEL 5500-Digital Communications 3

Prerequisite: EEL 4514 or equivalent. This course discusses the analog-to-digital conversion, the behavior of communication systems in the presence of noise, and optimum signal detection. Selected topics in modern digital communication are also covered.

EEL 5500L-Digital Communications Laboratory 1

Prerequisite: EEL 4514 or equivalent. This course is the laboratory component for EEL 5500 and consists of the investigation, experiment and design of digital communication systems.

EEL 5511-Communication Systems 3

Prerequisite: EEL 3135 or equivalent. This course covers the fundamental principles of communication systems. Topics include the transmission of analog signals, the transmission of digital data, modulation and demodulation, and recent developments in communications.

EEL 5513-Introduction to Digital Signal Processing 3

Prerequisite: EEL 3135 or equivalent. This course covers the fundamental principles of digital signal processing. The topics include discreet time signals and systems, Z-transforms, discrete fourier transform (DFT), and digital filter design.

EEL 5563-Fiber Optics 3

Prerequisite: EEL 3472 or equivalent. 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 5613-State Space Control Systems 3

Prerequisite: EEL 4657C or equivalent. This course covers the design and analysis of control systems using state-space methods. Topics include linear algebra, modeling of physical systems as state-space equations, transformations, stability, controllability and observability, state feedback, observer design, introduction to optimal control, and Riccati equation.

EEL 5722C-Digital Design 4

Prerequisites: EEL 3701C and EEL 3304 or equivalent. 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. A laboratory is included.

EEL 5764C-Digital Computer Architecture 3

Prerequisite: EEL 3701C or equivalent. This course covers advanced processor design and techniques such as multiple execution units, pipe lining, out-of-order instruction execution, predication and speculation. Today's computer designs encompass multiple processors. Recent design trends from multi-core processors, super computers and grid computing will be discussed. The relationship between software elements such as compilers and operating systems and computer design will also be covered.

EEL 5820-Digital Image Processing 3

Prerequisite: EEL 3135 or equivalent. This course covers various electrical engineering aspects of digital image processing techniques and their applications including image acquisition, sampling, color, enhancement, segmentation, compression, coding, and morphology.

EEL 5934-EE Special Topics in Electrical Engineering 3

Prerequisite: Graduate standing and permission of instructor. This course will consist of an in-depth study of a current electrical engineering topic. Topic will vary each time the course is offered and will be focused on state-of-the-art concepts that are not addressed in current course selections. May be repeated up to 6 credits.

EEL 6521-Advanced Digital Communications 3

Prerequisite: EEL 4514 or equivalent. This course will discuss the analog-to-digital conversion, the behavior of communication systems in the preference of noise, and optimum signal detection. Selected topics in modern digital communications will also be covered. There will be a focus on wireless communications including cellular (GSM/EDGE), local

area networks (WIFI), wide area networks (WI MAX), and AD HOC networks (ZIGBEE).

EEL 6521L-Adv Digital Communications Laboratory 1

Prerequisite: EEL 4514 or equivalent. This course is the laboratory component for EEL 6521 Advanced Digital Communications and consists of the investigation experiment and design of digital communication systems.

EEL 6532-Info Theory & Error Correction Coding 3

Prerequisite: EEL 4515 or equivalent. This course covers the principles of information theory and coding fore reliable communications. Topics include source coding, channel coding, synchronization and encryption for secure transmission of digital information and increased system capacity.

EEL 6558-Advanced Topics in Signal Processing 3

Prerequisite: EEL 4750 or equivalent. This course provides an overview of modern signal processing methods including: signal modeling, spectral estimation, adaptive algorithms, neural networks, and applications.

EEL 6568-Optical Systems & Networks 3

Prerequisite: EEL 4440 or equivalent. This course provides a comprehensive study of new developments and how optical technology is used in optical systems and networks. Topics covered include optical fiber applications as the best transmission medium for high capacity traffic in communications networking, dense wavelength division multiplexing, and passive optical networks.

EEL 6591-Wireless/Mobile Communications 3

Prerequisite: EEL 4515 or equivalent. This course illustrates the characteristics of the wireless/mobile environment. Topics covered include wireless/mobile channel and multiple access techniques: frequency division multiple accesses, time division multiple access, and code division multiple access. Advanced topics such as cellular wireless system, wireless sensor networks, and ultra-wide band radio systems will be introduced.

EEL 6650-Control & Instrumentation 3

Prerequisite: EEL 4657C or equivalent. This course covers the design and control of micro controller-based instruments. Topics include standard micro controller on-chip peripherals, sensors, actuators, and control techniques. There is a laboratory component and a term project is required.

EEL 6651-Motion Control 3

Prerequisite: EEL 4657C or equivalent. This course covers the fundamentals of motion control. Topics include position and speed control using advanced control methods. There is a laboratory with this course and a term project is required.

EEL 6735-Computer System Design 3

Prerequisite: EEL 4713 or equivalent. This course addresses various topics in computer design including maximizing processor performance, concepts and techniques for design of computer systems, processor design, instruction set architecture design and implementation, memory hierarchy, pipe-lined processors, bus bandwidth, processor/memory interconnections, cache memory, virtual memory, advanced I/O systems, performance evaluation. Advanced concepts, such as grid computing, are also covered.

EEL 6749-Embedded Systems Design 3

Prerequisite: Permission of the instructor. This course explores the design trends in micro controllers, microprocessors and digital signal processors. Topics include the use of these processor types in various design applications such as biomedical, communications and intelligent highway systems. A design project is included in the course.

EEL 6825-Pattern Recognition 3

Prerequisite: EEL 4750 or equivalent. This course provides an overview of modern pattern recognition techniques for supervised and unsupervised feature extraction and classification including: Bayesian methods, non parametric methods, discriminant functions, neural networks, and stochastic techniques.

EEL 6925-Master's Project 3

Prerequisite: Graduate standing and consent of advisor. Student will undertake a comprehensive electrical engineering project conducted under the supervision of the faculty advisor. The comprehensive project is to be chosen by the student and faculty advisor. A project report is required.

EEL 6935-EE Special Topics in Electrical Engineering 3

Prerequisite: Graduate standing and permission of instructor. This course will consist of an in-depth study of a current electrical engineering topic. The topic will vary each time the course is offered and will be focused on state-of-the-art concepts that are not addressed in current course selections. This course may be repeated up to 6 credits.

EEL 6972-Master's Thesis 3

Prerequisite: Graduate standing and consent of advisor. Individual research involving laboratory/field/modeling investigations on a topic relevant to electrical engineering. The topic is to be chosen by the student and faculty advisor. May be repeated for up to 6 credits.

MECHANICAL ENGINEERING

EGN 6333-Advanced Mechanics of Materials 3

Prerequisite: EGN 3331. This course will cover general theories of stress and strain, stress and strain transformations, and principal stresses and strains. The course will also cover octahedral shear stresses, introduction to elasticity and plasticity, introduction to constitutive behaviors, and introduction to yielding and failure criteria.

EML 5105-Classical & Statistical Thermodynamics 3

Prerequisites: EML 3100, EML 3101. This course continues the development of thermodynamic concepts to include thermodynamic property relations, energy, and chemical and phase equilibrium. The statistical basis for entropy and other thermodynamic properties are covered.

EML 5131-Combustion Phenomena 3

Prerequisites: EML 3100, EML 3101. This course presents the physical and chemical aspects of combustion and associated phenomena. Rate processes, chemical kinetics, chemical structure, and flame propagation and stability of premixed and diffusion-controlled combustible mixtures are covered.

EML 5211-Introduction Continuum Mechanics 3

Prerequisite: Permission of instructor. The course will cover the theory of solid and fluid continua, cartesian tensor theory, and kinematics of infinitesimal deformation. Relations between stress, strain, and strain rate for elastic, plastic, and viscous solids and for compressible and viscous fluids will be studied. General equations of continuum mechanics, integral forms, and their physical interpretation will be discussed. Equations and boundary conditions for elastic and viscoelastic solids and Newtonian fluids will be studied.

EML 5315-Advanced Control System Theory 3

Prerequisite: EML 4313. This course explores the analysis of dynamic mechanical engineering control systems. This course involves modeling, stability, transient response, frequency response, and state-space modeling with implementation consideration. Classical single-input single-output (SISO) linear systems are extended to multi-input multi-output (MIMO) systems.

EML 5403-Fuel Cells 3

Prerequisites: EML 3100, EML 3101. This course covers the properties and efficiencies associated with various fuel cell systems. Particular emphasis is placed on fuel cells characterized as phosphoric acid fuel cells, direct methanol fuel cell, and other direct conversion cells. Fuel cell applications are covered and compared to other energy conversion technologies.

EML 5508-Finite Element Modeling & Analysis 3

Prerequisites: EGN 3203, EGN 3331. This course will cover stress-strain relationships, design of mechanical components and assemblies, and finite element modeling and analysis. In-house modeling and analysis software will be used. Students will be exposed to theoretical background and real life applications.

EML 5606-Air Conditioning & Refrigeration 3

Prerequisite: EML 4601. The course covers the control of the properties of air to meet comfort and industrial requirements. Methods of heating, humidification, cooling and dehumidifying based on thermodynamics, heat transfer and fluid flow considerations are discussed. The overall design of HVAC systems is discussed from determination of heating and cooling loads. The course will focus on designing optimum systems rather than workable systems.

EML 5808-Robotics Engineering II 3

Prerequisites: EML 4313 or equivalent, EML 4806 or equivalent. This course provides an introduction to control techniques associated with spatial serial and parallel manipulator systems. Velocity and force/torque relations and resolved motion rate control for serial and parallel manipulators are covered. State-space equations of robots, controller design based on linearization, nonlinearity cancellation, optimal control, adaptive control and other methods are studied.

EML 5932-Spec Topics in Mechanical Engineering v. 1-3

Prerequisite: Permission of instructor. This course will cover an in-depth study of a current mechanical engineering topic. The course content will vary each time the course is offered and will focus on state-of-the-art concepts that are not addressed in current course selections. May be repeated for up to 6 credits.

EML 6311-Modern Control Engineering 3

Prerequisite: EML 4313. This course covers the analysis and design of dynamic mechanical engineering control systems. Model reference control, state-space control system design, stability, transient response, frequency response with implementation considerations are covered. Advanced topics in intelligent control including optimal control, adaptive control, and fuzzy systems, neural networks and their implementation are also included.

EML 6417-Solar Energy Devices 3

Prerequisites: EML 4140, EML 3101. This course focuses on the study of solar energy systems with an emphasis on solar heating and cooling of buildings. The course includes the design of various types of solar collectors using different materials, working fluids, and geometries. The course will also discuss the theory of energy storage systems and the use of solar energy in electricity generation.

EML 6451-Energy Conversion 3

Prerequisites: EML 3100, EML 3101. This course studies various methods of energy sources, energy storage, and energy utilization. The course will include a survey of energy conversion systems using combined cycles, the comparison of systems based on total energy concepts, the consideration of renewable and exhaustible sources of energy. The course will emphasize solar energy, fossil fuels, nuclear energy, and direct energy conversion systems including thermoelectric, photo voltaic, MHD, and fuel cells.

EML 6556-Mechanical Engineering Master's Project 3

Prerequisites: Graduate standing and consent of instructor. The student will undertake a comprehensive mechanical engineering design project conducted under the supervision of their faculty advisor. The comprehensive design project is to be chosen by the student in conjunction with their faculty advisor.

EML 6809-Intelligent Planning for Robotic Systems 3

Prerequisite: Graduate standing and consent of instructor. This course covers the extension of robot mechanics to trajectory generation, kinematic control, and force control of single-arm robot manipulators. Off-line path planning associated with re-configurable robotics, dual-arm robotics, and mobile robot systems is also developed. Students perform simulation projects to implement and apply course topics.

EML 6933-Spec Topics in Mechanical Engineering v. 1-3

Prerequisite: Graduate standing and permission of instructor. This course will cover an in-depth study of advanced mechanical engineering topics. The course content will vary each time the course is offered and will focus on state-of-the-art concepts that are not addressed in current course selections. May be repeated for up to 6 credits.

EML 6972-Mechanical Engineering Master's Thesis 3

Prerequisite: Graduate standing and consent of advisor. The student will conduct individual research on a topic relevant to mechanical engineering. The research topic will be chosen by the student in conjunction with their advisor. The course may be repeated for up to 6 credits.

College of Education & Human Services

Dean's Office
Larry G. Daniel, Ph.D., Dean
Marsha H. Lupi, Ed.D., Associate Dean
(904) 620-2520

The College of Education and Human Services has long valued its role in the preparation of school and human services professionals. The ever-broadening, increasingly diverse needs of society, however, have created a continuing demand not only for qualified educators, but for other professionals who are equipped to make an impact on children and adults with whom they work. Graduate students may choose from specialization concentrations in educational leadership, counselor education, elementary education and special education, or seek certification for teaching options in school settings from pre-kindergarten to secondary levels.

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 accountability and to the success of graduate students during their time of matriculation, the college requires that students in all graduate programs be assessed at various transition points during their programs of study. At each transition point, faculty utilize specific data on student progress to make important decisions about continuation in the program. Transition point assessments are interspersed throughout a student's program and include measures such as formal evaluation of admission criteria; individual course assessments; formal faculty review of students at particular intervals within a program; program-required examinations, theses, or dissertations; completion of capstone courses; and formal review of student progress at the time of program completion. Information about transition points used within any particular program of study may be obtained by contacting the department office in which the program is offered.

In accordance with the federal Higher Education Act (HEA), the College of Education and Human Services keeps annual records of the success of teacher education candidates on a series of state assessments known as the Florida Teacher Certification Examination (FTCE). HEA provisions require that these data, along with the institution's ranking among the other institutions with teacher education programs in the state, be made available in institutional catalogs. For the year 2006 reporting period, 100 percent of students who completed UNF's teacher education program obtained acceptable scores on the basic skills portion of the FTCE. Pass rates on the professional knowledge and subject area portions of the FTCE were 100 percent, respectively

Doctoral Program

The college offers a program of advanced graduate study leading to a Doctor of Education Degree in Educational Leadership. The program includes course work in specific areas of study, and requires satisfactory performance on the comprehensive examination, and completion of a dissertation. Students are admitted as part of a cohort who complete the majority of their course work together. Admissions requirements and a description of the program of study are included below. Applicants seeking admission to the doctoral program should contact the Department of Leadership, Counseling and Instructional Technology at (904) 620-2990.

The Master's Degree Programs

The programs leading to the Master of Education degree have as their primary objective the preparation of educators and human services professionals with demonstrated competencies and practices. Master's programs are offered in educational leadership (school leadership/administrator certification, postsecondary and adult studies, advanced teaching and learning) and educational technology leadership; elementary education (professional education, initial and add-on certification, literacy and instructional technology concentrations); secondary education (professional education, initial and add-on certification, instructional technology, TSEOL and adult learning concentrations); special education (deaf education, disability services, and exceptional student education concentrations); and counselor education (school counseling concentrations and mental health counseling concentrations).

Admissions

Applicants must meet minimum requirements for admission to graduate programs as established by the Florida Department of Education's Division of Colleges and Universities and the University of North Florida. Individual programs in the college have established admissions criteria beyond the minimum requirements. All applicants seeking admission to master's programs in the college are required to meet with an academic advisor prior to admission. Contact the Office of Academic Advising, at (904) 620-2530. Additional information regarding admission is available from the Office of Academic Advising.

Master of Education

In addition to the University requirements for graduate admissions, the following items must be submitted to the Graduate School for consideration for admission to Master of Education programs:

1. For professional education, "add-on" certification, and advanced study program concentrations in elementary, secondary, and special education, and for educational leadership program concentration leading to Florida administrator certification, a professional Florida Teaching Certificate or its equivalent. Individuals not holding a professional certificate may be admitted to graduate study in certain programs. Persons holding temporary certificates do not meet this requirement.
2. For all M.Ed. programs, three letters of recommendation citing academic and professional potential.

Note: Evidence of successful teaching or work experience may be a criterion for Florida certification. Students who fail to meet the College of Education and Human Services or special program/department requirements for admission may request a review of their qualifications by a program/department review committee and the dean of the college. Such requests must be in writing and must include supporting evidence.

Component Cores

Master's programs require a minimum of 36 to 60 hours exclusive of prerequisites. Two core courses are required of all master's students regardless of program of study pursued. Specific master's degree programs may require additional core courses for all students in the given program.

Each student will be expected to demonstrate satisfactory performance in all elements of the core and major requirements.

Although minimum requirements for the degree programs have been established, actual requirements differ in each of the program areas. Wherever possible, flexibility has been maintained. Individual programs of study are developed in terms of the student's competency level and career goal.

Doctor of Education in Educational Leadership

The minimum criteria for admission to the program are the following:

1. A master's degree earned from a regionally accredited institution.
2. Three years of successful teaching, administration, or related work in training and development.
3. Demonstrated leadership or leadership potential.
4. Demonstrated academic ability and potential to complete the course work and a dissertation successfully.
5. A successful interview with the Doctoral Admissions Committee.
6. Recommendation of the Doctoral Admissions Committee.

Applicants will be asked to submit to The Graduate School transcripts of previous college work, a writing sample, and acceptable scores on the GRE that were obtained not more than five years ago. International applicants must also submit a TOEFL score and a foreign college evaluation if they do not have an academic degree from an English-speaking institution. Information about the program and application forms may be obtained from the Department of Leadership, Counseling and Instructional Technology.

Academic Advising

The Office of Academic Advising provides individualized academic advising to all students in the college. During the initial advising conference, advisors will:

1. Explain the admission procedures to the student,
2. Help the student select the major which will lead the student to achieving career goals; and

3. Plan a tentative program of study.

Upon each applicant's admission to the program, the department will assign an academic advisor from among the department faculty to finalize the program of study. Doctoral students should contact the Ed.D. program director at (904) 620-2990.

Academic Integrity

Students are expected to adhere to the highest standards of integrity and professionalism. This expectation 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 the student's dismissal from the program.

Course Work Requirement

A minimum of 36 credits must be included in a planned master's program. No less than 60 percent of the total graduate hours must be at the 6000-level. At least one-half of the course work must be taken in the College of Education and Human Services. All requirements for the degree must be completed within six years after being admitted to the program.

Fingerprinting Requirement

Fingerprinting is required for students enrolled in the school and mental health counseling concentrations. Florida state law requires that all persons engaging in any type of work with children at schools must be fingerprinted and cleared through official school district procedures. Students are advised that noncompliance with fingerprinting requirements or failure to receive clearance will result in the inability to complete course and program requirements. Contact the Office of Educational Field Experiences for information regarding fingerprinting procedures.

Directed Independent Study

The purpose of an independent study is to allow a student to pursue an in depth study of a topic under the direction of a College of Education and Human Services faculty member. Regularly offered courses typically involve classroom interaction and normally are not available as directed independent studies. Interested students should contact the individual professor.

Credit Transfers

Acceptance of transferred credit for the master's degree is at the discretion of the department chairperson, with the approval of the dean of the College of Education and Human Services. The grade for each course must be at least a "B". Such work must have been completed within the previous five years at an institution which offers a master's degree and is accredited by a regional accrediting association and/or approved by the Florida Department of Education for graduate-level teacher preparation or preparation as a human services provider.

Course Validation

Course work completed at UNF more than five years prior to the completion of a master's degree program may not be applied toward that program unless validated. Course work completed at other institutions more than five years prior to the completion of a graduate degree may not be applied toward any program. UNF course work which has exceeded the five-year time limit may be considered for validation by the following procedures:

1. Permission of the appropriate department chair must be requested in writing by the student.
2. The department chair will review the request and either permit or deny the validation request. If permission is granted, the chair will assign the appropriate person(s) within the program for the student to contact to initiate the validation process.
3. The program faculty member responsible for the validation process may choose to:
   a. have the student attend the class and take the exams; or
   b. assign selected readings and/or a text, then interview the student informally to determine if the student's knowledge is current and/or give a written assignment to assess the student's competence in the area.
4. If a student successfully completes the validation process, the faculty member will write a memorandum for the student's file, which indicates that the course has been validated and that it is acceptable for inclusion in the program of study.

Residence Requirement

Course work taken on campus or through the off-campus cohort program is considered residence study for degree purposes, assuming the student is a fully admitted graduate student. At least 24 hours must be completed in residency.

Doctor of Education in Educational Leadership

Special provisions regarding admissions, programs of study, and graduation related to the Ed.D. in Educational Leadership are described later in this section. For more information about the Ed.D. in Educational Leadership please contact the Doctoral Program, Department of Leadership, Counseling and Instructional Technology at (904) 620-2990.

Master's Degree Majors - Prerequisites

Elementary Education

- Valid Professional Florida Teaching Certificate in Elementary Education or its equivalent.
- Teaching experience

K-12 and Secondary Education

- Valid Professional Florida Teaching Certificate in appropriate content field or its equivalent.

- All content requirements for certification
- Teaching experience

Special Education
Eligibility for a Florida Teaching Certificate or appropriate experience as determined by the program faculty.

Counselor Education: School Counseling Concentration
Six credits of course work in the sociological or psychological foundations with grades of B or above.

Educational Leadership: School Leadership for Florida Administrator Certification
- Valid Florida Professional Teaching Certificate
- Student may not graduate until appropriate documentation of three years of successful teaching experience has been received.

Teacher-Certification-Only
Students who have completed a bachelor's degree in a non-education field of study may pursue teacher certification by completing "Teacher-Certification-Only" (TCO). All TCO coursework must be taken at the graduate level (i.e., 5000 and 6000 level courses) unless graduate-level courses are not offered. Enrollment of TCO students in undergraduate courses requires approval of an advisor and/or the appropriate department chair. TCO students must meet all criteria for admission to the college's undergraduate teacher education programs (see undergraduate catalog). TCO does not lead to the awarding of a degree. Students interested in TCO should contact the college's Office of Academic Advising at (904) 620-2530.

Educator Preparation Institute
The Educator Preparation Institute (EPI) offers an alternative certification program as part of the state's efforts to address critical teacher shortages. The program targets beginning teachers with temporary teaching certificates and degree holders in fields other than education. A new EPI Cohort begins each August. The EPI provides a ten-month combination of connected learning modules, field experiences, and mentoring. Participants can earn graduate credit during the program by taking EDG 6250 - Instructional Strategies in the Curriculum and/or EDF 6211 - Advanced Educational Psychology as part of their EPI program. Completers are awarded a credential from UNF's College of Education and Human Services confirming mastery of all state requirements for professional certification and eligibility to apply for a Florida Professional Teaching Certificate. All EPI participants are encouraged to use the EPI as a pathway into an advanced degree in education.

Admission to the Program
The EPI is organized as a cohort model, with a new cohort of participants beginning each fall semester. Individuals may apply at any time for the next available cohort. Applicants must either be K-12 teachers with temporary teaching certificates or hold at least a bachelor's degree in a field other than education.

Required EPI Modules: 240 Total Hours

1. EPI 001 The Instructional Process: Classroom Management & Assessment
2. EPI 002 The Instructional Process: Instructional Strategies or
   EDG 6250 Instructional Strategies in the Curriculum (3 credits)
3. EPI 003 The Instructional Process: The Teaching and Learning Process or
   EDF 6211 Advanced Educational Psychology (3 credits)
4. EPI 004 The Teaching Profession: Professional Foundations
5. EPI 005 The Instructional Process: Diversity in the Classroom
6. EPI 006 The Instructional Process: Technology
7. EPI 007 Web-based: FOR-PD Reading Course

Please note that no courses with the EPI prefix may be taken for credit in a degree program and course information is not included in this catalog. For more information regarding EPI module descriptions, please contact the Educator Preparation Institute.

Dept. of Leadership, Counseling & Instructional Technology
Larry G. Daniel, Ph.D., Professor & Dean
Cheryl A. Fountain, Ed.D., Professor & Executive Director, Florida Institute of Education
Sandra L. Gupton, Ph.D., Professor
Katherine M. Kasten, Ph.D., Professor & Doctoral Program Director
Elinor Scheirer, Ph.D., Professor
Carolyn B. Stone, Ed.D., Professor
Warren A. Hodge, Ph.D., Associate Professor
Jennifer Kane, Ph.D., Associate Professor
Russell Mays, Ed.D., Associate Professor
Kenneth T. Wilburn, Ph.D., Associate Professor
David Whittinghill, Ph.D., Associate Professor
Shunda Brown, Ph.D., Assistant Professor
Sebastian Foti, Ph.D., Assistant Professor
Christopher Janson, Ph.D., Assistant Professor
Marcia L. Lamkin, Ed.D., Assistant Professor & Program Director, Master's Program in Educational Leadership
Jason Lee, Ph.D., Assistant Professor
Marcelle C. Lovett, Ed.D., Assistant Professor

The Department of Leadership, Counseling and Instructional Technology offers professional studies suitable to students interested in careers in educational leadership, postsecondary and adult studies, school counseling and instructional technology. Master of education programs are offered in counselor education, educational leadership and postsecondary and adult studies, and a doctor of education program is offered in educational leadership.

Master of Education in Counselor Education

Program Description and Mission

The counselor education program offers a master of education degree with specializations in two concentrations: Mental Health Counseling and School Counseling. Both concentrations are accredited by the Council for the Accreditation of Counseling and Related Educational Programs (CACREP). CACREP approval is a professional standards accreditation which validates the quality of education of counseling and related programs. Graduates of the School Counseling concentration will have fulfilled the educational requirements for the Florida Certificate in Guidance (K-12). Upon graduation, those in the Mental Health Counseling concentration will have fulfilled the educational requirements for Florida licensure as mental health counselors. Graduates of both concentrations will also be eligible to apply for national certification through the National Board of Certified Counselors (NBCC) and the National Board of Professional Teaching Standards (NBPTS). The mission of the UNF counselor education program is to provide an intellectually stimulating and supportive environment in which to prepare professional counselors in schools or mental health agencies. This preparation encompasses academic rigor, promotes ethical and professional integrity, and emphasizes effective interpersonal communication and helping skills. Personal exploration and awareness are also integral components of the training process.

Fingerprinting

Fingerprinting is required for students enrolled in the school and mental health counseling concentrations. Florida state law requires that all persons engaging in any type of work with children at schools must be fingerprinted and cleared through official school district procedures. Students are advised that noncompliance with fingerprinting requirements or failure to receive clearance will result in the inability to complete course and program requirements. Contact the Office of Educational Field Experiences for information regarding fingerprinting procedures.

Faculty Guiding Principles

- We believe that professional counselors value and honor diversity, equity, and equality of opportunity for all people.
- We believe that a life-span and global perspective is integral to the training of professional counselors.
- We believe that professional counselors stand for social, economic, and political justice and therefore must be proactive change agents and advocates for all people.
- We believe that professional counselors are obligated to confront their own beliefs and assumptions and change biased behavior regarding sexism, ageism, racism, classism, ableism, and homophobia.
- We believe that professional counselors are ethically obligated to strive toward optimum psychological health and to engage in self-care activities which attend to the physical, mental, spiritual and psychological dimensions.
- We believe that professional counselors have an ethical obligation to work at their highest level of competence and only within their areas of expertise.
- We believe the academic preparation process must emphasize the application of theory to practice and encompass opportunities for experiential learning throughout the program.

Programmatic Guiding Principles

In order to ensure that the characteristics listed above are present in the graduates of the counselor education program, the faculty believes the program should include:

- comprehensive, rigorous entrance requirements for potential students;
- individual consultation and advising throughout the students' program;
- screening at several points throughout the program;
- opportunities for students to engage in ongoing field experiences throughout their program;
- a comprehensive curriculum composed of an appropriate blend of theoretical knowledge and training in specific skills;
- an emphasis on the personal qualities of the counselor in training; and
- a strong emphasis on counseling, consultation, advocacy, and leadership skills throughout the program.

The School Counseling Concentration

The School Counseling concentration centers upon preparing counselors to meet the academic, career, emotional, and social needs of culturally and linguistically diverse student populations. The school counseling concentration prepares school counselors to fulfill the following roles:

- serve as advocates, educational leaders, team members, counselors, and consultants to maximize opportunities for students to succeed academically;
- develop in students a commitment to achievement and provide conditions that enable students to accomplish their goals;
- help students recognize their potential and enhance their capacity to make academic and career decisions;

- serve as leaders and stewards of equity and achievement and be able to remedy institutional and environmental barriers impeding students' progress;
- provide all students with academic and career advising in order for them to form values, attitudes and behaviors conducive to their educational and economic success; and
- become managers of resources and partnership builders, and enlist the support of parents, agencies, and community members.

Admission to the Program

The School Counseling concentration is organized according to a cohort model. Students are admitted to the program each spring for the cohort, which will begin the following summer semester. Applicants must have a combined verbal and quantitative score of 1000 on the GRE or a 3.0 average for the last 60 credits of undergraduate study. Applicants need not have an undergraduate degree in education. Additionally, applicants are required to have completed at least 6 credits in the behavioral sciences (all with grades of "A" or "B"). Also required is an application portfolio, which contains three letters of recommendation, a professional goals statement, an impromptu writing sample, and written reactions to journal articles and school scenarios. Applications may be found at www.unf.edu/coehs/degrees/esr/soar/index.htm. Applicants will interview with a selection committee comprised of program faculty and practicing school counselors and will deliver a brief public speech on an educational topic.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Continuance in the Program

All program applicants will be admitted on a trial basis until the end of the first semester. Instructors will provide written feedback regarding the student's progress to the admissions committee who will finalize the admission process. Faculty will monitor the student's performance throughout the program. Completion of the program is dependent not only upon academic performance but also on the demonstration of appropriate interpersonal skills, professional demeanor, and social and ethical judgment. Faculty will advise students in cases where they receive grades lower than a "B" and/or are not performing satisfactorily.

Major: Counselor Education
Concentration: School Counseling
Degree: Master of Education

Prerequisites

- Six hours of Psychology or Sociology with grade "B" or better is required.
- This requirement may have been satisfied within undergraduate degree.
- Computer skills (student is allowed to acquire skills through a variety of means and can demonstrate the necessary skills at designated times during the first semester through examination and/or demonstration)
- Individualized school experience contract.

Core Requirements (6 credits)

EDF 6495	3	Research in Counseling
EDF 6607	3	Education in America

Major Requirements (42 credits)

MHS 6201	3	Appr Proc Mental Health Counsel
MHS 6407	3	Theories of Counseling
MHS 6421	3	Counseling Children/Adolescent
MHS 6482	3	Person/Life Span Development
MHS 6530	3	Grp Lead Skls For Sch Counsel
MHS 6600	3	Seminar: Consultation Skills
MHS 6780	3	Legal, Ethical, Prof School Counsel
SDS 6000	3	School Family: Mng Student Beh
SDS 6014	3	0rg/Adm of School Counseling
SDS 6310	3	Career/Lifestyle Development
SDS 6830	3	Internship Couns/Coordination
SDS 6831	3	Mgmt of Resources
SDS 6832	3	Internship: Career Advising
SDS 6940	3	Practicum in School Counseling

The Mental Health Counseling Concentration

The program of study for the Mental Health Counseling concentration is designed to provide comprehensive training for individuals who wish to counsel diverse populations in a variety of mental health settings. Curricular experiences encompass opportunities to explore the life-span, social, and cultural foundations of behavior; practice psychotherapeutic and diagnostic skills; and complete extensive field experiences in order to apply knowledge and skills in professional settings. The Mental Health Counseling concentration prepares mental health counselors to fulfill the following roles:

- provide direct counseling services to individuals, groups, and families;
- assist clients in making responsible decisions and in developing skills of self determination;
- provide resources, referrals, and information to assist clients in coping with societal, economic, and other barriers;
- serve as models and mentors to clients as they pursue optimum levels of mental health;
- advocate for clients' rights through participation in community, state, and national organizational efforts; and
- become leaders in community agencies in efforts to facilitate delivery of optimum mental health services.

Admission to the Program

Students are admitted to the program each fall and spring. Applicants must have at least a combined verbal and quantitative score of 1000 on the GRE or a 3.0 average for the last 60 credits of undergraduate study. Also required are a personal goals statement, a professional resume, and three letters of reference (on forms provided) from individuals who have professional or academic knowledge of the applicant. All applicants who meet the qualifications above will be invited to interview with the faculty to ascertain applicant potential as mental health counselors.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Continuance in the Program

Students' competence and suitability for the program are subject to an on-going and broadly based evaluation by the faculty. In addition to the regular evaluation process and grading in individual courses, a Student Progress Assessment Form is completed for every student in the spring semester of each academic year by faculty. In addition to academic performance, decisions regarding continuance of studies are based upon the demonstrated competence in each of the following areas: interpersonal skills, ethical judgment, and professional demeanor. Faculty will advise students in cases where they receive grades lower than a "B" and/or are not performing satisfactorily. Additional information regarding requirements of the program is delineated in the Counselor Education Student Handbook provided to each student upon admission.

Mental Health Counseling

Note: The Mental Health Counseling Program recently moved from the College of Education and Human Services to the Brooks College of Health. Information about the Mental Health Counseling Program is printed in the College of Educating and Human Services section of this catalog.

Major: Counselor Education
Concentration: Mental Health Counseling
Degree: Master of Education

Core Requirements **(3 credits)**

Select 1 from the following:

EDF 6480	Foundation in Education Research
EDF 6495	Research in Counseling

Major Requirements **(48 credits)**

MHS 6070	3	Psychopathology
MHS 6201	3	Appr Proc Mental Health Counse
MHS 6401	3	Advanced Counseling
MHS 6407	3	Theories of Counseling
MHS 6428	3	Counseling Diverse Populations
MHS 6450	3	Substance Abuse Counseling
MHS 6470	3	Sexual Issue In Counseling
MHS 6482	3	Person/Life Span Development
MHS 6510	3	Group Counseling
MHS 6700	3	Legal, Prof, Eth In Counseling
MHS 6800	3-6	Prac: Mental Health Counseling
MHS 6830	3-6	Intern In Mental Health Counse
MHS 6941	3	Prepracticum in Counseling
SDS 6310	3	Career/Lifestyle Development

Major Electives **(9 credits)**

Select 3 courses from the following
(Must have approval of program sponsor)
Prefixes: MHS or SDS

The Counselor Education Advanced Certificate Program

The counselor education program offers a non-degree Advanced Certificate Program in mental health counseling to accommodate individuals who have completed master's programs in counseling but who wish additional training or who are attempting to meet state requirements for licensure. Advanced certificate study in school counseling is available only to M.Ed. graduates of the UNF mental health counseling concentration of the counselor education program. The requirements for admission to the program include the following:

1. Meet the same requirements previously described under Admission to the Program (e.g. GRE score of at least 1000, personal goals statement, etc.)
2. Provide original transcripts, which document completion of a master's degree in counseling from an accredited college or university.

Upon admission to the Advanced Certificate Program the student will:

1. Meet with program faculty to develop a planned program of study of up to 30 hours.
2. Complete the program of study within a period of three calendar years.

Individuals seeking admission to the advanced certificate program will meet with a faculty advisor to review their master's transcript and develop a program of study. Typically, the Program of Study will include all of the courses required for licensure or certification, as well as additional courses as determined by the faculty advisor. If a student needs a practicum or internship for licensure or certification, the student must agree to enroll in the field experience after completion of all other course work.

Although graduate level credit is awarded, the advanced certificate is not affiliated with the CACREP approved master's degree programs; therefore, students completing the advanced certificate will not have completed a CACREP approved program.

Master of Education in Educational Leadership

Guided by the belief that the most important purposes of schooling are teaching and learning, the programs in educational leadership are designed to develop effective educational leaders. The programs are characterized by research-based studies of educational policy, leadership behaviors, managerial strategies and skills, and criteria of effective schools. The college offers educational leadership programs leading to a master of education degree (M.Ed.) and a doctor of education degree (Ed.D.). Non-degree studies leading to Florida certification in educational leadership are also available.

Admission Requirements

1 The applicant must meet University requirements for admission to graduate study and
2. Provide three satisfactory letters of recommendation (obtain forms from the Office of Academic Advising).
3. Florida administrator certification students may not graduate until appropriate documentation of three years of successful teaching experience has been received.

Program faculty may recommend a trial program for a student even if the applicant meets minimum admission requirements.

For students admitted on or after August 2008: Students must obtain passing scores on all three parts of the Florida Educational Leadership Examination (FELE) (Instructional Leadership, School Leadership, and Operational Leadership) to be eligible for graduation.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1UNF Drive, Jacksonville, FL 32224.

Master's Programs

Four concentrations are available in the Educational Leadership program at the master's level; school leadership, postsecondary and adult studies, advanced teaching and learning, and educational technology. Programs of study in each of the degree concentrations consist of the following elements: the six-hour graduate core requirement of the college (or equivalent graduate level course work); specified courses in educational leadership and program electives.

School Leadership Concentration: The School Leadership program is the master's degree program intended for individuals seeking professional certification in the area of educational leadership. The program of study includes the Florida educational leadership core curriculum required for certification.

Major: Educational Leadership
Concentration: School Leadership
Degree: Master of Education

Core Requirements (6 credits)

EDF 6607	3	Education in America

Select 1 from the following:

EDF 6480	Foundations in Education Research
EDG 6911	Action Research in Education

Major Requirements (27 credits)

EDA 6061	3	Introduction to Ed Leadership
EDA 6196	3	Leadership/Learning Organization
EDA 6215	3	Developing School/Comm Resource
EDA 6232	3	Law & Ethics in Ed Leadership
EDA 6242	3	School Finance
EDA 6271	3	Technology & Ed Leadership
EDA 6945	1-9	Practicum in Educatl Leadrshp
EDG 6625	3	Curriculum Leadership Schools
EDS 6130	3	Human Resource Dev in Education

Major Electives (6 credits)

Select 2 courses from the following:

EDA 6191	Team Leadership & Development
EDG 6285	Fundamentals Program Evaluation
EDG 6287	Prin of School Account & Assesst
EDA 6302	Lifelong Learning & Prof Dev
EDA 6330	Admin & Mgmt Student Services
EDA 6503	The School Principal
EDA 6910	Individual Study & Research
EDA 6930	Grant Dev & Project Design
EDA 6199	Int'l Perspective of Ed Leadership
EDS 6050	Instructional Leadership

or a pre-approved elective

Major: Educational Leadership
Concentration: Postsecondary & Adult Studies
Degree: Master of Education

Core Requirements (6 credits)

Select 1 from the following:

EDF 6607	Education in America
EDF 6687	Multicultural/Urban Foundations Ed

Select 1 from the following:

EDF 6480	Foundation Education Research
EDG 6911	Action Research in Education

Major Requirements (21 credits)

EDA 6208	3	Org & Leadership in Higher Ed
EDA 6945	1-9	Practicum in Educatl Leadership
EDA 6191	3	Team Leadership
EDA 6196	3	Leadership/Learning Organizat
EDA 6302	3	Lifelong Learning/Prof Develop
EDG 6285	3	Fundamentals of Program Eval
EDG 6626	3	Curr/Instr for Adult Learning

Major Electives **(12 credits)**

Elective choose 4 courses from the following:

EDA 6061 Introduction to Educational Leadership
EDA 6232 Law & Ethics in Educational Leadership
EDA 6271 Technology & Educational Leadership
EDA 6199 Int'l Perspectives of Ed Leadership
EDS 6130 Human Resource Development in Ed
EME 6405 Educational Web Design
EME 6409 Interactive Distance Education
EME 6418 Educational Multimedia
EME 6441 Technology for Special Population
EME 6601 Instructional Design & Application
MHS 6066 Intro to Counseling Procedures
MHS 6482 Personality & Lifespan Development
SDS 6310 Career & Lifestyle Development
or a pre-approved elective

This program does not meet the requirements for certification in educational leadership, administration or supervision as required by Florida Department of Education.

Major: Educational Leadership Concentration: Advanced Teaching & Learning Degree: Master of Education

Core Requirements **(6 credits)**

Select 1 from the following:

EDF 6607 Education in America
EDF 6687 Multi & Urban Foundation in Education

Select 1 from the following:

EDF 6480 Foundations in Education Research
EDG 6911 Action Research in Education

Major Requirements **(21 credits)**

EDS 6050	3	Instructional Leadership
EDA 6945	1-9	Practicum in Educatl Leadrshp
EDA 6191	3	Team Leadership
EDA 6196	3	Leadership/Learning Organizat
EDA 6302	3	Lifelong Learning/Prof Develop
EDG 6285	3	Fundamentals of Program Eval
EDG 6626	3	Curr/Instr for Adult Learning

Major Electives **(12 credits)**

Select 12 hours from the following list:

EDA 6271 Ed Management System
EDA 6330 Admin Management Student Services
EDF 6211 Advanced Educational Psychology
EDF 6442 Assessment in the Curriculum
EDG 6287 Princ School Account & Assessment
EDG 6625 Curriculum Leadership in School
EDG 6336 Improvement of Instruction
EME 6405 Educational Web Design
EME 6409 Interactive Distance Education
EME 6418 Educational Multimedia
EME 6441 Technology for Special Populations
EME 6601 Instructional Design & Application
TSL 6142 ESOL Curriculum Development
TSL 6345 Methods Teaching ESOL
EEX 5053 Foundations in Special Education
EEX 6283 Social, Personal, Career Exceptional Child
or a pre-approved elective

This program does not carry leadership certification endorsement.

Major: Educational Leadership Concentration: Educational Tech Leadership Degree: Master of Education

Core Requirements **(6 credits)**

Select 1 from the following:

EDF 6607 Education in America;
EDF 6687 Multicultural & Urban Found in Ed

Select 1 from the following:

EDF 6480 Foundations in Education Research
EDG 6911 Action Research in Education

Major Requirements **(18 credits)**

EDA 6061	3	Introduction to Ed Leadership
EDA 6191	3	Team Leadership
EDA 6196	3	Leadership/Learning Organizat
EDA 6302	3	Lifelong Learning/Prof Develop
EDG 6285	3	Fundamentals of Program Eval

Select 1 from the following:

EDA 6271 Technology for Educational Leaders
EME 5403 Technology in Education

Major Electives **(15 credits)**

Select 5 from the following list:

EME 6050 Enhance Instructional Technology
EME 6405 Educational Web Design
EME 6409 Interactive Distance Education
EME 6418 Educational Multimedia
EME 6441 Technology for Special Populations
EME 6601 Instructional Design & Application
EME 6628 Education Technology Systems
EME 7415 Education Design Multimedia
EME 6990 Experimental Topics in Education Tech
or an elective selected in consultation with an Educational Technology faculty advisor.

Certificate Programs: The educational leadership program offers a non-degree school leadership certificate to accommodate individuals who have earned a master's and wish additional leadership education. Graduate level credit is awarded for the certificate. The requirements for admission to the certificate program are:

1. Completion of a master's from a regionally accredited institution.
2. Admission to the UNF Graduate School.
3. Completion of an approved program of study,

Individuals seeking admission to a certificate program will meet with a faculty advisor to review their transcript

and select the program electives appropriate to their interest and career goals.

Transformation of Conflict Certificate: The Leadership, Counseling and Instructional Technology department offers a 15-credit graduate certificate in transformation of conflict. Students will take selected graduate classes in foundations and applied conflict transformation as well as course work in educational foundations, counseling and other approved disciplines. It is also available as a cognate in the Doctor of Educational Leadership program and in selected master's degree programs. Consultation with an appropriate faculty advisor is required.

Non-Degree Certification in Educational Leadership: Non-degree studies in educational leadership are intended for individuals seeking professional certification who hold a master's degree and who may seek Florida Educational Leadership Certification. The eight courses encompass the Florida educational leadership core curriculum that is tested on the Florida Educational Leadership Examination. A list of required courses may be obtained from the Office of Academic Advising or from educational leadership program faculty. Individuals should be aware that there are requirements in addition to completed coursework necessary to obtaining Florida certification in educational leadership, including a passing score on the Florida Educational Leadership Examination (FELE).

Doctor of Education in Educational Leadership

Advanced graduate studies support the development of educational leaders with knowledge, vision, and commitment to work for the improvement of education through a variety of leadership roles. The interdisciplinary Doctor of Education in Educational Leadership program draws from a number of departments and other instructional resources of the university and incorporates advanced techniques in individual assessment.

Admission Requirements

Minimum criteria for admission to the program are the following:

- a master's degree earned from a regionally accredited institution;
- three years of successful teaching, administration or related work in training and development;
- demonstrated leadership or leadership potential;
- demonstrated academic ability and potential to complete the course work and a dissertation successfully;
- successful interview with and recommendation of the Doctoral Admissions Committee.

Applicants will be asked to submit transcripts of previous college work, writing samples and acceptable scores on the GRE. International applicants must also submit a TOEFL score if they do not hold an academic degree from an English-speaking institution.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

Program of Study

The program consists of course work in interdisciplinary foundations, leadership, research methodologies, a cognate (or minor) area, a written and oral comprehensive exam, and completion of a dissertation. Students will register for a minimum of six credit hours each semester (fall, spring, and summer) and will complete the majority of their course work along with a student cohort group. Each student will select a minimum of 12 credits of study in a cognate area. With prior approval, students may complete all or part of their cognate area studies at another regionally accredited institution offering relevant doctoral-level course work.

A planned program consists of a minimum of 76 graduate credits while enrolled in a doctoral program. Students may use no more than 24 hours of dissertation credits to satisfy the 76 credit hour minimum. Students may transfer graduate credit hours into their doctoral program of study provided the hours have not been included in a degree awarded by UNF or another institution. Graduate credit hours transferred into the doctoral program must have been completed no more than five years prior to the semester in which the student is admitted to the program, must have been completed at a regionally accredited institution that offers post-master's degree programs and must be approved by the doctoral program director. All courses taken outside of the student's major area of study must be at or above the 6000 level. Students should expect to maintain continuous enrollment until they complete their degrees. Exceptions to this policy are subject to approval as described in the doctoral program policies and procedures (available from the Department of Leadership, Counseling and Instructional Technology).

Upon completion of course work the student must pass a written and oral comprehensive examination in order to be admitted to candidacy for the doctoral degree. The student is admitted to candidacy upon recommendation of the dissertation committee.

Once admitted to candidacy, doctoral candidates must register for at least three hours of dissertation credit each term and be registered at UNF until all requirements for the degree are completed. A minimum of 24 credits are required. The dissertation will be a practice-centered inquiry that attests to the student's understanding of the field and ability to conduct scholarly inquiry about an issue related to the improvement of educational

practice. Research conducted in partnership with schools and school districts will be encouraged. Each student will complete a final oral examination in order to defend the research conducted and to demonstrate the ability to use critical thought and judgment.

Major: Educational Leadership
Degree: Doctor of Education

Major Requirements (76 credits)

Core 18 Hours to Include:

EDA 7190	The Evolving Idea of the Ed Leader
EDA 7192	Leadership: The Group/Team Context
EDA 7193	Leadership Change
EDA 7194	Seminar in Educational Policy
EDA 7262	Organizational Theory & Design
EDA 7945	Practicum: Leadership Assess & Dev

Research 13 Hours to Include:

EDA 7420	Foundations of Research in Ed Lead
EDA 7400	Research in Ed Lead: Quantitative Methods
EDA 7410	Research in Ed Lead: Qualitative Methods
EDA 7421	Inquiry into Research in Ed Leadership
EDA 7979	Research Seminar in Ed Leadership

Foundation 9 Hours to Include:

EDF 7215	Psycho-Social Aspects of Learning & Inst
EDF 7545	Philosophy of Education
EDF 7635	Cultural & Social Foundations of Edu

Cognate Minimum of 12 Hours

12 hours must be approved by Program Advisor

Research Hours for Dissertation

Minimum 24 hours required of EDA 7980 Doctoral Dissertation Research

Additional Information: More specific information concerning the doctoral program is available through the Doctoral Program, Department of Leadership, Counseling and Instructional Technology. Phone: (904) 620-2990.

The Master of Education Degree Program

For a major in the Departments of Childhood Education & Foundations and Secondary Education, graduate students are required to complete a minimum of 36 credits. Master of education programs are available in elementary, secondary, middle school, adult and K-12 certification areas.

"Advanced study" options are available for students who wish to pursue in-depth study in a particular interest area and do not lead to initial teacher certification. The number of credits needed for advanced study options depends on the certification requirements of a given area and the student's prior education. Some advanced study programs may exceed 36 credits.

Except where noted, all credits are to be earned at the graduate level. Students are reminded that course validation requires a demonstration of current knowledge of all the course's goals and objectives. Initial certification is limited to specific approved programs and may require significantly more credits in order to fulfill licensure and accreditation requirements.

Within each major, one or more concentrations exist that enable students to design a strong professional program of study tailored to the candidate's specific goals. Advanced study concentrations exist to provide optimal individualization while ensuring a solid academic base to all programs. Majors, which lead to the addition of licensed areas of instruction to an existing certificate, may have little opportunity for program customization due to regulations of the Florida Board of Education.

Master of Education Degree Majors and Concentrations

- Elementary Education
  - Professional Education
  - Literacy (K-12) "add-on" Certification
  - Instructional Technology
  - Advanced Study
  - Teaching English as a Second Language
- Secondary Education
  - Professional Education
  - Instructional Technology
  - Adult Learning
  - Teaching English as a Second Language

Department of Childhood Education Graduate Faculty

Ronghua Ouyang, Ph.D., Professor & Chair
Wanda B. Hedrick, Ph.D., Professor
Janet E. Bosnick, Ph.D., Associate Professor
Candice Carter, Ph.D., Associate Professor
Nile V. Stanley, Ph.D., Associate Professor
Jacqueline J. Batey, Ph.D., Assistant Professor
Katrina Hall, Ph.D., Assistant Professor
Christine Weber, Ph.D., Assistant Professor
Lunetta Williams, Ph.D., Assistant Professor

Master of Education in Elementary Education

The mission of the department is to assist learners in developing personal and professional competencies needed for successful instruction in today's public schools. This goal is achieved through programs emphasizing individually meaningful instruction, the use

of innovative materials, and the application of theoretical concepts in laboratory and clinical experiences.

The department offers a wide array of graduate studies for teachers and other educational professionals. In meeting those diverse needs, the division offers four categories of studies at the graduate level.

Category I - Master's Degree Programs for Teachers with Professional Certificates

Programs for certificated teachers who desire to extend their professional skills and knowledge leading to the awarding of a master of education degree are the primary means for pursuing graduate study within the department. The central mission of these programs is to extend and enhance the instructional expertise of the professional teacher. These programs make provisions for "add-on"
endorsements to the initial teaching certificate and expand the teacher's licensed areas of instruction.

Category II - Master's Degree Programs for Uncertified Post-baccalaureate Students

These programs are for graduate students who do not hold professional teaching certificates but who wish to obtain a master's degree suitable to preparing them for careers in education. Candidates wishing to be certified who currently have no teaching credentials or who hold provisional, temporary, or emergency certificates may pursue the degree program in elementary education - initial certification concentration. This degree program allows the student to earn a master's degree while simultaneously completing a state-approved program for certification as a teacher.

Category III - Non-degree Studies that Lead to Certification

These studies are highly individualized course-by-course sequences that approximate the minimal standards required for certification through the Florida Department of Education. A baccalaureate is required to pursue course-by-course certification. All undergraduate requirements for admission apply to qualify as an active "teacher certification only" (TCO) candidate. Course-by-course certification can be achieved for both initial certification and add-on endorsements to a current valid teaching certificate. Because course-by-course certification is determined by current state requirements and not as a result of successful completion of the department's state-approved teacher preparation program, actual requirements can and do change frequently. The COEHS Office of Academic Advising, (904) 620-2530, has current information regarding certification requirements.

Major: Elementary Education
Concentration: Professional Education
Degree: Master of Education

Core Requirements (6 credits)

EDF 6480 3 Foundations of Ed Research
EDF 6607 3 Education In America

Major Requirements (15 credits)

EDE 6225 3 The Element School Curriculum
Select 4 courses from the following:
EDG 6325 General Education Competencies
EDG 6336 Improvement of Instruction
MHS 6407 Theories of Counseling
EDG 6380 Pre-Serv Teacher Supervision
EDF 5608 Sociological Basis of Education
EDF 6442 Assessment in the Curriculum
EDG 5935 Seminar Studies in Education

Major Electives (9 credits)

Select 3 courses.
Content Specialization: Content must satisfy initial certification requirement plus three of the following courses:
Select 3 courses for 9 hours
LAE 6415 Review: Writing for Children
RED 6546 Diagnosis Reading Disability
RED 6548 Remediation Reading Disability
EEC 6611 Primary Education
EEC 6205 Curriculum/Instruction Primary Edu
EEC 6944 Practicum in Primary Education
EME 5403 Technology in Education
EME 6418 Education Multimedia
LAE 6319 Language Arts Elementary Teacher
SCE 6117 Elementary Teacher Science
SSE 6318 Social Study Methods: Elementary
MAE 6318 Elementary Teacher Math

Culminating Experience (6 credits)

Choose one of the following options:
Option 1:
EDG 6923 Curriculum Readings and
1 Elective (must be approved by program sponsor)
Option 2:
EDE 6940 Professional Lab Experience and
EDE 6910 Directed Individual Study/Research
Option 3:
EDE 6940 Professional Lab Experience and
EDF 6971 Research Master Thesis

Major: Elementary Education
Concentration: Literacy
Degree: Master of Education

Core Requirements (6 credits)

EDF 6480 3 Foundations of Ed Research
EDF 6607 3 Education In America

Major Requirements (30 credits)

LAE 6415 Crit Review of Writ For Child
RED 5846 1-3 Practicum in Reading
RED 6000 3 Lang and Cognit Found for Read
RED 6546 3 Diagnosis Reading Disabilities
RED 6548 3 Remediation Read Disabilities
RED 6656 3 Adv Foundations of Reading

Select 1 from the following:

EDE 6225 Elementary School Curriculum
ESE 6215 Secondary School Curriculum

Select 1 from the following:

LAE 6319 Language Arts Elementary Teacher
LAE 6339 Special Methods: English

Select 1 from the following:

RED 3333 Reading Methods I: Secondary
EDF 6442 Assessment in the Curriculum

Culminating Experience (3 credits)

RED 6395 3 Adv Read Assess/Prog Implement

Major: Elementary Education Concentration: Teaching English as 2nd Lang Degree: Master of Education

Core Requirements (6 credits)

EDF 6480 3 Foundations of Ed Research
EDF 6607 3 Education In America

Major Requirements (24 credits)

EDE 6225 3 The Element School Curriculum
EDG 6325 3 Gen Ed Comp:Models of Teach
TSL 6345 3 ESOL Methods
TSL 6525 3 Cross Culture Comm/Knowledge
TSL 6440 3 Assessment In ESOL Settings
TSL 6142 3 ESOL: Curriculum Development
TSL 6350 3 Grammar For Teachers of ESOL
LIN 5743 3 ESOL Applied Linguistics

Culminating Experience (6 credits)

Choose 1 of the following options:

Option 1:

TSL 6940 TESOL Practicum and
EDE 6910 Directed Individual Study/Research

Option 2:

EDE 6940 Professional Lab Experience and
EDF 6971 Research Master's Thesis

Option 3:

EDG 6923 Curriculum Readings and
1 Elective (In consultation with program sponsor)

Major: Elementary Education Concentration: Advanced Study Degree: Master of Education

Core Requirements (6 credits)

EDF 6480 3 Foundations of Ed Research
EDF 6607 3 Education in America

Major Requirements (15 credits)

EDE 6225 3 The Element School Curriculum
EDF 6442 3 Assessment in the Curriculum
EDG 6325 3 Gen Ed Comp: Models of Teach
EDG 6336 3 Improvement of Instruction
EDG 6625 3 Curriculum Leadership Schools

Major Electives (9 credits)

EDF 6905 1-3 Research: Studies in Education

Select 2 Content Courses from the following prefixes:

EDE/EDF/EDG/EEC/EGC/EME/LAE/MAE/RED/SCE/SSE

Culminating Experience (6 credits)

Choose 1 of the following options:

Option 1:

EDG 6923 Curriculum Readings and
1 Elective (must be approved by program sponsor)

Option 2:

EDE 6940 Professional Lab Experience and
EDE 6910 Directed Individual Study/Research

Option 3:

EDE 6940 Professional Lab Experience and
EDF 6971 Research Master Thesis

Major: Elementary Education Concentration: Instructional Technology Degree: Master of Education

Core Requirements (6 credits)

EDF 6480 3 Foundations of Ed Research
EDF 6607 3 Education in America

Major Requirements (24 credits)

EDE 6225 3 The Element School Curriculum
EDG 6325 3 Gen Ed Comp: Models of Teach
EME 5403 3 Technology in Education
EDG 6434 3 Enhancing Instr with Technolog
EME 7415 3 Ed Design for Digital Media
EME 6628 3 Educational Technology Systems

Choose 1 of the following:

EME 6405 Educational Web Design; or
EME 6418 Educational Multimedia

Elective

Select 1 from the following prefixes:

EME/EDG/EDF/EDE/EDA/EEC/ESE/EEX/MHS/SDS

Culminating Experience (6 credits)

Choose 1 of the following options:

Option 1:

EDG 6923 Curriculum Readings and
One Elective *(must be approved by program sponsor)*

Option 2:

EDE 6940 Professional Lab Experience and
EDE 6910 Directed Individual Study/Research

Option 3:

EDE 6940 Professional Lab Experience and
EDF 6971 Research Master Thesis

Major: Elementary Education
Concentration: Elementary (1-6) Initial Cert
Degree: Master of Education

Prerequisites (19 credits)
Field Lab I and II require, by state law, students to pass a fingerprinting and background check prior to placement. They also require five hours/week for 10 weeks in the school system.

EDF 3151	3	Nature of The Learner
EDF 3945	2-4	Field Laboratory I
EDF 3946	2-4	Field Laboratory II
EDF 6442	3	Assessment in the Curriculum
EDG 4410	3	Classroom Management Commun
EDG 6250	3	Instr Strategies in the Curric

Math choose 1 of the following:
at UNF:

MGF 1107	Explorations in Math or
MGF 1113	Math for Teachers I (*preferred*)

at FCCJ:

MGF 1106	Math for Liberal Arts I

Core Requirements (6 credits)

EDF 6480	3	Foundations of Ed Research
EDF 6607	3	Education in America

Major Requirements (54 credits)
Application for fall internship is due the fourth Friday of the previous spring semester. Application for spring internship is due the fourth Friday of previous fall term. ALL courses must be completed prior to Internship. ALL parts of the Florida Teaching Certificate Examination (FTCE) are required for graduation. This includes all four parts of the General Knowledge Exam (GK), the Professional Education Exam (PED) and the Subject Area Exam (SAE) for Elementary K-6.

ARE 4313	3	Art Methods: Elementary Teach
HSC 3301	3	Health/Movmt Edu in Elem Sch
LAE 6319	3	Lang Arts Methods: Elem Teach
LAE 6415	3	Crit Review of Writ for Child
MAE 6318	3	Math for Elementary Teachers
MUE 4210	3	Music Meth for Elemen Teachers
RED 6546	3	Diagnosis Reading Disabilities
RED 6656	3	Adv Foundations of Reading
SCE 6117	3	Science for Elementary Teacher
SSE 6318	3	Social Study Methods: Elem Tchr
TSL 3550	3	Princples & Issues in TESOL
TSL 4340	3	TESOL Methods & Curriculum
EDE 6225	3	The Element School Curriculum
EDG 6923	3	Curriculum Readings
EDE 4943	12	Practicum II: Student Intern

Department of Foundations & Secondary Education

Jeffrey J. Cornett, Ph.D., Professor & Chair
Marianne B. Barnes, Ph.D., Professor
Phillip S. Riner, Ed.D., Professor
Allan N. Sander, Ph.D., Professor
G. Pritchy Smith, Ed.D., Professor
Royal W. VanHorn, Ph.D., Professor
Richard H. Chant, Ed.D., Associate Professor & Program Leader, Middle/Secondary Education
Otilia L. Salmon, Ph.D., Associate Professor
Michael P. Smith, Ed.D., Associate Professor & Program Leader, Foundations
Cassandra G. Etgeton, Ed.D., Assistant Professor
Wanda Lastrapes, Ph.D., Assistant Professor

Master of Education in Secondary Education

The mission of the department is to assist learners in developing personal and professional competencies needed for successful instruction in today's public schools. This goal is achieved through programs emphasizing individually meaningful instruction, the use of innovative materials, and the application of theoretical concepts in laboratory and clinical experiences. The department offers a wide array of graduate studies for teachers and other educational professionals. In meeting those diverse needs, the division offers four categories of studies at the graduate level.

Category I - Master's Degree Programs for Teachers with Professional Certificates

Programs for certificated teachers that extend professional skills and knowledge and lead to the awarding of a master of education degree are the primary means for pursuing graduate study within the department. The central mission of these programs is to extend and enhance the instructional expertise of the professional teacher. These programs make provisions for "add-on" endorsements to the initial teaching certificate and expand the teacher's licensed areas of instruction.

Category II - Master's Degree Programs for Uncertified Post-Baccalaureate Students

These programs are for graduate students who do not hold professional teaching certificates but who wish to obtain a master's degree suitable to preparing them for careers in education. Graduate students who either are or are not currently certified as teachers and who wish to work in educational settings serving adult learners may pursue the degree program in secondary education - adult learning concentration. This program features studies in educational foundations and instructional methodology focused on the adult learner, along with 18 or more graduate credits in a specific content area, providing the graduate training consistent with teaching at the collegiate level.

Category III - Non-degree Studies that Lead to Certification

These studies are highly individualized course-by-course sequences that approximate the minimal standards required for certification through the Florida Department of Education. A baccalaureate degree is required to pursue course-by-course certification. All undergraduate requirements for admission apply to qualify as an active "teacher certification only" (TCO) candidate. Course-by-course certification can be achieved for both initial certification and add-on endorsements to a current valid teaching certificate. Because course-by-course certification is determined by current state requirements and not as a result of successful completion of the department's state approved teacher preparation program, actual requirements can and do change frequently. The COEHS Office of Academic Advising (904) 620-2530 has current information regarding certification requirements.

Category IV - Non-Degree Studies for Professional Enrichment

The college recognizes the on-going need for educational advancement of teachers. Departments provide opportunities for non-degree avenues of study for experienced teachers for certificate renewal as well as post-master's degree study.

Major: Secondary Education
Concentration: Professional Education
Degree: Master of Education

Core Requirements **(6 credits)**

EDF 6480	3	Foundations of Ed Research
EDF 6607	3	Education in America

Major Requirements **(15 credits)**

EDG 6325	3	Gen Ed Comp: Models of Teach
ESE 6215	3	Secondary School Curriculum

Methods

Select 1 methods course that matches your content.
Choose from:

LAE 6339	Special Methods: Secondary English
SCE 6337	Special Methods: Secondary Science
SSE 6385	Special Methods: Secondary Social Stud
MAE 6336	Special Methods: Secondary Math
ARE 4353	Special Methods: Art K-12; or both
MUE 4311	Music Education Elementary School and
MUE 6349	Special Methods: Secondary Music

Select 2 courses from the following:

EDG 6336	Improvement of Instruction
EDF 6442	Assessment in the Curriculum
MHS 6407	Theories of Counseling
EDF 5608	Sociological Bases of Education
EDG 5935	Seminar: Studies in Education
EDG 6380	Supervision of Pre-Service Teachers
EME 5403	Technology in Education
EME 6418	Education Multimedia

Culminating Experience **(6 credits)**

Choose 1 of the following options:
Option 1:

EDG 6923	Curriculum Readings and
1 Elective	(must be approved by program sponsor)

Option 2:

ESE 6947	Professional Lab Experience and
EDG 6906	Individual Study/Research

Option 3:

ESE 6947	Professional Lab Experience and
EDF 6971	Research Master Thesis

Major Electives **(9 credits)**

Elective Select 3 Content Courses
Content Specialization: Content must satisfy initial certification requirements, plus 3 content courses (various credits) selected from Arts and Sciences in consultation with program sponsor.

Major: Secondary Education
Concentration: Instructional Technology
Degree: Master of Education

Core Requirements **(6 credits)**

EDF 6480	3	Foundations of Ed Research
EDF 6607	3	Education in America

Major Requirements **(24 credits)**

ESE 6215	3	Secondary School Curriculum
EDG 6356	3	Gen Ed Comp: Models of Teaching
EME 5403	3	Technology in Education
EDG 6434	3	Enhancing Instr with Technolog
EME 7415	3	Ed Design for Digital Media
EME 6628	3	Educational Technology Systems
EME 6405	3	Educational Web Design
EME 6418	3	Educational Multimedia

Elective

Select 1 Elective from the following prefixes:
EME/EDG/EDF/EDE/EDA/EEC/ESE/EEX/MHS/SDS

Culminating Experience **(6 credits)**

Choose 1 of the following options:
Option 1:

EDG 6923	Curriculum Readings and 1 Elective
	(must be approved by program sponsor)

Option 2:

ESE 6947	Professional Lab Experience and
EDG 6906	Individual Study/Research

Option 3:

ESE 6947	Professional Lab Experience and
EDF 6971	Research Master Thesis

Category II - Master of Education Degree Programs Uncertified Post-Baccalaureate Students

These master's degree programs are designed for students who have a bachelor's degree from a regionally accredited college or university, but who have no formal training or certification as an educator. The two degree programs in this category are designed to prepare students with this background for careers in education. Students accepted in these programs of study must complete the entire course of study and may not request a change of major to a Category I program even if a provisional or temporary teaching certificate is obtained.

Programs for Uncertified Post-Baccalaureate Students:

- Elementary Education
  - Initial Certification (K-6)
- Secondary Education
  - Adult Learning

Major: Secondary Education Concentration: Adult Learning Degree: Master of Education

Major Requirements (21 credits)

EDA 6302	3	Lifelong Learning/Prof Develop
EDF 6211	3	Advanced Ed'l Psychology
EDF 6480	3	Foundations of Ed Research
EDG 6250	3	Instr Strategies in the Curric
EME 6601	3	Instruct Design/Applications
EDG 6626	3	Curr/Instr for Adult Learning

Select 1 methods course that matches content area. Choose from the following:

MAE 6336	Special Methods: Math
FLE 6665	Current Trends for Language
LAE 6339	Special Methods: English
SCE 6337	Special Methods: Science
SSE 6385	Special Methods: Social Studies

Major Electives (18 credits)

18 graduate credits approved by collaborating academic department, focusing on student need and appropriate graduate academic content knowledge for lower division teaching. NO undergraduate credits may be applied to content specialty or adult pedagogy (andragogy) components of the degree. Students must meet all admission standards and prerequisites of the collaborating COAS graduate program prior to enrolling in that program's graduate courses.

Math	Select 6 Graduate Courses
Soc .Sci.	Select 6 Graduate Courses
English	Select 6 Graduate Courses
Science	Select 6 Graduate Courses
Language	Select 6 Graduate Courses
TESOL	Select 6 Graduate Courses
Technology	Select 6 Graduate Courses

Major: Secondary Education Concentration: Teaching English as 2nd Lang Degree: Master of Education

Core Requirements (6 credits)

EDF 6480	3	Foundations of Ed Research
EDF 6607	3	Education in America

Major Requirements (24 credits)

EDG 6325	3	Gen Ed Comp: Models of Teach
ESE 6215	3	Secondary School Curriculum
LIN 5743	3	ESOL Applied Linguistics
TSL 6142	3	ESOL: Curriculum Development
TSL 6345	3	ESOL Methods
TSL 6350	3	Grammar For Teachers of ESOL
TSL 6440	3	Assessment in ESOL Settings
TSL 6525	3	Cross Culture Comm/Knowledge

Culminating Experience (6 credits)

Choose 1 of the following options:

Option 1:

TSL 6940	TESOL Practicum and
EDE 6910	Directed Individual Study/Research

Option 2:

EDE 6940	Professional Lab Experience and
EDF 6971	Research Master's Thesis

Option 3:

EDG 6923 Curriculum Readings and
1 Elective (in consultation with program sponsor)

Category III - Non-Degree Studies Leading to Certification Through a "Course-by-Course" Process

"Course-by-course" study is for prospective teachers who have a bachelor's degree from an accredited college or university and desire to earn a teaching certificate. These students are classified within the college as "Teacher Certification Only" (TCO). These programs of study are based on current state requirements and do not lead to any degree from the Department. Requirements for certification are based on a course-by-course evaluation of the state certification requirements and the student's current transcripts. Students admitted to pursue this course of study must meet the same admission standards as undergraduate students including a minimum cumulative GPA of 2.5 and passing of all parts of the CLAST exam. (See undergraduate catalog.) Students should see an academic advisor for complete admission requirements and assistance in planning a sequence of studies. It is important for the student to understand that teacher certification is granted by the Florida Department of Education and not from the department or from the University of North Florida.

Category IV - Non-Degree Professional Development and Enrichment

The college provides avenues for teachers to advance their instructional knowledge and skills without enrolling in

degree programs. These opportunities are highly variable and can be customized in a variety of ways. Individuals may enroll in courses of interest or an entire school staff may request a specific course by an instructor who is sent to the school site for weekly instruction. Grants and contracts activity often allows offering of classes at reduced tuition in order to promote study in high need areas. Collaborative arrangements with school districts can result in university academic and leadership support for school initiatives where academic credit can be earned for certificate renewal. Inquire for current possibilities by contacting the Office of Academic Advising in the College of Education and Human Services.

Department of Exceptional Student & Deaf Education Special Education Program

Len Roberson, Ph.D., Associate Professor, Chair & Program Leader, Deaf Education
Gerard R. Giordano, Ph.D., Professor
Donald F. Moores, Ph.D., Professor
Thomas S. Serwatka, Ph.D., Professor & Vice President
John J. Venn, Ph.D., Professor
Clement J. Van Nagel, Ph.D., Professor
Marsha H. Lupi, Ed.D., Associate Professor & Associate Dean
Sherry L. Shaw, Ph.D., Associate Professor
Kristine Webb, Ph.D., Associate Professor & Disability Resource Center Director
Sharian L. Deering, Ph.D., Assistant Professor
Karen B. Patterson, Ph.D., Assistant Professor & Program Leader, ESE
Susan Syverud, Ph.D., Assistant Professor

Master of Education in Special Education

The graduate program in special education prepares graduate students to assume positions as professional practitioners who work with exceptional individuals. The majority of these practitioners become teachers in self-contained classes or resource rooms, while others serve in positions such as consulting teacher and parent-infant specialist. Practitioners may serve individuals with special needs ranging in age from preschool through adulthood. Additionally they may work with the families of individuals with special needs.

The graduate special education program offers three concentrations. The first concentration in exceptional student education is for students working toward initial state certification in special education. The second concentration is for students who have completed undergraduate studies in special education and who wish to pursue advanced study in deaf education. The third option is a concentration in disability services designed for students interested in serving individuals with disabilities in general education classes or non-educational settings.

Majors in special education consist of a minimum of 36 credits of advanced study. An individually designed program of study for each student is developed by the student, his or her program sponsor, and a college advisor.

Admission into the special education graduate program requires a score of 1000 on the Graduate Record Examination or a 3.0 GPA for the last two-years of undergraduate study. The program makes special provisions for admitting students with disabilities. Admission also requires the submission of three letters of recommendation.

Note: All applications, transcripts, test scores, and supporting documents must be sent directly to The Graduate School, University of North Florida, 1 UNF Drive, Jacksonville, FL 32224.

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.

Special Education Concentrations

Certification programs in special education prepare teachers at the graduate level to teach in programs for students with hearing impairments or varying exceptionalities. Each program consists of a minimum of 36 credits of advanced study in one of the above-listed areas of certification.

Major: Special Education
Concentration: Deaf Education (K-12)
Degree: Master of Education

Prerequisites		**(48 Credits)**
EHD 4245	3	Language Development/Deaf
SPA 4605	3	American Sign Language IV
EDG 4327	3	Assessment of Language & Behav
EDF 3151	3	Nature of the Learner
EHD 4311	3	Psych & Education of the Deaf
EHD 4261	3	Audiology & Speech Science
EDF 3945	2-4	Field Lab-I
EEX 3202	3	Psyc & Socio Excptl Learners
EEX 4604	3	Ed Mgmt: Exceptional Student

EEX 4101	2-3	Language Develop & Disorders
EEX 4281	3	Soc, Per, Car Skills: Learners Except
EEX 3251	3	Dev Skills/Math Spec Ed Problems
EHD 4940	2	Deaf Education Field Practicum
TSL 3550	3	Princple & Issues in TESOL
EEX 4255	3	Curr/Instr: Learners with Except
EEX 3250	3	Read Methods: Learners Except
EEX 3252	3	Lang Arts: Exceptional Learners

Core Requirements (18 Credits)

EDF 6480	3	Foundations of Ed Research
EDF 6607	3	Education in America
EEX 6025	3	Issues/Trends Special Ed
EEX 6841	3-9	Practicum in Special Education

Major Requirements (19 credits)

ASL 6215	3	Adv ASL Conversation Skills
ASL 6415	3	Sign Communication Classroom
EHD 5341	3	Curriculum/Instruct for Deaf
EHD 6241	3	Lang Instr: Deaf/Hard of Hear
EHD 6242	3	Teach Spch/Hearing Impaired Child
EHD 6281	1	Teaching Speech Practicum
EHD 6343	3	Read Instr: Deaf/Hard of Hearing

Major: Special Education
Concentration: Exceptional Student Education
Degree: Master of Education

Prerequisites (32 credits)

EDF 6211	3	Advanced Ed'l Psychology
EDF 6442	3	Assessment in the Curriculum
EDG 6250	3	Instr Strategies in the Curric
EEX 3250	3	Read Methods:Learners Exception
EEX 3251	3	Develop Skills/Math Problems
EEX 4101	2-3	Language Development/Disorders
EEX 5053	3	Foundations of Special Ed
EEX 6225	3	Competencies: Lab in Evaluation
EEX 6256	3	Language for Learning Impaired
EEX 6283	3	Soc, Per, Car Skills: Except Stud
RED 3310	3	Reading Method Elem Teachers

Core Requirements (22 credits)

Clinical Requirements

Field I & II & Internship

Two years teaching experience is required or students MUST complete clinical requirements, which include the following:

EDF 3945 Field Lab I, EDF 3946 Field Lab II, and EEX 6841 Practicum: Special Education.

Field Lab I & II and Internship, by state law, require all students be cleared for fingerprinting and background checking prior to placement. Field Lab I & II require five hours/week for 10 weeks in school system. Internship is the very last semester. ALL coursework must be completed before internship. ALL parts of the Florida Teaching Certificate Exam (FTCE) are required for graduation. This includes all parts of the General Knowledge (GK), the Professional Education (PED), and the Subject Area Exam (SAE) for Exceptional Student Education K-12.

EDF 6480	3	Foundations of Ed Research
EDF 6607	3	Education in America
EEX 6025	3	Issues/Trends Special Ed

Major Requirements (21 credits)

EEX 6052	3	Nature,Needs,Curriculum: Ve
EEX 6234	3	Teaching Mod/Severe Disability
EEX 6259	3	Literacy Strat Mild Disability
EEX 6402	3	Comm, Coll, Consult Spec Ed
EEX 6625	3	Ed Mgmt: Exceptional Student
TSL 3550	3	Princples & Issues in TESOL
TSL 4340	3	TESOL Methods & Curriculum

Disability Services Concentration

The disability services concentration in special education is available for professionals who serve individuals with disabilities in general education and in settings other than schools. This course of study allows individuals to pursue graduate study in special education and in various cognate areas in education but does not lead to teacher certification. The program of study consists of a minimum of 36 credits and is individually designed.

Major: Special Education
Concentration: Disability Services
Degree: Master of Education

Core Requirements (6 credits)

EDF 6480	3	Foundations of Ed Research
EDF 6607	3	Education in America

Major Requirements (12 credits)

EEX 5053	3	Foundations of Special Ed
EEX 6025	3	Issues/Trends Special Ed
EEX 6301	1-3	Research in Special Education
EEX 6402	3	Comm, Collab, Consult: Spec Ed

Major Electives (18 credits)

Electives

Select 6 Graduate Courses a minimum of 18 credit hours(5000-6000 Level) to be selected by the student in consultation with the program sponsor. Some possible choices of prefixes include:

EED/EEX/EGI/EHD/ELD/EMR/SPA/EDG/EDF/EME/TSL/SDS/MHS/EDA

College of Education & Human Services Course Descriptions

CHILDHOOD EDUCATION

EDE 6225-The Elementary School Curriculum 3

Basic concepts of curriculum development and evaluation applied to the elementary program.

EDE 6910-Directed Individual Study & Research v. 1-3

Prerequisite: Consent of instructor and division chairperson. Pursuit of individual investigation of specific topic or field problem with faculty guidance. May be repeated up to 24 credits.

EDE 6940-Professional Lab Experiences v. 1-6

Prerequisites: Completion of 21 graduate program hours, EDF 6480 and EDE 6225. Competencies in measurement, evaluation and curriculum are necessary for completion of this culminating experience. Application of theories, techniques and methods for improving teaching in real and/or simulated situations.

EDG 6455-Storytelling 3

An investigation of storytelling and its role in educational settings. Develops resources and means for enhancing collective and personalized learning.

EEC 6205-Curriculm & Instruction in Primary Ed 3

Classroom organization and teaching strategies for teachers of primary-aged children.

EEC 6611-Primary Education 3

Theoretical bases and resultant trends in the developmental programs for primary aged children.

EEC 6944-Practicum in Primary Education 3

Prerequisite or corequisite: EEC 6611, EEC 6205. Observation and interpretation of classrooms for primary aged children. The student will select special topics related to effective practices for teachers of young children.

LAE 6315-Teaching Writing K-6 3

Prerequisite: Undergraduate degree. This course is designed to facilitate the acquisition of skills in teaching writing, grades K-6. Students will assess factors contributing to elementary pupils' success in learning to write, via their own research and by experiencing and reflecting on stages of the writing process.

LAE 6319-Language Arts Methods for Elem. Teachers 3

The language arts in the elementary curriculum. Methods for integrating communication skills development across the curriculum are emphasized.

LAE 6338-Teaching Writing 6-12 3

Prerequisite: Undergraduate degree. This course is designed to facilitate the acquisition of skills in teaching writing, grades 6-12. Students will assess factors contributing to secondary pupils' success in learning to write, via their own research and by experiencing and reflecting on stages of the writing process.

LAE 6415-A Critical Review of Writing for Children 3

An analysis of children's literature and its place in the elementary program.

MAE 6317-Teaching Elem. Math Using Technology 3

Prerequisite: Completion of specialization requirements for elementary education. The course focus is on the integration of technological tools to the teaching of mathematics at the elementary level. The purpose of the course is to provide ways to infuse mathematics across the curriculum using a problem solving approach and technological delivery system.

MAE 6318-Mathematics for Elementary Teachers 3

An extension of competencies in mathematics instruction in the elementary grades.

PAX 6940-Practicum in Conflict Transformation 3

Prerequisites: EDG 6403, EDA 6935. In consonance with the mission of the University of North Florida, this course will be focused on community-based learning in one or more contexts. Learning will occur through experiential and reflective engagement. Students will work on the peaceful transformation of conflict in an approved situation that augments their learning and skill development. Students will demonstrate professionalism while they provide service in the advancement of peaceful conflict transformation. With faculty approval, a student may repeat this course once, for a total of six semester units.

RED 6000-Language & Cognitive Foundations for Reading 3

In consonance with the School of Education conceptual framework this course will be focused on the acquisition of knowledge skills, and dispositions for the successful teaching/learning of reading in the classroom. This course is an advanced analysis of English language structure as it relates to literacy development, language development in native language and English as a second language, theories of language, research in language development, and the issues and experience important to language development as the foundation of reading.

RED 6347-Reading as Communication in Whole Language Classrooms 3

Reading as communication is viewed as a part of a continuum of literacy learning processes involving listening, speaking, writing, reading and thinking. Teachers are encouraged to become professional decision makers who create learning environments which encourage risk taking and value learning processes as highly as literacy encounter products.

RED 6395-Advanced Reading Assessment/Implementation of Reading Programs 3

This course will focus upon the administration and interpretation of instructional assessments with instructional strategies and materials based upon scientifically-based reading research for the prevention and remediation of reading difficulties. Students will be taught knowledge and skills to implement school reading programs based upon evaluations using a variety of assessments measuring student achievement, teacher effectiveness, and scientifically-based reading research. Specifically, students will learn how to select research-supported reading materials and strategies designed to impact student achievement. They will learn techniques and procedures for maintaining assessment-driven classroom and school-wide reading programs.

RED 6546-Diagnosis of Reading Disabilities 3

Prerequisite: RED 3310 or equivalent and reading teaching experience. Study of reading as a language process; diagnosis of reading strengths and weaknesses based on measurement and evaluation instruments, resulting in the preparation of a complete diagnostic evaluation.

RED 6548-Remediation of Reading Disabilities 3

Prerequisite: RED 6546. Use of miscue analysis to investigate qualitative and quantitative diagnostic information and sources of activities for reading instruction, diagnosis, prescription, and formative evaluation.

RED 6656-Advanced Foundations of Reading 3

Presents reading as a language process; also presents models, materials, and skill development used in reading instruction; explores reading instruction in terms of historical perspective, trends, innovation, and technology.

RED 6906-Directed Individual Study v. 1-3

Prerequisites: RED 6656, graduate reading emphasis major and division approval. Individually directed study of topics related to reading instruction. May be repeated for credit.

SCE 6117-Science for Elementary Teachers 3

Advanced study of content, resources and processes used in science programs in the elementary school.

SSE 6318-Social Studies Methods for Elem. Teachers 3

An examination and assessment of current emphases and strategies for social studies instruction in the elementary program.

TSL 6142-ESOL: Curriculum Development 3

A review of theories, principles, research, and instructional practices related to first and second language acquisition. Instruction of Limited English Proficient students will be emphasized and issues of curriculum development and evaluation will be applied to development and modification of curriculum materials.

TSL 6345-Methods of Teaching, ESOL/Bilingual Settings 3

Prerequisite: Teaching certificate or admission to the COEHS. This course is an examination of issues and methods for teaching English as a second language in grades K-12 and adult education programs. Techniques and strategies for teaching the communication skills of listening, speaking, reading, and writing will be emphasized.

TSL 6350-Grammar for Teachers of ESOL 3

This is an advanced course that addresses the facets of English grammar that influence the language development of second language learners. Emphasis is placed on examination of traditional concepts of language, understanding of research on grammar development and exploration of the relationships among language learning, grammar development and effective teaching strategies.

TSL 6440-Assessment in ESOL Settings 3

Prerequisite: Teaching certificate or admission to the COEHS. This course is designed for teachers working in settings serving students whose native language is not English. Assessment issues involving placement, diagnosis evaluation, use of traditional assessment instruments and procedures, and use of alternative assessment methods will be explored.

TSL 6525-Cross-Cultural Communication & Knowledge 3

This course is a study of multicultural issues for ESOL teachers. Emphasis is on developing cultural awareness, applying cross-cultural knowledge to classroom management and instruction, understanding sociocultural influences on identity development, and understanding values, beliefs, customs, lifestyles, and non-verbal communication of non-native and dialect speakers of English.

TSL 6940-TESOL Practicum 3

This course is designed to provide students with ESOL teaching experiences in mainstream and/or self-contained ESOL classrooms. This advanced course will require students to apply ESOL methodologies, strategies, and competencies in a school setting.

EDUCATION & HUMAN SERVICES

MUE 5945-Graduate Internship in the Elem. School 9

Prerequisite: As prescribed on the student teaching application form: Bachelor's Degree. This course is a graduate internship experience which is organized around eight major objectives and the state of Florida's professional skills. Students must complete the requirements prescribed on the student's intern application form. This course is designed as a graduate level culminating experience in the student's major field of music and provides the student with an opportunity to practice skills under careful observation and in cooperation with a master teacher.

MUE 6946-Graduate Internship in the Secondary School 9

Prerequisite: As prescribed on the student teaching application form: Bachelor's Degree. This course is a graduate internship experience which is organized around eight major objectives and the State of Florida's professional skills. Students must complete the requirements prescribed on the student's intern application form. This course is designed as a graduate level culminating experience in the student's major field of music and provides the student with an opportunity to practice skills under the careful observation and in cooperation with a master teacher.

EXCEPTIONAL STUDENT & DEAF EDUCATION

ASL 6215-Advanced American Sign Language Conversational Skills 3

Prerequisites: SPA 6625 and SPA 4615. Advanced Conversation Skills in ASL is designed to continue development of conversational skills in American Sign Language. Students will use the vocabulary and the skills that they learned in ASL-IV as support to communicate with Deaf and to refine the grammatical and linguistic structure of ASL. This course is also a preparatory course for internship the following semester. The content of the course will focus on two parts: conversation with Deaf and culture of the Deaf. The course requires a mandatory field experience at the Florida School for the Deaf and Blind. Course may be repeated for credit.

ASL 6415-Sign Communication for the Classroom 3

Prerequisite: SPA 4615. This course focuses on the educational application of the principles of sign communication within the framework of a total communication philosophy. Procedures and strategies for effective communication in the educational setting are discussed. Feedback on communicative effectiveness is provided. Field experience required.

EBD 6015-Nature and Needs of Learners with Emotional Handicaps 3

Prerequisite: EEX 3202. This course addresses the etiology, characteristics, and educational needs of learners who are emotionally handicapped or seriously emotionally disturbed. Attention is given to prevention, intervention models, and available community resources. Field experience is required.

EBD 6221-Behavior Management of Learners with Emotional Handicaps 3

Prerequisites: EEX 3202 and EEX 4604. This course addresses behavior management techniques designed for students with emotional handicaps. The emphasis is on the application of theories, prevention, crisis intervention, legal considerations, and counseling skills. Field experience is required.

EBD 6235-Curriculum for Students with Emotional Handicaps 3

Prerequisite: EBD 3011. Curriculum, methods and media appropriate for students with emotional handicaps. Academic and social skills curricula will be addressed.

EBD 6242-Advanced Strategies: Emotionally Handicapped 3

Prerequisite: EEX 3202. This course examines appropriate academic and prosocial strategies for teaching students with emotional handicaps, including motivational strategies, data-based management, and the implementation of Individual Education Plans (IEPs). Field experience is required.

EEX 5053-Foundations of Special Education 3

In consonance with the conceptual framework of the COEHS, this course will be focused on the acquisition of knowledge and skills for advanced study in the psychology and sociology of exceptional learners. The course examines exceptional learners in terms of cognitive, affective and psychomotor characteristics and their functioning within families, schools and society.

EEX 6025-Issues and Trends in Special Education 3

Prerequisites: EEX 3202, EEX 4604, EEX 5053. This course is designed for advanced special education majors and allows for an in-depth study of specific controversial topics concerning exceptional students.

EEX 6052-Nature, Needs & Curriculum: Students with Varying Exceptionalities 3

Prerequisite: EEX 3202. This course addresses the nature and needs of students with emotional handicaps, specific learning disabilities and mental handicaps. Also considered are the development of Individual Education Plans (IEPs) and the adaptation of curriculum and materials to meet the need of these students with varying exceptionalities. Field experience is required.

EEX 6063-Preschool Programs for the Exceptional Child 3

This course is designed to teach the development and implementation of individualized instruction for the preschool handicapped child, birth through five years of age, with emphasis on developmentally appropriate curricula, methods, and techniques.

EEX 6203-Developmental Variations 3

This course addresses comparative child growth and development related to the learning and functioning of exceptional children. Interaction of medical, nutritional, and pharmaceutical interventions is a focus, as well as psycho-educational analysis of learning and development.

EEX 6225-Special Education Generic Competencies: Laboratory in Evaluation 3

An extension of the student's evaluation skills to include attention to specialized tests in specific disability areas. Emphasis will be placed on translating test results into educational practice as well as stressing the skills necessary for evaluating ongoing programs.

EEX 6234-Teaching Students with Moderate and Severe Disabilities 3

Prerequisites: EEX 3202, EEX 5053. This course focuses on instructional assessment and practices for teaching students with moderate and severe disabilities. The course includes a survey of the instructional knowledge-base assessment, curriculum, methods, and procedures along with a series of workshop style training sessions and structured field experiences.

EEX 6239-Preschool Assess. of the Exceptional Child 3

Prerequisite: EEX 6203. This course addresses both the formal and informal assessment of preschool handicapped children, birth through five years of age, with emphasis on developmentally appropriate evaluation materials and techniques. Field experience required.

EEX 6256-Language Arts for the Learning Impaired Student 3

Prerequisite: Certification in one area of special education. Advanced study in the diagnosis and remediation of disabilities of written language, spelling, reading, and handwriting. Course will focus on learning impaired individuals from kindergarten through college. Field experience required.

EEX 6259-Literacy Strategies for Students with Mild Disabilities 3

Prerequisites: EEX 3202, EEX 5053. The course provides specialized instructional strategies for teaching basic literacy skills to students with learning disabilities and other literacy challenges. The focus is on adolescents who have difficulty understanding academic content areas through reading, writing, problem solving and independent studying. Field experience required. A collaborative interaction between general and special education teachers is an integrated theme throughout the course.

EEX 6283-Social, Personal, and Career Skills for Exceptional Students 3

A course on teaching social and personal skills for exceptional students with emphasis on employability skills, career awareness, and transition planning for adult living.

EEX 6301-Research in Special Education v. 1-3

A course designed to allow advanced students to analyze, interpret, and apply research findings in the classroom setting. May be repeated up to 12 credits.

EEX 6402-Communication, Collaboration, and Consultation Skills for Special Education 3

This course will be focused on the acquisition of knowledge and skills in communication, collaboration, and consultation and applying such knowledge and skills to interactions special educators have with general educators, administrators, parents, agency personnel and other stakeholders in the lives of individuals with disabilities. EEX 6402 includes the examination of specific techniques, related media, and experiences designed to equip special education teachers with skills to collaborate with school and community professionals and families to provide a necessary range of services to students.

EEX 6602-Behavior Management of the Maladaptive and Disruptive Child 3

Prerequisite: Basic course in behavior modification. Specialized methods and strategies for dealing with defiant, aggressive, hyperactive, attention disordered and socially maladjusted students. Emphasis will be placed on applying proven research strategies to students with behavior problems.

EEX 6615-Intervention Techniques for Dealing with the Verbally & Physically Aggressive Individual 3

Prerequisite: Basic course in behavior modification. An introduction to methods and techniques for managing children and adults who are verbally and physically aggressive. Special emphasis will be placed on prevention of aggression through verbal intervention techniques.

EEX 6625-Educational Management of Exceptional Students 3

A course on educational management of exceptional students with emphasis on classroom organization, behavior management and consultation skills.

EEX 6732-Facilitation of Parent Interaction 3

A course on families of handicapped students and the relationship between the family and the educational professional. Emphasis is placed on family systems theory, community resources, case management, and transition.

EEX 6841-Practicum in Special Education v. 3-9

Prerequisite: Permission of program faculty. For students using this course for an internship, permission of faculty requires the recommendation of three full time faculty members in the Special Education Program. Supervised field experience in specific disability areas. May be repeated up to 24 credits.

EEX 6911-Indepedent Study and Research v. 1-3

Prerequisite: Permission required. Supervised readings and utilization of current research findings in special education. May be repeated up to 12 credits.

EEX 6926-Advanced Study in Special Curriculum for the Exceptional Student v. 1-3

Prerequisite: Permission of instructor. Practical aspects of teaching offered through workshop format or in-service arrangement. Focus on latest trends in curriculum, methods, and media in special education. May be repeated up to nine credits.

EEX 6936-Seminar: Special Education v. 1-3

A seminar designed for advanced special education students that allows for an in-depth study of specific topics in mental retardation, learning disabilities, and emotional disturbances. May be repeated up to 36 credits.

EGI 6051-Nature & Needs of the Gifted 3

An introduction to the characteristics and unique educational needs of the gifted. Philosophical considerations, historical perspectives, types of giftedness, incidence, identification and evaluation procedures will be explored. Field experience required.

EGI 6231-Curriculum & Programming for the Gifted 3

Prerequisite: EGI 6051 or permission of instructor. A seminar designed to explore curriculum models, adjustments and specific instructional strategies necessary for teaching the gifted. Alternative prototypes and models of program development will be examined. Field experience required.

EGI 6246-Educating Special Populations of the Gifted 3

Prerequisite: EGI 6051. This course focuses on characteristics, assessment, and programmatic considerations for specific populations of gifted students. Underachievers, minority, handicapped, and preschool gifted are included.

EGI 6305-Theory & Development of Creativity 3

A course designed with emphasis on elements of creativity such as fluency, flexibility, originality, and elaboration. Special attention will be given to the development of the participants' resources in this area as well as techniques for unlocking potential of others.

EGI 6415-Counseling for the Education of the Gifted 3

Prerequisite: EGI 6051 or permission of instructor. Specialized techniques to meet the unique guidance and counseling needs of the gifted. Consideration will be given to the following: child study techniques, career education,

parent counseling, underachievement and concomitant handicapping conditions.

EHD 5341-Curriculum & Instruction for the Deaf or Hard of Hearing 3

Prerequisite: EHD 4311 or permission of the instructor. This course provides an analysis of curricula appropriate for students who are deaf or hard of hearing at all educational levels. The development, adaptation, and use of curriculum materials and instructional procedures will be addressed as well as lesson and unit planning. The development and implementation of individual educational plans will also be addressed. Field experience is required.

EHD 6241-Language Instruction for the Deaf or Hard of Hearing 3

This course is a methods course that focuses on the instruction of language arts to students who are deaf or hard of hearing. Field experience required.

EHD 6242-Teaching Speech to the Hearing Impaired Child 3

Theoretical and practical aspects in teaching speech to children with hearing impairments.

EHD 6281-Teaching Speech Practicum 1

Prerequisites: EEX 4101, EHD 4311, EHD 4261, EHD 6241. Corequisite: EHD 6242. This practicum course will provide students in the Deaf Education program opportunity to work with students who are deaf or hard of hearing in developing speech reading and auditory comprehension skills. Field experience is required.

EHD 6343-Reading Instruction for the Deaf or Hard of Hearing 3

Prerequisite: EHD 6241. This course is a methods course that focuses on the instruction of reading to students who are deaf or hard of hearing. Field experience required.

EHD 6361-Math\Science\Social Studies Instruction for the Deaf 3

Prerequisite: EHD 5341. In this course, students will learn about curriculum trends, teaching techniques, and appropriate media for teaching math, science, social studies to students who are deaf or hard of hearing. Students will learn about current curricula in use with these students. Field experience required.

ELD 6015-Foundations of Learning Disabilities 3

Prerequisite: EEX 3202. This course surveys the factors related to the education of students with learning disabilities. Considered are historical developments, causation, research, and theories in specific learning disabilities, including characteristics, classification of students, and appropriate educational services. Field experience is required.

ELD 6141-Advanced Literacy Strategies: Learning Disabilities 3

Prerequisite: EEX 3202. This course provides specialized instructional strategies for teaching basic literacy skills to students with learning disabilities and other literacy challenges. The focus is on adolescents who have difficulty understanding academic content areas through reading, writing, problem solving and independent studying. Field experience is required.

ELD 6236-Curriculum & Programming for the Learning Disabled 3

Prerequisite: ELD 3011. Theoretical and practical aspects of curricula appropriate for students with learning disabilities. Adaptation of curriculum materials and instructional procedures will be addressed.

EMR 6012-Foundations of Mental Retardation 3

Prerequisite: EEX 3202. This course addresses the nature and needs of students who are mentally handicapped. Historical developments, causation, prevention, medical aspects, classification, and appropriate educational services are considered. Field experience is required.

EMR 6256-Advanced Functional Literacy Strategies: Mental Retardation 3

Prerequisite: EEX 3202. This course provides functional literacy strategies for teaching students with mental retardation and other learning challenges which preclude high school graduation with a regular diploma. Attention is given to teaching functional literacy and life skills, developmental programming, implementation and evaluation of individual education plans (IEPs), and data-based management. Field experience is required.

EMR 6335-Curriculum Methods & Materials for Students Who are Mentally Handicapped 3

Prerequisite: EMR 3011 or equivalent. This course covers the specialized curriculum, methods, and materials that teachers use with students who are mentally handicapped. The course includes advanced study of effective practices and recognition of trends and standards in the profession.

INT 5275-Interpreting Process & Skill Development II 3

This is the first in a series of three courses designed to develop a deeper understanding of the interpreting process and the development of advanced competencies in interpretation and transliteration. The course utilizes interactive discussions, small group practice, and hands-on learning activities to further application of interpretation theory. Emphasis is placed on consecutive interpreting on the topics of mental health and medical settings.

INT 5457-Interpreting for Diverse Populations 3

This course will explore interpreting for diverse populations including individuals who are Deaf-Blind, individuals with minimal language skills, individuals with multiple disabilities, and individuals from diverse racial, ethnic, cultural, economic, religious, and social backgrounds. Students will identify the role and function of interpreters when working with these populations and assimilate methods for applying cultural and linguistic competence to a variety of settings. No new faculty or additional resources are required for this course.

INT 5954-Service Learning for Interpreters 2

This course is designed to strengthen the student's ability to acculturate to the rich linguistic and cultural characteristics of the Deaf Community through civic engagement. Students will participate in structured experiential settings that are located

by their investigation of community needs. The course will target three areas of service learning: Deaf Community, Interpreter Community, and Deaf children. Students will design a service-learning project that is responsive to community need and adequately reflected upon through journaling and faculty mentorship. Course can be repeated up to a total of four hours credit.

INT 6206-Interpreter Training 3

Prerequisite: EHD 4311 or equivalent and permission of instructor. Develop knowledge and skill in the role, function and responsibilities of interpreting for deaf people. May be repeated up to six credits.

INT 6276-Advanced Interpreting Process & Skill Development I 3

Prerequisite: INT 5275. This is the second in a series of three courses designed to develop advanced linguistic and bicultural competence in interpretation and transliteration with individuals along the continuum from Signed English to ASL. The course utilizes interactive discussions, small group practice, and hands-on learning activities to further application of interpretation theory. Emphasis is placed on simultaneous interpreting in a variety of settings.

INT 6277-Advanced Interpreting Process & Skill Development II 3

Prerequisite: INT 6276. This is the third in a series of three courses designed to develop a advanced competencies in interpretation and transliteration in highly specialized and complex settings. The course utilizes interactive discussions, small group practice, and hands-on learning activities to further application of interpretation theory. Emphasis is placed on interpreting in legal and other high-risk settings.

INT 6911-Applied Research in Interpretation 3

Prerequisite: EDF 6480. This course introduces students to current research in the field of spoken and signed language interpretation and to conceptualizing research projects in related topic areas of personal interest. Students are initially exposed to human subject review procedures at the university and will undergo the necessary training and certification to proceed with research design. Subsequently, students are mentored through topic investigation, problem identification, research design, literature review, instrument construction, data collection, analysis, manuscript preparation, and dissemination. The goal of the course is to demonstrate to students the process and the value of active research in one's pursuit of excellence as an interpreter.

INT 6932-Special Topics in Interpretation 3

Prerequisite: Consent of instructor. Selected topics will address current needs in interpretation and transliteration studies including interpreting in settings with persons who have minimal language skills, managing vicarious trauma, and interpreting in critical legal settings.

INT 6944-Interpreting Internship 6

Prerequisites: INT 6911, INT 6932, INT 6276, INT 6277, INT 5275, SPA 6619, TSL 6525, INT 5954, INT 5457, EHD 5315. This course is field-based and requires supervised, mentored experiences in the field as an interpreter. Through this internship, students have ongoing opportunities to apply classroom learning and theory with real-world interpreting. The course requires 200 hours of field-based experience.

FOUNDATIONS & SECONDARY EDUCATION

EDF 5608-Sociological Bases of Education 3

A study of the contemporary social forces and their effect on the organization and nature of American education. The function of education in social change and concepts of multicultural education are addressed.

EDF 6211-Advanced Educational Psychology 3

This course is a master's level course for teachers focusing on classroom applications of behavioral and cognitive views of learning, learner development, learner diversity, motivation and effective instruction.

EDF 6442-Assessment in the Curriculum 3

An in-depth study in the application of principles and methods of assessment. Focus on alignment of the curriculum, instructional methods, and evaluation; construction, administration, and interpretation of measurement instruments; research on published standardized tests; and utilization of technology.

EDF 6687-Multicultural & Urban Foundations of Education 3

This course examines theoretical and philosophical approaches to multicultural education; cultural learning and lifestyles; issues of class, race, ethnicity, gender and language; and policy, instruction, and curriculum issues in schools with diverse student populations. Emphasis is placed upon Americans of native, African, Asian, Hispanic and other immigrant origins.

EDF 6905-Research: Studies in Education v. 1-3

Field-centered individual or group investigation of educational problems of an interdepartmental or interdisciplinary nature. May be repeated up to 24 credits.

EDF 6971-Research for Master's Thesis v. 1-6

Prerequisite: Completion of 24 graduate program hours and written permission signed by both the program sponsor and division chairperson. Limited to qualified M.Ed. candidates. A course designed to guide qualified M.Ed. candidates through the steps necessary to complete a master's thesis.

EDG 5935-Seminar: Studies in Education v. 1-3

Study of interdisciplinary or interdepartmental problems which are related to education. May be repeated up to 24 credits.

EDG 6250-Instructional Strategies in the Curriculum 3

This course is a graduate level course designed for in-service educators and post baccalaureates who are working toward state teacher certification in Secondary Education. The course focuses on two areas of the teacher's professional role: Instructional planning and instructional delivery. The course is designed to enable teachers to guide students in their development as whole persons, helping them to learn through direct and varied forms of encounter with the world as a

foundation for clear, rigorous thinking; to bring all the resources of the culture to help them experience meaning, identity, purpose, and responsibility in the whole of life.

EDG 6325-General Education Competencies Models of Teaching 3

Investigation, discussion, and implementation of curriculum models as they apply to current education, including an analysis of their philosophical, historical, and psychological foundations.

EDG 6336-Improvement of Instruction 3

Philosophy, research, theory and practice related to the presentation of organized bodies of knowledge.

EDG 6380-Supervision of Pre-service Teachers 3

The function of the cooperating teacher who supervises pre-service teachers.

EDG 6626-Curriculum & Instruction for Adult Learning 3

Prerequisite: EDA 6302. This is an advanced course that presents the principles of adult learning and instruction. Attention is given to those situations, factors, and methods that may influence how adults learn in a variety of traditional, non-traditional, and multimedia/telecommunication settings. An analysis of several teaching models and instructional approaches for creating learning environments for adults appropriate for community colleges, continuing education, and training and development will be focal element of the course. This will be achieved through study, development, and application of different models of instructional designs for adults learners as well as identifying and evaluating variables related to these models.

EDG 6632-Multicultural Content in School Curriculum 3

Emphasis is upon developing curriculum units that infuse multicultural content in the school curricula for art, music, literature, social studies, science and mathematics. Emphasis is on ancient and modern cultural contributions of African, Asian, Hispanic, Native American and other cultural and ethnic groups.

EDG 6735-Cultural Learning Styles of Minority Students 3

A study of the theory, research, and practice about the cultural learning styles of African American, Hispanic American, Asian American, Native American, Poor Whites and selected other groups. Emphasis is placed upon (1) how culture influences learning and two culturally responsive methods of instruction in culturally diverse classrooms.

EDG 6757-Teaching Linguistically Diverse Students 3

A study of the theories, practices, and methods of constructively using the school students' first language as the basis for mastering standard English. Emphasis is placed upon Black English as a sociolinguistic system, principles of teaching English as a second language to non-native speakers of English, and verbal and nonverbal communication as sources of cultural conflict in the classroom. African American, Hispanic American, Asian America, and other linguistic heritages are included.

EDG 6906-Individual Study and Research v. 0-3

Consent of division chair or specific faculty member required. May be repeated up to 24 credits.

EDG 6923-Curriculum Readings 3

Prerequisite: Culminating experience/chair signature. A culminating master's degree course designed to synthesize the major components of the Curriculum and Instruction graduate program.

ESE 6215-Secondary School Curriculum 3

In-depth reading and discussion of the curriculum organization and operation of the secondary school (grades 6-12).

ESE 6947-Professional Lab Experience v. 1-6

Prerequisites: Completion of 21 graduate program hours and ESE 6215. (Competencies in measurement, evaluation, and curriculum are necessary for completion of this culminating experience.) Application of theories, techniques, and methods for improving teaching in real and/or simulated situations.

FLE 6665-Current Trends in Teaching Foreign Languages 3

Prerequisites: FLE 4333 or teaching experience, as well as fluency in the target language and in English. This course is designed for the experienced classroom teacher or for individuals with a background in foreign language methods. It provides updated information on programs and methodology regarding the teaching of foreign languages. The focus is on a proficiency-oriented approach and its implications in the classroom.

LAE 5330-Teaching Shakespeare's Plays 3

Prerequisite: Equivalent of Baccalaureate Major in English. This course allows teachers to expand their repertoire of knowledge and teaching strategies for presenting Shakespeare's plays in interesting and challenging ways to their students. Plays from all periods and modes are included. Research and development required.

LAE 6339-Special Methods in Teaching English 3

Prerequisite: Regular English teaching certificate. (Florida or its equivalent). An advanced analysis of the instructional methods, materials, curriculum, and research related to teaching secondary level English.

MAE 6336-Special Methods in Teaching Mathematics 3

Prerequisite: Regular mathematics teaching certificate (Florida or its equivalent). An advanced analysis of the instructional methods, materials, curriculum, and research related to teaching secondary level mathematics.

MUE 6349-Special Methods in Teaching Music 3

Prerequisites: MUE 4311, MUE 4330, ESE 4943 or consent of the instructor. A study of the foundations and principles of instruction for facilitating the general music and performance curricula; methods for measuring and evaluating musical growth; research pertaining to music teaching and learning.

PET 6910C-Independent Study & Research v. 1-3

Independent investigation of a specific topic, field problem, or career role with faculty guidance. May be repeated up to 16 credits.

RED 5846-Practicum in Reading v. 1-3

Prerequisites: RED 3310, RED 3311. Demonstration of reading teaching competencies in the school setting.

SCE 5465-Science, Technology and Society 3

This course examines instructional methods, materials, and curricula for teaching the sciences within a context that considers the interaction of science, technology, and society. It is used for science certification and in graduate program of study.

SCE 6337-Special Methods in Teaching Science 3

Prerequisite: Regular teaching certificate in the science area (Florida or its equivalent). An advanced analysis of the instructional methods, materials, curriculum, and research related to teaching secondary level science.

SSE 6385-Special Methods in Teaching Social Studies 3

Regular teaching certificate in the social studies area (Florida or its equivalent). An advanced analysis of the instructional methods, materials, curriculum, and research related to teaching secondary level social studies.

LEADERSHIP, COUNSELING & TECHNOLOGY

EDA 6061-Introduction to Educational Leadership 3

An investigation of educational leadership as a profession. The course reviews literature covering the roles and the contexts that elementary and secondary school leaders experience. Students begin a personal leadership portfolio. The required first course for persons seeking admission to the program in educational leadership.

EDA 6191-Team Leadership 3

This class provides students with an introduction to developing high performance work teams, leading work teams, and improving organizational teamwork in schools and other learning organizations.

EDA 6196-Leadership for Learning Organizations 3

Within this course, students will be introduced to the world of leadership through extensive investigations regarding major responsibilities of leaders. We will explore organizational behavior theories to provide a framework for making change within organizations.

EDA 6199-International Perspectives of Educational Leadership 3

This course is a study of educational leadership from international and cross-cultural perspectives. The course examines how educational leaders in different countries influence change, motivate teachers, develop learning communities, and practice instructional leadership that results in student achievement. The course will introduce students to the Comparative Framework used to compare and contrast leadership from cross-cultural perspectives. Modes of presentation will include comparative analysis, case studies, and problem-based learning. The ultimate goal is to help students develop an international and cross-cultural understanding of schooling and the role educational leaders play in transcending ethnocentric and culturally specific ways of improving instruction and student learning. The practice of educational leadership will be examined in Australia, and in African, Asian, European, North American, South American, and Caribbean countries. Students will have the opportunity to pursue individual and group interests through special projects.

EDA 6208-Organ. & Leadership in Higher Education 3

This course explores issues of organization, governance, and leadership practice in two and four-year colleges and universities. The diverse types of American institutions of higher learning are examined in the context of mission and purpose, programs and services, and the needs of both external and internal constituents. The roles of specific leaders are examined, giving attention to the current issues and challenges that each functional unit in an institution must face. This micro-view of leadership roles is framed by examination of the broader issues of mission, administration, and governance that influence the evolving concept of higher education in American culture.

EDA 6215-Developing School & Community Resources 3

This course explores the role of the educational leader in building school and community relations, emphasizing the need to involve diverse community stakeholders in the development of effective schools. Emphasis is given to planning programs and marshalling resources to build both human and social capital in school communities. Applications addressed are interpreting policy, identifying needs, setting goals and objectives, planning programs understanding school constituencies, and selecting appropriate communication tools.

EDA 6232-Law & Ethics in Educational Leadership 3

Prerequisite: EDA 6061. A study of constitutional, statute, case laws and principles relating to the organization and operation of public education with particular emphasis upon the examination of legal principles involved in practical problems of school administration.

EDA 6242-School Finance 3

Prerequisite: EDA 6061. Provides the student with an introduction to federal, state and local financial theories and practices. Provides skills in school-level budget planning, preparation and utilization. Outlines the procedures for internal accounting and financial management.

EDA 6271-Technology & Educational Leadership 3

The goal of this course is to provide students with knowledge, skills, and dispositions enabling them to use technology effectively as school leaders. The primary objective is demonstrating skills in the appropriate application of technology in the teaching and learning process and in the leadership, supervision, and administration of the school. The course emphasizes basic computer applications, issues in technology, and educational management systems.

EDA 6302-Lifelong Learning & Professional Devel 3

This seminar is designed for those who plan to work with adults in various learning contexts including academic and career preparation, professional development, in-service training, and continuing education. Students will explore the psychological, sociological, and economic dimensions of adult learning in the American experience. Emphasis will be given to the application of theory to contemporary practice in the formal provision of educational activities for adults.

EDA 6330-Admin. & Management of Student Services 3

The course examines the wide variety of student personnel services including school safety, school discipline and management of exceptional student education programs available

in public schools districts. A strong focus is placed on the nature and development of programs at the building and district levels of operation and discussion of current issues and trends.

EDA 6503-The School Principal 3

Prerequisite: EDA 6061. Organization and administration of the school; emphasis on the competencies necessary for leadership and management of the school center, both elementary and secondary.

EDA 6910-Individual Study & Research v. 0-3

Prerequisite: Consent of instructor. For students who wish to undertake an individual project related to administration and supervision. May be repeated with change of content for up to a maximum of 12 credits.

EDA 6930-Grants Development & Project Design 3

This seminar addresses all aspects of grants development, from the germination of ideas to preparing a competitive proposal. Topics include needs assessment, problem statement development, funding searches, literature review, methodology, performance objectives, evaluation design, and budget planning. The course emphasizes resource development for educators and human service professionals in a variety of settings.

EDA 6931-Special Topics v. 0-3

Prerequisite: Consent of instructor. For students who wish to undertake study of selected topics related to administration and supervision. May be repeated with change of content for up to a maximum of nine credits.

EDA 6935-St: Applied Transformation of Conflict 3

Prerequisite: EDG 6403. This course will be focused on broad-based education in multiple contexts. Learning will occur through academic, experiential and reflective engagement. Students will identify, examine, analyze and proactively respond to extant problems for applied practice prior to their own evaluation of their knowledge, skill and disposition development.

EDA 6945-Practicum in Educational Leadership v. 1-9

Prerequisites: EDA 6061, EDA 6215, EDG 6625, EDS 6130, EDA 6196, EDA 6232, EDA 6242. This course is designed for students who are in the Educational Leadership program for the master's degree. Selection of class section is made by the student and/or faculty based on course and program needs and/or student's employment interests. The course provides supervised experience in educational leadership (or in the principalship). Course requires minimum of 40 hours of field experience per credit hour, completion of the leadership practicum project, and seminars related to the role and responsibilities of the educational leader. May be repeated up to a total of nine credits.

EDA 7190-The Evolving Idea of the Educational Leader 3

This course examines the roles of educational leaders in history and the evolution of leader roles in society. It uses research, theory, history, biography, and fiction to frame changing concepts of leaders and leadership. Enrollment limited to students admitted to the doctoral program.

EDA 7192-Leadership: Group/Team Context 3

This course focuses on the interpersonal aspects of leadership. It examines research principles and practice of effective group/team dynamics. Extensive attention is given to group/team roles and functions, issues of group/team development, cohesion, communication, conflicts and conflict resolution. Enrollment limited to students admitted to the doctoral program.

EDA 7193-Educational Leadership IV: Leadership Change 3

Change in schools will be analyzed using rational and nonrational frameworks. Factors affecting change at the federal, state and local levels will be identified. Students will develop a case study of an organization experiencing change. Enrollment limited to students admitted to the doctoral program.

EDA 7194-Seminar in Educational Policy 3

This course will address specific issues related to leadership and educational policy in a seminar format. Enrollment is limited to students admitted to the doctoral program.

EDA 7262-Education Leadership III: Organizational Theory & Design 3

The structure of educational organizations will be examined from an assessment and contingency design perspective. Contemporary school structures as well as alternatives for the future, including multicultural settings, will be considered. The role of the leader as design facilitator and innovator will be discussed. Enrollment limited to students admitted to the doctoral program.

EDA 7400-Research in Educational Leadership: Quantitative Method 3

The course is a close examination of the major approaches to quantitative research in educational leadership and critical analysis of their appropriateness and strengths in studying research questions in applied contexts. Enrollment limited to students admitted to the doctoral program.

EDA 7410-Research in Educational Leadership: Qualitative Method 3

The course is a close examination of major approaches to qualitative research related to educational leadership and critical analysis of their appropriateness and strengths with regard to various research questions, with application to field situations and practitioner questions. Enrollment limited to students admitted to the doctoral program.

EDA 7420-Foundations of Research in Educational Leadership 3

The course is a study of approaches to problem identification and problem solving in education and a survey of research in educational leadership. Emphasis will be on quantitative and qualitative approaches to problem identification and problem solving in education. Enrollment limited to students admitted to the doctoral program.

EDA 7421-Inquiry into Research in Educational Leadership 1

This course is designed to develop analytical and technical skills in educational research appropriate to concurrent courses in the doctoral program in educational leadership. The course may be repeated for a maximum of three credits. Enrollment limited to students admitted to the doctoral program.

EDA 7905-Individual Study and Research v. 1-3

Prerequisite: Consent of instructor. For students who wish to undertake study of selected topics related to educational leadership. May be repeated with change of content for up to a maximum of 12 credits.

EDA 7945-Practicum: Leadership Assessment and Development v. 1-6

This practicum requires students to complete a variety of leadership assessment activities, to analyze assessment information, and to use assessment data to formulate a plan for continued leadership development. Enrollment limited to students admitted to the doctoral program. May be repeated for up to six credits.

EDA 7979-Research Seminar in Educ. Leadership v. 3-6

The course includes advanced experiences in designing, conducting, reporting, and critiquing various phases of quantitative and qualitative educational research. Enrollment limited to students admitted to the doctoral program. May be repeated up to 12 credits.

EDA 7980-Doctoral Dissertation Research v. 3-12

Enrollment is limited to students enrolled in the doctoral program. Students must register for a minimum of 24 hours of dissertation credit before completion of the program and for a minimum of 3 hours of credit each semester once admitted to candidacy.

EDF 6114-Growth & Development of the Learner 3

This course is designed to examine learner development from the perspective of both the school and the schoolcounselor. The course takes an in-depth look at theory, research and classroom applications in the areas of learner development, learner differences, the nature of the learner, learner motivation and the implications for the school counselor. The course will also examine the classroom needs and learning strategies for learners with exceptionalities and learners from various cultural backgrounds.

EDF 6480-Foundations of Educational Research 3

Introduction to understanding and interpreting qualitative and quantitative methods of educational research. Review of the steps in planning, conducting, and reporting educational research, including a survey and analysis of types of research. Student work will emphasize research in the elementary school, the middle school, the secondary school, exceptional education, or adult education.

EDF 6495-Research in Counseling 3

The ability to design, conduct and interpret research is critical for professional counselors. Professional research allows for discovery of new knowledge, better understanding of current practices, and effective professional communications, all of which expand and enhance the practice of professional counselors. In addition, counseling professionals are by definition expected to be accountable for the clinical and programmatic services they render. Therefore, substantive research, program evaluation, and related knowledge and skills are essential for the identification and provision of effective counseling.

EDF 6607-Education in America 3

The goal of this course is to provide every graduate in the College of Education with the basic information needed to understand the role of education in our American culture. The course is designed to provide students with the general knowledge that will enable them to deal with new ideas, events and challenges with which they will be confronted as educated professionals.

EDF 7215-Psycho-Social Aspects of Learning & Inst 3

The course includes an overview and comparison of learning theories and instructional strategies. The course includes review of the effects of cultural and gender differences on the learning and instruction processes and the effects of the presence of an exceptionality on these processes. Enrollment limited to students admitted to the doctoral program.

EDF 7545-Philosophy of Education 3

The course is an investigation into the basic assumptions and ideas of education, human nature, and human society, with emphasis upon the epistemological, ethical, and value dimensions of education. Enrollment limited to students admitted to the doctoral program.

EDF 7635-Cultural & Social Foundations of Education 3

Social and cultural forces affecting school practice are examined in the context of major theories of the sociology of education, concepts of multicultural education, and theories of leadership. Relations among educational policy, multicultural curriculum development, school achievement, and diverse lifestyles and learning styles are explored. Enrollment limited to students admitted to the doctoral program.

EDG 6285-Fundamentals of Program Evaluation 3

This course provides basic knowledge and the opportunity to develop fundamental skills in the evaluation of education and human service programs. Emphasis is on the evaluator's responsibility for designing and implementing an evaluation, conducting data analysis, and reporting evaluation results. Emphasis is on the application of qualitative and quantitative methods for conducting an assessment of program implementation, outcome, and impact. The course also examines applications of evaluative research in educational decision making and policy development.

EDG 6287-Prin of School Account & Assessment v. 1-3

This course provides an introduction to principles of school accountability and techniques in school-wide assessment. The emphasis is on understanding federal and state department of education information reporting requirements, reviewing and developing data collection procedures, and using assessment information for school improvement.

EDG 6403-Foundations of Conflict Transformation 3

This course includes diverse approaches to conflict resolution as well as methods of understanding, managing and transforming different types of conflict. Students will identify, examine and proactively respond to extant conflicts.

EDG 6625-Curriculum Leadership in Schools 3

An in-depth study of current issues, trends, and research related to school curricula at the primary, elementary, middle school, or secondary school levels within regular or exceptional student programs. The goal of the course is to provide an

understanding of policies, practices, and procedures related to the development of the K-12 school curriculum.

EDG 6911-Action Research in Education 3

The focus of this course is on the development of a systematic form of inquiry that is collective, collaborative, self-reflective, critical, and undertaken by the participants of the inquiry. The course provides the opportunity for teachers, counselors, and educational administrators to acquire skill in question development, data collection, data analysis, and the interpretation and presentation of results. Emphasis is on the classroom as a context for conducting research to: a) increase understanding, b) solve classroom problems, and c) contribute to the body of knowledge about teaching and learning. The course also examines applications of action research in educational decision-making and policy development.

EDS 6050-Instructional Leadership 3

This course is designed to provide the student with an introduction to the theories, practices and processes for providing leadership of an instructional program and supervision and development of instructional personnel. Special attention is given to the process of mentoring, coaching, serving as a lead instructor, and using a clinical instructional development model. All students are required to complete an applied field-based project in which they work directly with an instructor as an instructional coach.

EDS 6130-Human Resource Development in Education 3

A study of the theories, practices, processes and procedures which comprise the personnel and supervisory functions within educational organizations. Emphasis placed on recruitment, selection, induction, assessment, development, and collective bargaining.

EME 5403-Technology in Education 3

This survey course for teachers and administrators emphasizes technology as a personal and professional productivity tool. Students will use technology for communicating, solving problems, and participating in activities that encourage lifelong learning. The course prepares educators to use technology to support and enhance teaching and learning. The course includes equitable, ethical, and legal issues in educational technology.

EME 6050-Enhancing Instruction with Technology 3

Prerequisite: EME 5403 or consent of instructor. The course focuses on the development of concepts, strategies, and materials for the use of technology in the enhancement of instruction. The course explores the impact that computer technology can have on the nature of the teaching/learning process. Recent developments in education software, the Internet, and computers have provided educators with a new array of tools enriching the educational process. Topics include hardware, software, internet, technology and curriculum standards, and strategies for a range of content areas. This course explores the theoretical bases of critical issues in technology-enhanced learning.

EME 6052C-Techology, Education & Culture 3

This course is designed to help students form a comprehensive picture of the way information and communication technologies intersect with our belief systems, our way of life, and our relationship to the world. Challenges facing our schools, our social infrastructure and government agencies such as the National Archives and Library of Congress are discussed. The course examines the demands of a more complex, probabilistic view of the world and how probabilities, Bayesian Logic, and Fuzzy Algorithms intersect with human activity. Other concepts investigated include computer augmentation, collective intelligence and virtuality in our rapidly evolving technology-based culture.

EME 6405-Educational Web Design 3

Prerequisite: EME 5403 or Consent of the instructor. This course develops competencies in evaluating web pages for educational use, and in designing and producing effective web pages for school and classroom. The course prepares educators to create online content and tools for learning. Students develop their understanding of Web design principles, multimedia, HTML, needs assessment, instructional design Web publishing and usability testing.

EME 6409-Interactive Distance Education 3

This course explores forms of synchronous and asynchronous interactive distance education from perspectives of theory and practice. Designed for K-12 and higher education instructors and administrators, as well as trainers and instructional designers from other professional settings, the course focuses on the interpretation and application of theory, research, and standards-based effective practices to the design, development, and evaluation of distance education experiences. Skills and knowledge acquired in the course will contribute to distance and classroom teaching capabilities.

EME 6418-Educational Multimedia 3

Prerequisite: EME 5403. This course focuses on the design, development, and implementation of interactive media in instructional settings. Topics include: instructional design, input and output devices, optical technologies, hypermedia with sound and video, communicating with multimedia products, and the future of technology in education.

EME 6441-Technologies for Special Populations 3

Prerequisites: Computer experience. The course develops an understanding of assistive technology, accommodations, technology applications and adaptations to improve functionality of learners of all abilities, including ESE and ESOL.

EME 6601-Instructional Design & Applications 3

This course focuses on the application of instructional design principle to the development of instruction. Topics include contemporary issues and trends in instructional design, foundations in learning research, requirements for instruction, task and needs analysis, learning situations and instructional model, learners characteristics, hardware and software innovations, assessing instructional outcomes, and factors affecting utilization.

EME 6628-Educational Technology Systems 3

Prerequisites: Computer experience. This course develops understanding of educational technology hardware and network systems, including budgeting, purchase, setup, maintenance, upgrade, management and effective use in the school setting.

EME 7415-Educational Design for Digital Media 3

Prerequisite: EME 6418 and consent of instructor. This course focuses on the study and application of instructional design principles to the development of multimedia materials. It

emphasizes the application of learning principles to multimedia design and production. Students will design and develop a multimedia project using a variety of visual and auditory elements.

MHS 5005-Introduction to Guidance 3

This course is designed as an introductory course for students wishing to pursue a career as a school counselor. It will focus on the roles and expectations of counselors at different levels, as well as an introduction to the skills of counseling, consulting, and career education.

MHS 6006-Introduction to the Counseling Process 3

Prerequisite: Admission to the counselor education program or permission of instructor. This course provides an introduction to several models of counseling, including both theory and practice. Students will develop basic knowledge and skills associated with client-centered counseling, brief counseling, and cognitive-behavioral counseling. They will become familiar with the mechanics of counseling, including structuring sessions, establishing goals, and evaluating progress. Students will learn to assess their own suitability for a career in the counseling field and will become familiar with the basic counseling literature.

MHS 6070-Psychopathology 3

Prerequisite: MHS 6006. An overview of abnormal behavior and knowledge of the basic criteria for categorizing mental disorders, using the DSM-IV. Includes a survey of the theoretical models of maladaptive behavior, as well as case studies to facilitate understanding of the breadth and complexity of reliable diagnosis.

MHS 6201-Appraisal Procedures in Mental Health Counseling 3

Prerequisite: Introduction to Statistics or equivalent. The study of standardized and projective instruments for testing of individuals in areas such as intelligence, attitudes, personality and motivation.

MHS 6400-Individual Counseling 3

Prerequisite: MHS 6006. This course provides students with in-depth practice in intermediate counseling skills, as well as knowledge of the major counseling theories. Students will participate in a pre-practicum experience.

MHS 6401-Advanced Counseling 3

Prerequisites: MHS 6400, MHS 6510 and MHS 6070. This course provides advanced application of selected counseling theories and intervention strategies which facilitate behavioral changes and personality development in clients. Students will become skilled in case management procedures from psycho social intake through termination and will develop the ability to work within managed care parameters. The course includes practical experience.

MHS 6402-Overview of Brief Counseling 3

Prerequisite: Completion of MHS 6006 or permission of instructor. This course is appropriate for students having a basic counseling background (MHS 6006 or the equivalent), as well as more advanced students or practicing counselors. Students will become skilled in the application of solution-focused counseling and interactive guided imagery. Selected techniques from other models will be attained.

MHS 6407-Theories of Counseling 3

Provides counselors in school and mental health settings with knowledge of personality and counseling theories. The role of theory in the counseling of children, youth, and adults will be emphasized.

MHS 6410-Behavior Management Skills 1

This course is designed to prepare school counseling students for their role as counselor and consultant by examining various behavioral management techniques for use with individuals and in the classroom. Students will be given an in-depth look at potential problem situations and students. The course will look at profiles and characteristics of students presenting potential and active behavioral problems. Strategies for handling on-going behavioral problems are examined. The course will also address how to prevent problem behavior from beginning.

MHS 6421-Counseling Children & Adolescents 3

Prerequisites: MHS 6482, MHS 6006, MHS 6400. This course concerns the helping relationship between the counselor and children and adolescents. Emphasis is placed on application of theoretical models and specific techniques required to counsel children and adolescents in both school and mental health settings.

MHS 6428-Counseling Diverse Populations 3

Designed to provide students with knowledge of diverse populations and the skills necessary to counsel individuals with diverse needs.

MHS 6430-Introduction to Family Counseling 3

Prerequisite: MHS 6006. This course is designed to provide students with a comprehensive overview of contemporary theories and practices in family counseling. Students will acquire knowledge of psycho dynamic, humanistic, systems, structural, communication/strategic, and behavioral/cognitive approaches to working with families. Special emphasis will be placed on professional issues and ethical practices in family therapy.

MHS 6431-Advanced Seminar in Family Counseling 3

Prerequisite: MHS 6006 and MHS 6430. This course is designed to provide students with an in-depth focus on a particular contemporary treatment approach to working with families. The selected treatment approach (e.g., systems, psychodynamic, strategic, cognitive-behavioral, etc.) will vary from semester to semester. Students will acquire knowledge of basic theoretical concepts as well as the techniques and interventions germane to the specific modality chosen. Special emphasis will be on skill-building and practicing family counseling techniques.

MHS 6440-Counseling Couples 3

Prerequisite: MHS 6006. This course is designed as an elective in the counselor education program. Students will learn various models of counseling couples; will practice specific skills, interventions, and assessment procedures appropriate for couples; and will become knowledgeable and skilled in dealing with issues such as cultural differences, gay and lesbian relationships, domestic violence, and crisis intervention.

MHS 6450-Substance Abuse Counseling 3

Prerequisite: MHS 6006. This course is designed to prepare students for the challenges of working with clients who

have substance dependency and abuse problems. Students will acquire knowledge in individual and group treatment approaches, therapeutic interventions and issues. This course emphasizes the acquisition of counseling skills and provides opportunities for students to practice skill-building. Special focus will also be placed on working with special populations including minorities, the elderly, adolescents, and the mentally ill.

MHS 6470-Sexual Issues in Counseling 3

Prerequisite: Admission to the Counselor Education program or permission of instructor. This course is designed to provide mental health counseling students and other individuals in the mental health field with an introduction to sexual issues in counseling. The course will cover theories of human sexuality, sexual dysfunctions, sexual deviations, and life adjustments in sexuality. Students will learn principles of assessment and formulation of sexual problems and will gain skill in treatment of sexual issues.

MHS 6482-Personality & Life Span Development 3

This course provides students with knowledge of personality and human development theories and research throughout the lifespan. Dynamics of personality and behavior, as well as their implications for counseling at each developmental stage will be presented.

MHS 6510-Group Counseling 3

Prerequisite: MHS 6006. This course is designed to provide students with theoretical knowledge and skills appropriate for counseling in a group setting. Students will participate in an on-going group, will learn and demonstrate group leadership skills, and will design, conduct, and evaluate a structured group counseling program.

MHS 6530-Group Leadership Skills for School Counselors 3

This course is designed to provide students with methods, materials, leadership skills and counseling techniques appropriate for group work in a school setting. The course will address group and classroom approaches for promoting academic achievement and success in school. It will cover principles and practices of group counseling, group dynamics, teaching and training models and skills, teaming and collaboration and working with parent groups. Academic, career, college counseling, and school leadership groups will be emphasized.

MHS 6539-Classroom Management Skills 1

This course is designed to prepare the school counselor to manage the classroom during classroom guidance presentations and to strengthen their consultation role by helping them understand classroom structure and ways of helping teachers connect most effectively with learners. Strategies for managing students from various cultural backgrounds, the classroom environment and instructional activities which promote cognitive growth will be explored.

MHS 6600-Seminar: Consultation Skills 3

Examination of consultation models appropriate to education and human services. Develops basic skills in consultation with parents, teachers and other professionals.

MHS 6609-Advanced Consultation Skills 3

This course provides students with skills in advanced consultation, organization and implementation of parent, faculty/staff development activities, strategies for conducting advocacy and cross-disciplinary collaboration. Students learn to manage resources and secure alternative funding, access resources and support the academic achievement of K-12 students. The course will emphasize parenting, parent education programs, how to assist parents with helping their child succeed in school, and family influences on students' academic achievement.

MHS 6610-Clinical Supervision Counseling v. 1-3

Prerequisites: MHS 6006, MHS 6400 and MHS 6510. Corequisite: MHS 6830. Designed for advanced graduate students and practicing counseling professionals. Focuses on models and techniques of clinical supervision, as well as issues in supervision and evaluative methods. Students will study various approaches to supervision, practice with supervisors in a field experience, and create a supervision guide book.

MHS 6700-Legal, Ethical & Professional Issues in Counseling 3

Prerequisite: MHS 6006. This course provides students with an overview of legal, ethical, and professional issues that impact counselors. Through case studies, students will become familiar with Florida statutes and ethical principles which govern the practice of counseling. Students will be knowledgeable of the profession, including history, roles and functions of counselors, and professional organizations.

MHS 6780-Legal, Ethical & Professional Issues in School Counseling 3

This course will survey ethical, legal, and professional issues facing the school counselor. School counselors function in an environment regulated by state and federal laws, court decisions, certification, cultural diversity issues and school board rules. Using case studies, students will explore and demystify some of the legal complexities through and exploration of American Counseling Association Code of Ethics and Standard of Practice, federal law, case law, state statutes, multi-cultural community standards and school board rules. Students will learn how these assist in the protection of students, parents and the school counselor. Students will host a conference and present their research projects from EDF 6480 at this conference.

MHS 6800-Practicum in Mental Health Counseling v. 3-6

Prerequisites: MHS 6006, MHS 6400 and MHS 6510 with grades of "B" or higher, and permission of the practicum committee. Classroom instruction in advanced counseling strategies, as well as supervised counseling experience in a mental health setting. May be repeated up to six credits.

MHS 6830-Internship in Mental Health Counseling v. 3-6

Prerequisite: Permission of the faculty. Year-long experience totaling nine semester hours. Designed to offer in-depth supervised experience in a mental health setting as culmination of the master's degree. May be repeated up to 12 credits.

MHS 6905-Directed Individual Study v. 1-3

Prerequisite: Permission of instructor. Supervised individual investigation of specific problems in counseling within an educational or mental health setting. May be repeated up to 30 credits.

MHS 6930-Special Topics in Counselor Education v. 1-3

Prerequisites: Variable. In-depth study of particular counseling strategies, theories, methodologies or populations. Variable titles may include topics such as Counseling Children, Cognitive Therapy or Counseling the Aging. May be repeated up to 30 credits.

MHS 6931-Contemporary Problems & Issues v. 1-3

Exploration of selected contemporary topics relevant to counselors in the area of social and cultural foundations. Topics include trends and changes in gender roles; multicultural and pluralistic characteristics and concerns of selected subgroups; and societal issues such as stress or substance abuse.

MHS 6941-Prepracticum in Counseling 3

This is an academic and training experience designed to promote students' acquisition and development of specific skills in verbal and nonverbal communication and human relations. Students will learn fundamental skills in active listening, reflecting content, responding empathetically, as well as advanced skills such as reframing, confrontation, and interpretation. Students will also learn how to identify clients' issues and apply appropriate counseling strategies.

SDS 5429-Equity Methods & Resources 3

A course designed for the study of educational equity with emphasis on the identification of methods and resources to facilitate the progress of special student populations. Practical applications for classroom teachers, educational administrators and counselors are stressed.

SDS 5601-Home-School Communication 3

Explores the past, present, and future of home-school relationships. Covers strategies for working with parents with special needs (single parents, foster parents, etc.), includes methodology of communication skills, covers parent involvement, conferencing skills, parent education, and parent counseling.

SDS 6000-School & Family: Managing Student Behavior 3

Prerequisite: Admission to the SOAR program or permission of the instructor. This course is designed to enhance the relationship between families/care givers and the school for the purpose of optimizing student behavior for classroom learning. It will give the students tools to use when working with families. In addition, students will learn effective ways to include family members as active contributors in their child's education and overall well being. Students will learn how to create collaborative teams that will include school personnel, families and other community agencies to promote student learning. The school counselor's role will be explored in managing classroom behavior when conducting classroom guidance and in helping teaches with strategies for managing students from various cultural backgrounds. The classroom environment and instructional activities that promote cognitive growth will be examined. This course will look at profiles and characteristics of students presenting potential and active behavior problems. Strategies for preventing and handling ongoing behavioral problems are examined.

SDS 6014-Organization & Administration of School Counseling 3

A study of various components in a comprehensive, developmental school counseling program, including an understanding of professional roles and functions, historical underpinnings and future trends, accountability and professional organizations, associations and credentialing.

SDS 6200-Appraisal Procedures in School Counseling 3

Prerequisite: Introduction to Statistics or equivalent. Advanced study of standardized tests used in schools, including achievement, aptitude, intelligence, interest, motivation and structured interview instruments. Includes principles of measurement, rationale for test selection, guidelines for administration and the use of appraisal data for decision-making.

SDS 6310-Career & Lifestyle Development 3

Designed to enable counselors to help individuals assess their skills, knowledge and self-understanding necessary to arrive at appropriate career, educational, and lifestyle decisions throughout the life span. Both theory and practice are emphasized.

SDS 6602-School & Family Relations 1

This course is designed to enhance the relationships between families/care givers and the school. It will give students tools to use when working with families. In addition, students will learn effective ways to include family members as active contributors in their child's education and overall well-being. Students will learn how to create collaborative teams that will include school personnel, families and other community agencies. The goal is to facilitate collaboration and to empower parents by providing them with an opportunity to interact with the school, explore social skill building techniques and improve communication between the school and their child.

SDS 6820-Internship in Counseling 3

Prerequisite: Permission of the faculty. Year-long experience totaling six semester hours. This internship offers students an in-depth supervised experience in consultation services and classroom guidance delivery. May be repeated for credit.

SDS 6830-Internship in School Counseling: Counseling/ Coordination of Guidance Services 3

This internship offers students an in-depth supervised experience in schools practicing individual and group counseling.

SDS 6831-Management of Resources & Data Analysis 3

The course offers students an in-depth supervised experience in schools practicing management of resources and data analysis.

SDS 6832-Internship: Career Advising 3

This internship offers students an in-depth supervised experience practicing career and academic advising and advocacy in schools and businesses.

SDS 6905-Directed Independent Study v. 1-3

Variable hours and title.

SDS 6940-Practicum in School Counseling 3

Prerequisites: MHS 6006, MHS 6400, MHS 6510, and SDS 6014 with grades of "B" or higher, and permission of the practicum committee. Designed to apply knowledge and skills gained in study to actual school settings. Corresponding course work will be required in which the emphasis will be on the counselor as a consultant to parents, teachers, and administrators. May be repeated for credit.

University Programs and Related Activities

Alumni Services

Opportunities for graduates to remain involved with their alma mater are offered through the Office of Alumni Services, a part of the Division of Institutional Advancement. Alumni Services supports the **UNF Alumni Association** and serves as adviser to the Presidential Envoys Student Alumni Association, a volunteer group of students serving UNF as its official ambassadors.

The University of North Florida Alumni Association is a nonprofit organization. Its purpose is to foster, maintain and support a life-long relationship between alumni and the University. The Board of Directors, comprised of more than 30 UNF graduates, governs the association by setting policy, providing guidance for the association's programs and activities, and representing the interest of alumni to the University. Service on the Board of Directors is open to any interested alumni. The association hosts many alumni activities throughout the year, including networking events, personal and professional development seminars, travel programs, social events and more. The organization also develops benefits, programs and services for alumni to enjoy. The Office of Alumni Services is open Monday through Friday 8 a.m. to 5 p.m. For information, call (904) 620-4723 or (800) UNF-GRAD. The Web address is www.alumni.unf.edu.

The University of North Florida Foundation Inc.

The University of North Florida Foundation Inc. is a nonprofit, tax-exempt 501(c)(3) organization established to provide financial support and counsel to the University. Governed by a volunteer board, its membership encompasses leaders from the civic, professional and business communities of Northeast Florida.

Major activities of the 50-member board include developing a program of advisement for the president of the University; creating a bridge between the University and the political, cultural, civic, military and economic communities of the area; assisting the University in securing private funds through programs of annual and planned giving; and holding fiduciary responsibility for management of $120 million in assets, including an endowment valued at $95 million.

Standing committees of the foundation are:

1. the Advancement Committee, with responsibilities for fund raising, donor relations, corporate relations and stewardship;
2. the Finance and Audit Committee, which makes recommendations on financial matters and reviews the annual operating budget and audit;
3. the Investment Committee, which oversees investment of the Foundation's endowed and non-endowed funds; and
4. the Committee on Directors, which reviews potential board members and conducts assessment of the current board.

UNF Osprey Club

The UNF Osprey Club supports UNF athletics by raising money for capital improvements, operational needs and athletic scholarships. A general organization of business and community leaders who have committed themselves to supporting UNF athletic programs, the Osprey Club's Executive Board advises UNF on matters pertaining to the needs of the greater Jacksonville community, while encouraging 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.

Institute of Police Technology and Management

The Institute of Police Technology and Management (IPTM) was established in 1980 to provide management, traffic and specialized training to municipal, county, state and federal law enforcement officers. It has since become the largest police training center of its kind in the United States, annually training more than 12,000 officers from throughout the world.

Operating under the University's Training and Service Institute, IPTM is an integral part of UNF and offers most of its training programs in Jacksonville. The Institute also presents training programs under contractual arrangements with government agencies throughout North America and abroad. In 1997, IPTM acquired the Public Safety Institute located in Orlando. It is a division of IPTM and serves as an additional training facility.

The faculty consists of professionals who combine practical law enforcement skills with many years of police training experience and academic backgrounds necessary to effectively train in-service law enforcement officers. The full time staff is supplemented by a highly qualified adjunct faculty from government, private industry and the academic community.

IPTM training programs are specifically directed toward operational, supervisory and command law enforcement personnel. The courses are designed to improve the students' skills and abilities in performing law enforcement tasks while, at the same time, acquainting them with new developments in law enforcement areas. The combination of highly skilled instructors and practical hands-on training provide officers with a unique opportunity for meeting the needs of their agencies.

University Center

George Androuin, Director
(904) 620-4222

The University Center is a 95,000 square foot conference and academic support facility, one of the largest university-based centers in the country. The University Center offers the latest in technology and equipment; furnishings designed for maximum participant comfort; outstanding food and beverage services; and a friendly, service-oriented staff.

The mission of the University Center is to provide quality meeting facilities and services to UNF and the community while maintaining self-sufficiency. The center supports the teaching, scholarship, research and community service missions of the University by offering an outstanding conference and meeting environment, and by delivering quality meeting planning services and programs which meet or exceed the expectations of all clients of the center. The center enhances the University's overall outreach mission by extending academic resources of the University to promote lifelong learning. Among those academic resources are Continuing Education, Institute of Police Technology and Management, and Small Business Development Center.

The University Center is marked by technological sophistication and architectural elegance. It is equipped with state-of-the-art telecommunications capability, computer labs, a case study room, and full audiovisual services. Downlink satellite transmission, video conferencing and simultaneous translation services are also available.

With easy access from J. Turner Butler Boulevard just off Kernan Boulevard, the University Center offers convenient accessibility to the Jacksonville International Airport, hotels, business centers, beaches, and downtown Jacksonville. Fully accessible, the University Center has ample parking and a convenient passenger drop-off at the main lobby entrance.

Approval for use of the University Center means only that the program appears to meet the criteria established for its use and does not imply endorsement of the views that may be expressed during the program.

The University Center reserves the right to ensure that all programs are conducted in a manner consistent with the purpose and policies established for the center. Any exceptions to the center's use policy must have prior approval of the director of the University Center. A program may require the sponsorship of a recognized University unit, or have appropriately authorized involvement or participation of members of the University faculty or staff.

Division of Continuing Education

Robert Wood, Dean
(904) 620-4280
www.ce.unf.edu

The University of North Florida knows how to bring out the best in every student, whether you are preparing for graduate school, seeking certification, looking for advancement, changing careers or just taking courses for the pure enjoyment of learning. You will find the same individualized attention in our Division of Continuing Education that students enrolled in any of UNF's five colleges do.

At the UNF Division of Continuing Education, you can keep pace with a changing world – and transform your business, your career or yourself tomorrow.

The non-credit program provides educational services which complement the academic program of the University. A variety of non-credit educational programs (conferences, seminars, workshops, institutes and short courses) are offered throughout the year. Registration is open to all persons who have a desire for knowledge and an interest in the subject matter. Programs offered through the Division of Continuing Education do not receive state appropriations; therefore, fees to support these programs are charged to participants.

The following subject areas are offered throughout the year in a variety of formats, from one-day to semester-length courses. Please call the Division of Continuing Education at (904) 620-4200 and we will send you specific program information and course dates, or visit our web site at www.ce.unf.edu.

Center for Professional Development

Many new programs are being developed for this year. Please visit our website at www.ce.unf.edu or call a member of our Customer Care Team at (904) 620-4200 for the most up-to-date program information.

Certificate Programs

- Effective Business Writing and Grammar
- Instructional Systems Design
- Essentials of Leadership
- Leveraging Success: Harvard Law School's Seven Elements of Successful Negotiation
- Essential Supervisory and Management Skills -Introduction
- Essential Supervisory and Management Skills-Advanced
- Web-based Training Certificate - From Concept to Execution
- Basic Mediations - Workplace Dispute Resolution
- Essentials of Human Resource Management

Project Management

- Project Management Fundamentals
- PMP Exam Preparation®
- Practical Microsoft Project Foundations
- Practical Microsoft Project Advanced Applications
- PMP Boot Camp
- Advanced Project Management Techniques

Management and Communication

- Assertive Communication for Professionals
- Effective Time Management and Organizational Skills
- Finance Non-financial Managers
- Giving Effective Performance Feedback
- How to Manage Problem Employees
- How to Value a Business
- Leading with Emotional Intelligence
- Managing Within the Law
- Microsoft® Office Suite – Tips and Timesavers
- Motivating and Retaining Key Employees
- Developing Productive & Committed Teams
- Savvy Business Etiquette
- Sharpening Your Presentation and Speaking Skills
- Resolving Employee Performance and Behavior Issues
- Successful Conflict Resolution
- Supervisor Boot Camp
- Talent Management

Test Preparation

- ACT Exam Preparation
- SAT Exam Preparation
- GRE Exam Preparation
- GMAT Exam Preparation
- PHR/SPHR Exam Preparation

Online Learning

- Healthcare
- Business
- Construction/ Automotive
- Internet/Graphic/Web Design
- Networking/CompTIA
- Video Game Design
- Personal Development
- Persona Enrichment
- Basic Computer Literacy

Occupational Spanish

The Division of Continuing Education is Northeast Florida's only licensed official registered provider of Command Spanish® programs. Programs are available for almost any industry from banking and mortgages to retail sales and real estate to manufacturing to law enforcement and healthcare. A few examples are:

- Doing Business in Latin America
- Community Spanish
- Spanish for Office Personnel
- Spanish for the Physician's Office
- Spanish for the Workplace
- Supervising Spanish-speaking Employees
- Spanish for Travelers

Customized Learning Solutions

Companies and organizations have begun to realize the money spent on training and developing their employees is better seen as an investment than a cost. Perhaps more importantly, they are aligning the training and development of their work force directly with business strategy to realize an even better return on that investment.

Employees are believers in lifelong learning, considering educational benefits and opportunities for improvement in productivity to be a key reason for joining and staying with an organization.

The Customized Learning Solutions department of the UNF Division of Continuing Education brings the up-to-date knowledge and techniques right to your place of work, shaped for the objectives and culture of your organization. While all of the courses are available on the UNF campus, most can be taught at your facility to maximize time, coordinate with shifts and schedules or to dovetail with your internal training and development resources.

In addition to these existing courses, the Division of Continuing Education will work with you to create training and development programs exclusively for you, your organization and the employees charged with carrying out your strategic plan. Call (904) 620-4280 for more information.

Center for Leadership

The Division of Continuing Education has created a comprehensive program to both motivate and empower those who have responsibility for the future direction of their organizations now – and for those who have acquired or significantly expanded their general management responsibilities.

The Center for Leadership is designed for three different types of leaders:

- C-level executive leaders who currently run their companies and organizations,
- Emerging leaders who could benefit from expert instruction and coaching that will take them to the next level of leadership, and
- Managers and supervisors responsible for day-to-day operations.

Whether you are looking to build your own leadership skills or prepare the talent you have designated for the future, you can count on UNF to offer world class programs that:

- Build highly effective organizations,
- Improve marketplace performance, and
- Return bottom line results.

Conferences

The Division of Continuing Education's Department of Conference Services and Special Events provides professional management services for businesses, organizations and professional associations. Programs can be held on the UNF campus, at business sites or at appropriate hotel or resort locations. Our services include, but are not limited to:

- Pre-conference planning
- Market/promotional planning
- Web site development
- Logistics Management
- Registration, fee collection and account management
- Site negotiations and arrangements
- On-site management
- Program evaluation and follow-up
- Continuing Education Units (CEUs)

With our assistance, sponsors retain total control of program content and delivery while being relieved of the administrative details. For more information, please call (904) 620-4270. The following are examples of some of the conferences we plan, promote and manage annually:

- Annual African American Professionals Conference
- Annual Excellence in Employee Development Awards
- Annual Administrative Professionals Conference & Expo
- Southeastern WorkKeys Conference

Center for Economic & Workforce Development

Sustained economic growth is the lifeline of Jacksonville and its surrounding counties. When new workforce skills are required by a relocating company, or an existing company desires to raise the skill level of its current workforce to compete in a broader market, they turn to the Division of Continuing Education. The Center for Economic & Workforce Development has experts who can provide skills assessment, customized training development and implementation. We have a proven track record of providing effective higher-level and vocational training to our customers. Let us help you design and deliver a workforce training program to meet your business needs.

Railroad Institute
- Individualized Certification programs
- Customized Training Solutions for the Transportation Industry

Workforce Skills Assessment
- WorkKeys specializing in the Florida Ready to Work Credential

Logistics Institute
- Individualized Certification programs
- Customized Training Solutions for Companies

Environmental & Safety Institute (Program in Development)

Legal Studies Institute

Embark on a career in the exciting and rewarding legal profession. The Legal Studies Institute offers you the opportunity to expand your knowledge of legal procedures and increase your chances for a promotion. A paralegal is a person who performs specifically delegated substantive legal work for which a lawyer is responsible. The Institute offers four types of certificates: Legal Secretary, Paralegal, Paralegal/Legal Secretary Dual, and Paralegal CLA Prep.

Osher Lifelong Learning Institute

The Osher Lifelong Learning Institute (OLLI) is a program for people aged 50 and above who wish to continue to grow in areas that they may not have had an opportunity to pursue while in active employment. OLLI offers a rich array of programs and events for adult learners. You can explore the liberal arts—humanities, social sciences, and natural sciences—in an atmosphere that is intellectually challenging but without the stress of tests and grades. Examine a good book or THE Good Book; discover a new talent such as mah jong or photography; or experience fine wine or fine music. Members thoroughly enjoy interacting with outstanding faculty and fellow adult learners. OLLI: For the time of your life!

Center for Quality

The primary programs offered are Lean Enterprise, Six Sigma, Lean Six Sigma, ISO 9001 and Kepner-Tregoe. In addition to the primary programs, the Center offers an array of shorter training classes and consulting in more than 30 specific productivity and quality improvement tools. All of the Center's programs are directed to helping organizations address three key areas that directly impact profitability – productivity, customer satisfaction and quality.

Six Sigma:
- Six Sigma Executive Briefing
- Six Sigma Leadership / Deployment Training
- Six Sigma Champion Training
- Six Sigma Overview
- Six Sigma Green Belt
- Six Sigma Green Belt for Service Organizations
- Six Sigma Black Belt
- Six Sigma Black Belt for Service Organizations
- Six Sigma Green Belt to Black Belt
- Six Sigma Green Belt to Black Belt for Service Organizations
- Six Sigma Black Belt Certification Review
- Lean Six Sigma Yellow Belt for Service Organizations
- Lean Six Sigma Green Belt for Service Organizations
- Lean Six Sigma Black Belt for Service Organizations

Quality Systems:
- ISO 9001:2000: an Executive Briefing
- Understanding ISO 9001:2000
- ISO 9001:2000 Internal Auditing
- Understanding ISO/TS 16949:2002
- ISO/TS 16949:2002 Internal Quality Auditing
- ISO 14001 EMS
- Malcolm Baldrige National Quality Award

Improvement Tools and Methods:
- Advanced Quality Planning (AQP)
- Design Failure Mode & Effects Analysis (Design FMEA)
- Geometric Dimensioning and Tolerancing (GD&T)
- Mistake Proofing
- Process Failure Mode & Effects Analysis with Control Plans and Reaction Plans (Process FMEA)
- Production Part Approval Process (PPAP)
- Project Management
- Quality Function Deployment (QFD)

Lean Enterprise:
- Lean Enterprise: An Executive Briefing
- The Lean Enterprise Executive Overview
- Lean Enterprise Basics
- Lean for the Office
- Introduction to the Kaizen Methodology
- The Kaizen Tools–Enterprise Continuous Improvement
- The Kaizen Pilot–Enterprise Continuous Improvement
- 5S Enterprise Housekeeping
- The 5S Pilot
- Workplace Diversity & Management of Change

Kepner-Tregoe:
- Kepner-Tregoe: An Executive Briefing
- Kepner-Tregoe: Problem Solving and Decision Making
- Kepner-Tregoe: Analytical Troubleshooting

Statistical Methods:
- Statistical Analysis for Process Improvement (SAPI)
- Design of Experiments I (DOE I)
- Design of Experiments II (DOE II)
- Measurement System Assessment I (MSA I)
- Measurement System Assessment II (MSA II)
- Statistical Process Control I (SPC I)
- Statistical Process Control II (SPC II)
- Short Run Statistical Process Control (Short Run SPC)

Appendix A
University Officers & Graduate Faculty
2008-2009

Executive Staff

John A. Delaney, J.D. (University of Florida) President

Mark E. Workman, Ph.D. (University of Pennsylvania) Provost and Vice President for Academic Affairs; Professor, Department of English

Thomas S. Serwatka, Ph.D. (Kent State University) Vice President and Chief of Staff; Professor, Department of Exceptional Student and Deaf Education (Deaf Education)

Pierre N. Allaire, Ph.D. (University of Louisville) Vice President for Institutional Advancement

Rachelle Gottlieb, M.A. (University of Texas at Austin) Vice President for Human Resources

Mauricio Gonzalez, Ph.D. (Florida State University) Vice President for Student and International Affairs; Faculty (Affiliate Appointment), Department of Leadership, Counseling and Instructional Technology

Janet D. Owen, J.D. (Stetson University) Vice President for Governmental Affairs

Shari A. Shuman, M.P.A. (University of North Florida) Vice President for Administration and Finance

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

Deans

John P. McAllister, Ph.D. (Pennsylvania State University) **C.P.A.**, 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 Leadership, Counseling and Instructional Technology (Educational Leadership)

Pamela S. Chally, Ph.D. (Georgia State University) **R.N.,** Dean, Brooks College of Health; Professor, School of Nursing

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

David E. W. Fenner, Ph.D. (University of Miami) Dean of The Graduate School; Associate Professor, Department of Philosophy with collaborative appointment in the College of Education and Human Services

Robert Wood, M.P.A. (Indiana University) Dean, Division of Continuing Education

Shirley Hallblade, Ph.D. (University of Iowa) Library Science; Dean, Libraries

Faculty

John Adams, Ph.D. (Texas Tech University) Assistant Professor, Department of Accounting and Finance

Ronald J. Adams, Ph.D. (University of Georgia) Professor, Department of Marketing and Logistics (Marketing)

Gregory A. Ahearn, Ph.D. (Arizona State University) Professor, Department of Biology

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

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

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

Laura Ammon, Ph.D. (Claremont Graduate University) Assistant Professor, Department of Philosophy

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

Jose Luis Angeles, Ph.D. (University of Valencia) Associate Professor, Department of World Languages (Spanish)

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

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

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

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

Elissa Barr, Ph.D. (University of Florida) Associate Professor and Director, Undergraduate Community Health Program, Department of Public Health

Thomas L. Barton, Ph.D. (University of Florida) **C.P.A.,** Kathryn and Richard Kip Professor of Accounting; Department of Accounting and Finance

Homer L. Bates, Ph.D. (University of Illinois) **C.P.A.,** Professor, Department of Accounting and Finance (Accounting)

Jacqueline J. Batey, Ph.D. (University of Florida) Assistant Professor, Department of Childhood Education (Primary Education)

Joel W. Beam, Ed.D. (University of North Florida) **A.T.C., L.A.T.,** Associate Professor, Department of Athletic Training and Physical Therapy

Michele S. Bednarzyk, M.N. (University of South Carolina) **A.R.N.P., B.C.**, Instructor, School of Nursing

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

Betty J. Bennett, Ph.D. (Florida State University) Assistant Professor, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

Kathaleen C. Bloom, Ph.D. (University of Florida) **A.R.N.P., C.N.M.** Professor, School of Nursing

Yemisi A. Bolumole, Ph.D. (Cranfield University - England) Associate Professor, Department of Marketing and Logistics (Logistics)

Mary O. Borg, Ph.D. (University of North Carolina at Chapel Hill) Director, Office of Undergraduate Academic Enrichment Program (Enrichment); Professor, Department of Political Science and Public Administration

Janet E. Bosnick, Ph.D. (University of Florida) Associate Professor, Department of Childhood Education (Mathematics Education)

Adel N. Boules, Ph.D. (Michigan State) Associate Professor, Department of Mathematics and Statistics (Mathematics)

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

Peter Braza, Ph.D. (Northwestern University) Associate Dean, College of Arts and Sciences; Professor, Department of Mathematics and Statistics (Mathematics)

Louise Freshman Brown, M.F.A. (Syracuse University) Professor, Department of Art and Design (Painting/Drawing)

Shunda L. Brown, Ph.D. (University of Virginia) Assistant Professor, Department of Leadership, Counseling and Instructional Technology (School and Mental Health Counseling)

Andrew J. Buchwalter, Ph.D. (Boston University) Associate Professor, Program Director, Department of Philosophy

Bernadette D. Buckley, Ph.D. (University of Florida) **ATC, LAT,** Assistant Professor, Department of Athletic Training and Physical Therapy

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

Charles H. Calhoun, Ph.D. (Florida State University) Director of MACC Program, Professor and Chair, Department of Accounting and Finance

Daniel J. Callcut, Ph.D. (Johns Hopkins University) Assistant Professor, Department of Philosophy

Joseph L. Campbell, Ph.D. (Clemson University) Professor, School of Engineering

David E. Cantor, Ph.D. (University of Maryland) Department of Marketing and Logistics (Logistics)

Adam C. Carle, Ph.D. (Arizona State University) Assistant Professor, Department of Psychology

Lynne Carroll, Ph.D. (University of Pittsburgh) Professor, Coordinator for MACP Program, Department of Psychology

Candice Carter, Ph.D. (University of California, Riverside) Associate Professor, Department of Childhood Education (Elementary Education)

Keith Cartwright, Ph.D. (Indiana University) Assistant Professor, Department of English (English)

Dale Casmatta, Jr., Ph.D. (Ohio University) Associate Professor, Graduate Coordinator, Department of Biology

Terence Cavanaugh, Ph.D. (University of South Florida) Instructor, Department of Leadership, Counseling and Instructional Technology (Instructional Technology)

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

Richard H. Chant, Ed.D. (University of Central Florida) Program Leader, Secondary Education and Assistant Professor, Program Director, Department of Foundations and Secondary Education (Social Studies Education)

Hyunsun Choi, Ph.D. (University of Southern California) Assistant Professor, Department of Political Science and Public Administration (Urban and Regional Planning)

Lei-Shih Chen, Ph.D. (University of Arkansas) Assistant Professor, Department of Public Health

Chiu Choi, Ph.D. (University of California) Professor, School of Engineering

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

Catherine Christie, Ph.D. (Florida State University) **R.D**. Associate Professor and Coordinator for MSH in Nutrition program, 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, Graduate Coordinator, MPH Program, Department of Public Health (Epidemiology)

Dale L. Clifford, Ph.D. (University of Tennessee) Associate Professor, Chair, Department of History

Charles E. Closmann, Ph.D. (University of Houston) Assistant Professor, Graduate Coordinator, Department of History (European History)

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

B. Jay Coleman, Ph.D. (Clemson University) Associate Dean, Coggin College of Business; Richard deRaismes Kip Professor of Operations Management and Quantitative Methods; Professor, Department of Management (Operations Management and Quantitative Methods); Distinguished Professor, 2005

Gerald C. Colvin, Ph.D., (University of Pittsburgh) Assistant Professor, Department of Public Health (Health Administration)

Nancy J. Correa-Matos, Ph.D., (University of Illinois) Assistant Professor, Department of Public Health (Nutrition)

Matthew T. Corrigan, Ph.D. (University of Florida) Associate Professor, Department of Political Science and Public Administration

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) Professor, School of Engineering (Mechanical Engineering)

John P. Cummings, Ph.D. (Indiana University) **P.T.,** Associate Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

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)

Michelle R. DeDeo-Lefkowitz, Ph.D. (University of California-San Diego) Associate Professor, Department of Mathematics and Statistics (Mathematics)

Rosa DeJorio, Ph.D. (University of Illinois at Urbana-Champaign) Associate Professor, Department of Sociology and Anthropology (Anthropology)

Timothy J. Donovan, Ph.D. (Pennsylvania State University) Assistant Professor, Department of English

Daniel Dreibelbis, Ph.D. (Brown University) Associate Professor, Department of Mathematics and Statistics (Mathematics)

Roger E. Eggen, Ph.D. (University of Missouri-Rolla) Professor, Graduate Program Coordinator, School of Computing

John A. Eisler, Ph.D. (Emory University) Associate Professor, Department of Psychology (Psychology)

Adel I. El-Ansary, Ph.D. (Ohio State University) Donna Harper Professor of Marketing and Chair, Department of Marketing and Logistics (Marketing)

Sherif A. Elfayoumy, Ph.D. (University of Louisville) Associate Professor, School of Computing

Adel El-Safty, Ph.D. (North Carolina State University) Assistant Professor, School of Engineering

Reham Eltantawy, Ph.D. (Florida State University) Assistant Professor, Department of Marketing and Logistics (Marketing)

Cassandra Z. Etgeton, Ed.D. (University of Central Florida) Assistant Professor, Department of Foundations and Secondary Education (Mathematics Education)

Paul A. Fadil, Ph.D. (Florida State University) Associate Professor, Program Director for MBA, Department of Management (Management)

Joan Farrell, Ph.D. (State University of New York at Buffalo) Professor, Department of Public Health

Jorge Febles, Ph.D. (University of Iowa) Professor and Chair of World Languages

David E. W. Fenner, Ph.D. (University of Miami) Dean of the Graduate School; Professor, Department of Philosophy with collaborative appointment in the College of Education and Human Services

Brian J. Fisak, Jr., Ph.D. (University of Central Florida) Assistant Professor, Department of Psychology

Jennifer A. Fisher, Ph.D. (City University of New York) Assistant Professor, Department of Philosophy

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

Linda A. Foley, Ph.D. (University of Florida) Professor, Department of Psychology (Psychology); Distinguished Professor, 1982

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

Patricia H. Foster, Ed.D. (University of Florida) **R.N.,** Associate Professor, School of Nursing

Sebastian Foti, Ph.D. (University of Florida) Assistant Professor, Leadership, Counseling and Instructional Technology

Cheryl A. Fountain, Ed.D. (University of Florida) Executive Director, Florida Institute of Education; Professor, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

J. Michael Francis, Ph.D. (University of Cambridge-England) Associate Professor, Department of History

Robert Frankel, Ph.D. (Michigan State University) Professor and Richard deRaismes Kip Professor of Marketing and Logistics, Department of Marketing and Logistics (Marketing and Logistics)

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

Elizabeth L. Furdell, Ph.D. (Kent State University) Professor, Department of History; Distinguished Professor, 2002

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

Andrés Alberto Gallo, Ph.D. (University of Illinois Urbana - Champaign) Associate Professor, Department of Economics and Geography (Economics)

Patricia A. Geesey, Ph.D. (Ohio State University) Associate Professor, Department of World Languages (French)

Matthew Ronald Gilg, Ph.D. (University of South Carolina) Assistant Professor, Department of Biology

Gerard R. Giordano, Ph.D. (Ohio State University) Professor, Department of Exceptional Student and Deaf Education

Tayeb Giuma, Ph.D. (University of Miami) Associate Professor, School of Engineering

James U. Gleaton, Jr., Ph.D. (University of South Carolina) Visiting Assistant Professor, Department of Mathematics and Statistics

Mauricio Gonzalez, Ph.D. (Florida State University) Vice President for Student and International Affairs; Professor (Affiliate Appointment) Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

Gregory Gundlach, Ph.D. (University of Tennessee) Visiting Eminent Scholar, Department of Marketing and Logistics (Marketing)

Saurabh Gupta, Ph.D. (University of Georgia) Assistant Professor, Department of Management (Management Information Systems)

Sandra L. Gupton, Ed.D. (University of North Carolina at Greensboro) Chair, Department of Foundations and Secondary Education and Professor, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

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

Courtney T. Hackney, Ph.D. (Mississippi State University) Professor, Department of Biology

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

Katrina W. Hall, Ph.D. (University of Florida) Assistant Professor, Department of Childhood Education (Pre-K and Primary Education)

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

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

Mitchell R. Haney, Ph.D. (University of Memphis) Assistant Professor, Department of Philosophy

Jace Hargis, Ph.D. (University of Florida) Director, Office of Faculty Enhancement; Assistant Professor, Department of Childhood Education (Science Education)

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

Jeffrey P. Harrison, Ph.D. (Virginia Commonwealth University) Associate Professor, Department of Public Health (Healthcare Management)

Paul G. Harwood, Ph.D. (University of Maryland) Assistant Professor, Department of Political Science and Public Administration (Political Science)

Kathleen Hassall, Ph.D. (Florida State University) Associate Professor and Director of the Writing Center, Department of English (English)

John D. Hatle, Ph.D. (University of Louisiana at Lafayette) Associate Professor, Department of Biology

Damon M. Hay, Ph.D. (University of Houston) Assistant Professor, Department of Mathematics and Statistics

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

Michael J. Herkov, Ph.D. (Auburn University) Associate Professor, Department of Psychology

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

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

Warren A. Hodge, Ph.D. (University of Wisconsin-Madison) Associate Professor, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

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

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

Nick Hudyma, Ph.D. (University of Nevada at Las Vegas) Assistant Professor, School of Engineering

Chie Ikeya, Ph.D. (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 (Psychology)

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

David D. Jaffee, Ph.D. (University of Massachusetts - Amherst) Vice President of Undergraduate Studies; Professor, Department of Sociology and Anthropology (Sociology)

Christopher Johnson, Ph.D. (University of Alabama) Assistant Professor, Department of Economics and Geography (Economics)

Lynn Comer Jones, Ph.D. (Georgia State University) **C.P.A.,** Assistant Professor, Department of Accounting and Finance (Accounting)

Marnie Jones, Ph.D. (Northwestern University) Associate Dean of College of Arts and Sciences; Professor, Department of English (English)

Christopher J. Joyce, Ph.D. (University of Virginia) **A.T.C., L.A.T, C.S.C.S.,** Associate Professor, Department of Athletic Training and Physical Therapy

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

Jennifer A. Kane, Ph.D. (Florida State University) Associate Professor, Department of Leadership, Counseling and Instructional Technology (Sport Leadership)

Philip G. Kaplan, Ph.D. (University of Pennsylvania) Associate Professor; Graduate Coordinator, Department of History

J. Jurek Karylowski, Ph.D. (University of Warsaw) Professor, Department of Psychology; Distinguished Professor, 1995

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

C. Bruce Kavan, Ph.D. (University of Georgia) Professor and Chair, Department of Management (Management Information Systems), and Bank of America Professor of Information Technology

Diane W. Kazlauskas, Ed.D. (University of Florida) **M.S.L.S.** (Atlanta University) University Librarian; Head of Media Resources

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, Department of English (English)

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) Professor and Chair, Department of Philosophy

Barbara Kruger, Ph.D., M.P.H. (University of Florida) **R.N.,** Associate Professor, School of Nursing

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, Department of Construction Management

Marcia L. Lamkin, Ed.D. (Teachers College, Columbia University) Assistant Professor, Program Director for Educational Leadership, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

Lori J. Lange, Ph.D. (University of Wisconsin - Milwaukee) Associate Professor, Department of Psychology

Wanda G. LaStrapes, Ph.D. (Old Dominion University) Assistant Professor, Foundations and Secondary Education

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

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

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

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

Nancy J. Levine, Ph.D. (Columbia University) Associate Professor, Department of English (English)

Ronald T. Libby, Ph.D. (University of Washington) Professor, Department of Political Science and Public Administration

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 and MSN Coordinator, School of Nursing (Nursing Administration)

Marcelle C. Lovett, Ed.D. (University of Florida) Assistant Professor, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

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) Associate Professor, Department of English (English)

Ye Luo, Ph.D. (Tulane University) Assistant Professor, Department of Sociology, 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

John B. MacArthur, Ph.D. (University of Wales, United Kingdom) **FCCA,** Kathryn and Richard Kip Professor of Accounting and Professor, Department of Accounting and Finance (Accounting)

Peter M. 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

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

Kenneth E. Martin, Ph.D. (University of Notre Dame) Professor, School of Computing

Paul M. Mason, Ph.D. (University of Texas) Professor and Chair, Department of Economics and Geography (Economics)

Jason I. Mauro, Ph.D. (University of Connecticut) Associate Professor, Department of English (English)

Russell O. Mays, Ed.D. (Vanderbilt University) Associate Professor; Program Leader, Educational Leadership Masters Program, Department of Leadership, Counseling and Instructional Technology (Educational Leadership)

John P. McAllister, Ph.D. (Pennsylvania State University) **C.P.A.,** Dean, Coggin College of Business; Professor, Department of Accounting and Finance (Accounting)

Elizabeth McCarthy, Ph.D. (Uniformed Services University of the Health Sciences) Professor, School of Nursing

Matthew T. McCrudden, Ph.D. (University of Nevada-Las Vegas) Assistant Professor, Department of Foundations and Secondary Education (Educational Psychology/Educational Foundations)

John P. McDonough, Ed.D. (Drake University) **C.R.N.A., A.R.N.P.,** Professor, Director Nurse Anesthesia Track, School of Nursing

John E. McEldowney, D.B.A. (Mississippi State University) **C.P.A., CIA,** Associate Professor, Department of Accounting and Finance (Accounting)

Elizabeth McMullan, Ph.D. (University of Southern Mississippi) Assistant Professor, Department of Criminology and Criminal Justice

Sangeeta Mediratta, Ph.D. (University of California, San Diego) Assistant Professor, Department of English

Jan Meires, Ed.D. (University of North Florida) **A.R.N.P., B.C.,** Associate Professor, School of Nursing

Gerald Merckel, Ph.D. (University of Tennessee) Associate Dean, College of Computing, Engineering, and Construction and Professor (School of Engineering)

Jeffrey E. Michelman, Ph.D. (University of Wisconsin-Madison) **C.P.A., CMA,** Associate Professor, Department of Accounting and Finance (Accounting and Information Systems) with a collaborative appointment in the Brooks College of Health

Ognjen Milatovic, Ph.D. (Northeastern University) Assistant Professor, Department of Mathematics and Statistics (Mathematics)

Aleksandra S. Milicevic, Ph.D. (University of California) Assistant Professor, Department of Sociology and Anthropology (Sociology)

Donna L. Mohr, Ph.D. (Princeton University) Professor, Department of Mathematics and Statistics (Statistics)

W. Patrick Monaghan, Ph.D. (Bowling Green State University), Professor, School of Nursing

Pamela A. Monteleone, Ph.D. (State University of New York at Buffalo) Associate Professor, Department of English (English)

Daniel C. Moon, Ph.D. (University of South Florida) Associate Professor, Department of Biology

Michele J. Moore, Ph.D. (University of Florida) **CHES** Associate Professor, Department of Public Health

W. Allen Moore, Ph.D., P.T., (Virginia Commonwealth University) Assistant Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

Donald F. Moores, Ph.D. (University of Illinois) Professor, Department of Exceptional Students and Deaf Education

Michelle L. Murphy, Ph.D., (University of Florida) Visiting Professor, Department of Leadership, Counseling and Instructional Technology

Dag Näslund, Ph.D. (Lund School of Business and Economics) Associate Professor, Department of Management (Management)

Betsy L. Nies, Ph.D. (University of Florida) Assistant Professor, Department of English (English)

Stephan J. Nix, Ph.D. (University of Florida) Professor, Program Director, School of Engineering

JoAnn Nolin, J.D., R.N. (University of Florida) Associate Professor and MHA Director, Department of Public Health (Health Administration)

Ann C. Noonan, Ph.D. (Northeastern University) Associate Professor and DPT Director, Department of Athletic Therapy and Physical Therapy (Physical Therapy)

Cynthia Nyquist-Battie, Ph.D. (University of California Los Angeles - Irvine) Professor, Department of Public Health

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) Associate Professor, Department of Management (Management)

Karen B. Patterson, Ph.D. (Kent State University) Assistant Professor and Program Leader, 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, Management (Management)

Krista E. Paulsen, Ph.D. (University of California Santa Barbara) Assistant Professor and Program Director, 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) Professor, Department of Management (Management); Blanche and Luther Coggin Professor of Management; Distinguished Professor, 1989

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) **C.H.E.S.**, **R.D.,** Professor and Chair, Department of Public Health

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

J. Patrick Plumlee, Ph.D. (Rice University) Associate Professor and MPA Director, Department of Political Science and Public Administration

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

Gordon Rakita, Ph.D. (University of New Mexico) Associate Professor, Department of Sociology and Anthropology (Anthropology)

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

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

Rose Marie Rine, Ph.D., P.T., (Northeastern University) 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 (Educational Foundations)

Len Roberson, Ph.D. (Gallaudet University) Associate Professor, Chair and Program Leader, Deaf Education Program, Program Director, Special Education, Department of Exceptional Students and Deaf Education

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

Judith C. Rodriguez, Ph.D. (Rutgers University) **R.D.,** Professor, Department of Public Health (Nutrition)

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

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, Ph.D. (University of California, Santa Barbara) Assistant Professor, Department of Biology

Anthony M. Rossi, Ph.D. (Florida State University) Associate Professor, Department of Biology

N. Harry Rothschild, Ph.D. (Brown University) Associate Professor, Department of History

Connie Roush, Ph.D., (University of Washington) Assistant Professor, School of Nursing

Randall J. Russac, Ph.D. (Arizona State University) Associate Professor and Coordinator for the MAGP Program, Department of Psychology (Psychology)

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

Otilia L. Salmón, Ph.D. (University of Florida) Associate Professor and Graduate Coordinator for Elementary Education, Department of Foundations and Secondary Education (Educational Foundations)

A. Coskun Samli, Ph.D. (Michigan State University) Research Professor, Department of Marketing and Logistics (Marketing and International Business)

Arturo J. Sanchez-Ruiz, Ph.D. (Rensselaer Polytechnic Institute) Associate Professor, School of Computing

Allan N. Sander, Ph.D. (Florida State University) Professor, Department of Foundations and Secondary Education (Physical Education)

Thobias Sando, Ph.D. (Florida State University) Assistant Professor, School of Engineering

Elinor A. Scheirer, Ph.D. (Ohio State University) 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) Associate Professor, School of 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, Department of World Languages (French)

Cynthia G. Scott, Ph.D. (Southern Illinois University) Associate Professor, Department of Public Health (Rehabilitation Counseling)

Kyle Scott, Ph.D. (University of Houston) Visiting Assistant Professor, Department of Public Administration and Political Science

Reneé S. Scott, Ph.D. (University of California - Berkeley) Professor, Department of World Language

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

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) Director, Center for Economic Education; Professor, Department of Economics and Geography (Economics)

Sherry L. Shaw, Ed.D. (University of Memphis) Associate Professor, Department of Exceptional Student and Deaf Education

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

Suzanne L. Simon, Ph.D. (New School University) Assistant Professor, Department of Sociology and Anthropology

A. Russell Smith, Ed.D., P.T., O.C.S., (University of North Florida) Chair, Associate Professor, Department of Athletic Training and Physical Therapy (Physical Therapy)

G. Pritchy 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 (English)

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

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)

Jeffrey W. Steagall, Ph.D. (University of Wisconsin at Madison) Associate Dean of the Coggin College of Business; Richard deRaismes Kip Professor of International Business; Professor, Department of Economics and Geography (Economics) Director, International Business Program and Center for International Business Studies

Gerald J. Stine, Ph.D. (University of Delaware) Professor, Department of Biology

Carolyn B. Stone, Ed.D. (University of Florida) Program Leader; Professor; Graduate Coordinator for School Counseling and Mental Health Counseling, Department of Leadership, Counseling and Instructional Technology (Counselor 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 (English)

Jennifer Stuber, Ph.D. (Indiana University) Assistant Professor, Department of Sociology and Anthropology (Sociology)

Stanley L. Swart, Ph.D. (Northwestern University) Associate Professor, Department of Criminology and Criminal Justice

Alissa Hurwitz Swota, Ph.D. (University at Albany, State University of New York) Assistant Professor, Department of Philosophy

Susan M. Syverud, Ph.D. (University of Wisconsin at Madison) Assistant Professor, Department of Exceptional Student and Deaf Education

Charles A. Thigpen, Ph.D., PT, ATC, (University of North Carolina - Chapel Hill) 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)

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

Ma Teresa Tuason, Ph.D. (State University of New York, Albany) Associate Professor, Department of Psychology

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

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

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

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

Clement J. Van Nagel, Ph.D. (University of Pittsburgh) Professor, Department of Exceptional Student and Deaf Education

Susan Vasana, Ph.D. (Queen's University) Associate Professor, School of Engineering (Electrical Engineering)

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

Jacob M. Vigil, Ph.D. (University of Missouri-Columbia) Assistant Professor, Department of Psychology

Rico L. Vitz, Ph.D. (University of California) Assistant Professor, Department of Philosophy

William R. Voorhees, Ph.D. (Indiana University at Bloomington) Assistant Professor, Department of Political Science and Public Administration

Bobby E. Waldrup, Ph.D. (University of Mississippi) **C.P.A.,** Associate Professor, Department of Accounting and Finance (Accounting)

F. Layne Wallace, Ph.D. (University of North Texas) Associate Professor, School of Computing

Dongyuan "Debbie" Wang, Ph.D. (Purdue University) Associate Professor, Department of Psychology

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

Julia A. Watkins, Ph.D. (University of South Carolina) Associate 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 Education)

Sally Weerts, Ph.D. (University of Minnesota) Assistant Professor and Director of the Undergraduate Nutrition Program, Department of Public Health (Nutrition)

Casey Welch, Ph.D. (University of Illinois) Visiting Assistant Professor, Department of Criminology and Criminal Justice

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

Patrick Welsh, Ph.D. (Florida State University) Associate Professor of Engineering and Executive Director of the Advanced Weather Information Systems (AWIS) Laboratory, School of Engineering

Jennifer K. Wesely, Ph.D. (Arizona State University) Assistant Professor and MSCJ Program Director, 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)

David Whittinghill, Ph.D. (University of Florida) Assistant 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) Professor, Department of Public Health

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

Jeffry Will, Ph.D. (University of Massachusetts-Amherst) Associate Professor, Director of Center for Community Initiatives, Department of Sociology and Anthropology (Sociology)

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

Nancy L. Winterbauer, Ph.D. (State University of New York at Binghamton) Research Assistant Professor, Department of Sociology and Anthropology (Anthropology)

Charles N. Winton, Ph.D. (University of North Carolina at Chapel Hill) Professor and Director of Graduate Program in Computing, School of Computing

Peter Wludyka, Ph.D. (Clemson University) Professor, Department of Mathematics and Statistics (Statistics)

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

John Woolschlager, Ph.D. (Northwestern University) Associate Professor, School of Engineering

Mark E. Workman, Ph.D. (University of Pennsylvania) Provost and Vice President for Academic Affairs; Professor, Department of English (Literature and Folklore)

Gabriel J. Ybarra, Ph.D. (University of Wisconsin - Milwaukee) Assistant Professor, Department of Psychology

Pamela A. Zeiser, Ph.D. (Claremont Graduate University) Associate Professor, Department of Political Science and Public Administration (Political Science)

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

Mei Zhao, Ph.D. (Virginia Commonwealth) Assistant Professor, Department of Public Health (Health Administration)

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

Eddie L. Collins, Ph.D. (University of Florida) Assistant Professor, Department of Sociology and Anthropology (Sociology)

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) **C.P.A., C.M.A.,** Professor Emeritus of Accounting

Andrew Farkas, M.L.S. (University of California — Berkeley) Director Emeritus, University Library; Distinguished Professor, 1991

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

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

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

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

Bruce A. Gutknecht, Ed.D. (Wayne State University) Professor, Division of Curriculum and Instruction (Reading Education)

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

Gary L. Harmon, Ph.D. (Indiana University) Professor Emeritus of English and Chair, Department of World Languages

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

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

Virginia 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

Roy Singleton Jr. Ed.D. (University of Florida) Associate Professor, Division of Curriculum and Instruction (Reading and Language Arts Education, Elementary and Secondary Education Curricula)

William R. Slaughter, Ph.D., (Perdue University) Professor, Department of Englilsh; Distinguished Professor 1990

Bette J. Soldwedel, Ed.D. (New York University) Professor Emeritus of Education; Distinguished Professor, 1979 (deceased)

Ann H. Stoddard, Ed.D. (University of Georgia) Professor Emeritus of Education

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

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

Susan R. Wallace, Ph.D. (University of North Texas) Associate Professor, School of Computing

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) **C.P.A.,** 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

Florida Board of Governors

Carolyn K. Roberts, Chair
Sheila M. McDevitt, Vice Chair
Eric Smith, Education Commissioner
Judith Solano, Faculty Representative
John Dasburg
Ann W. Duncan
Charles "Charlie" Edwards
J. Stanley Marshall
Frank Martin
Arthur "AJ" Meyer, Student Representative
Lynn Pappas
Ava L. Parker
Tico Perez
Gus Stavros
John W. Temple
Norman Tripp
Zachariah P. Zachariah

University Board of Trustees

Dr. R. Bruce Taylor, Chair
Waynonyi J. Kendrick, Vice Chair
Dr. Edythe M. Abdullah
Luther W. Coggin
Toni Crawford
Wilfredo Gonzalez
A. Hugh Greene
Ann C. Hicks
Joy G. Korman
Joan W. Newton
Kevin M. Twomey
Dr. William Klostermeyer, Faculty Trustee
John Barnes, Student Trustee

Appendix B
Sexual Harassment Regulation

I. OBJECTIVE & PURPOSE

The University of North Florida is committed to providing all members of the University community, including students, faculty, staff, vendors, visitors or others, an environment where they can work, study and interact with each other free from any form of sexual harassment.

II. STATEMENT OF REGULATION

A. Definition of Sexual Harassment

For the purposes of this regulation, sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, or other verbal (including written and electronic communications) or physical conduct of a sexual nature from any person when:

1. Submission to such conduct or request is made either explicitly or implicitly a term or condition of a student's status in a course, program, or activity; or of academic achievement; or
2. Submission to such conduct or request is made either explicitly or implicitly a term or condition of an individual's employment, salary increase, position advancement, or other employment-related benefits; or
3. Submission to or rejection of such conduct or request by an individual is used as the basis for an academic decision or employment decision affecting such individuals; or;
4. Such conduct is sufficiently serious (i.e., severe, persistent or pervasive) to deny or limit a student's ability to participate in or benefit from the University's educational programs or activities or such conduct is sufficiently severe or pervasive so as to alter the conditions of, or have the purpose and effect of substantially interfering with, a faculty or staff member's employment by creating an intimidating, hostile or offensive working environment.

In determining whether alleged conduct constitutes sexual harassment in violation of this regulation, the conduct will be evaluated from the perspective of a reasonable person in the alleged victim's position considering the totality of the circumstances, such as the nature of the alleged conduct and the context in which the alleged conduct occurred. Accordingly, consideration will be given to free speech and academic freedom within an academic context. For example, expression that is intended to facilitate discourse or debate in a classroom setting or open debate forum may be considered appropriate, but similar expression in the workplace may be unwelcome and inappropriate in the context of communications between employees.

B. Examples of Sexual Harassment

Sexual harassment can take many forms, but common examples of unwelcome conduct which can be found to be sexually harassing include:

- Inappropriate touching or brushing against the body of another including, but not limited to patting, fondling, massaging, caressing, pinching, attempted or actual kissing.
- Requesting sex or sexual acts in exchange for an occupational or educational benefit.
- Repetitive propositions, invitations, or pressure for sexual activity.
- Suggestive or inappropriate communications, notes, letters, e-mail, or other written materials.
- Displaying, transmitting or sending suggestive or inappropriate photographs, videos, computer images, slides, calendars, cartoons or drawings.
- Sexual innuendo, comments, or remarks about a person's clothing, body, or activities.
- Making suggestive or obscene gestures or making suggestive or insulting sounds.
- Whistling in a suggestive manner.
- Attempts at humor or the telling of jokes about sex that denigrate either gender.
- Actual or implied sexual threats.

C. Actions that do not Constitute Sexual Harassment

A postsecondary educational environment is unique in that there must be the freedom to express ideas and to foster communication on subjects that enhance the University's educational mission. Accordingly, while the University is committed to providing a learning environment that is free from sexual harassment, the purpose of this regulation is not intended to abridge academic freedom or to interfere with free speech as guaranteed by the First Amendment. As such, pursuant to this regulation sexual harassment does not include:

- The expression of ideas in an academic context to provoke thought or discussion on

topics germane to the course and advancement of the University's educational mission.
- Engagement in debate or discourse over issues that society may find to be unpopular, offensive or disagreeable.
- Discussing, using or displaying views, words, symbols or thoughts in an academic setting which are germane to the course and which some persons may find to be offensive.

Faculty must, however, be mindful that the courts have placed restraints on academic freedom at public institutions, such as UNF, and that conduct in the classroom cannot deny or limit a student's ability to participate in or benefit from the University's educational programs or activities. Further, while there is no "bright line" test regarding the appropriateness of the content of expression in an academic setting, all students, faculty and staff have an obligation pursuant to this regulation to conduct himself or herself in a "reasonable" manner in their interactions with other members of the University community.

III. REGULATION REQUIREMENTS

A. Responsibility to Comply with the Sexual Harassment Regulation.

All members of the University community are responsible for ensuring that their conduct does not sexually harass any other member of the University community. This same responsibility extends to, vendors, contractors (including the employees of third parties), visitors or others on the University's campus or at any University sponsored or University related function or activity.

B. Responsibility to Report Perceived or Actual Violations of the Sexual Harassment Regulation.

1. **Required Reporting:** All supervisors (defined for purposes of this Regulation as supervising one or more employees) are required to promptly report to the Office of Equal Opportunity Programs (EOP) (either verbally or through written communications) allegations, reports or instances of alleged sexual harassment by or against any person covered by this regulation. Additionally, all faculty with instructional responsibilities are required to promptly report to the EOP or alternatively to their department chair, dean or applicable academic administrator allegations, reports or instances of alleged sexual harassment by or against a student in violation of the University's Sexual Harassment Regulation. As supervisors, all academic administrators must then report the matter to the EOP (either verbally or through written communications).

2. **Responsibility of Community members:** To maintain an environment free from sexual harassment, the responsibility for reporting incidents of sexual harassment rests with all members of the University community. Thus, any employee, staff or faculty member, or student who believes another community member is being subjected to sexual harassment in violation of this Regulation is strongly encouraged to report any incident of sexual harassment they believe to be in violation of University's Sexual Harassment Regulation to their supervisor or directly to the EOP (As discussed above, all supervisors must report alleged incidents of conduct in violation of the University's Sexual Harassment Regulation to the EOP).

C. Amorous and Sexual Relationships: It is not uncommon for University community members who study, work or interact together to develop caring relationships. However, when persons in positions of unequal power engage in amorous or sexual relationships (e.g., between a supervisor and an employee, faculty member and student, or staff member and student) the person of greater power places himself or herself at risk of being accused of sexual harassment, either during the relationship or after the relationship ends. Accordingly, the University has adopted a policy prohibiting amorous or sexual relationships where one individual in the relationship is in a position to exercise authority such that it would impact the educational or work performance of the other individual. (see Amorous and Sexual Relationships Policy).

IV. REGULATION PROCEDURES

A. Seeking Guidance Regarding this Regulation.

Any member of the University community who believes that he or she has been subjected to sexual harassment; any member of the community who believes that he or she has been subjected to retaliation related to an allegation of sexual harassment; or any member of the community who believes that others have been subjected to sexual harassment in violation of this regulation, may seek guidance, counseling or file a complaint in accordance with this regulation by contacting: Director, Office of Equal Opportunity Programs,

University of North Florida, J. J. Daniel Hall, Room 2400, 1 UNF Drive, Jacksonville, Florida 32224-7699, (904) 620-2507 Voice & TDD and (904) 620-1004 Fax.

B. Complaint Procedure.
Allegations of violation of this regulation including the actual filing of a complaint of sexual harassment will be addressed by the Director in accordance with the EOP Complaint and Investigation Procedures. A copy of the EOP Complaint and Investigation Procedures can be obtained at the EOP Office, on the EOP website or as posted with the comprehensive listing of the University's regulations and policies.

V. WHERE TO GET HELP

In addition to contacting the EOP office, any of the following offices at the University of North Florida may be contacted for information or assistance regarding matters involving sexual harassment:

UNF Counseling Center
Founders Hall (Bldg. 2), Room 2068
(904) 620-2602

UNF Women's Center
Andrew A. Robinson Student Life Center
(Bldg. 14), Room 2623
(904) 620-2528

Office of Human Resources
J.J. Daniel Hall (Bldg. 1), Room 1000
(904) 620-2903

Office of Student Affairs
Founders Hall (Bldg. 2) Room 2091
(904) 620-2600

Office of the General Counsel
J.J. Daniel Hall (Bldg. 1), Room 2100
(904) 620-2828

Employee Assistance Program
Corporate Care Works
8665 Baypine Road, Suite 100
Jacksonville, Florida 32256
(904) 296-9436 (800) 327-9757
www.corporatecareworks.com

If fear of physical safety, threats, or assault is involved contact:

University Police Department
Police Station (Bldg. 41)
(904) 620-2801

or

University's Office of the Victim Advocate
(located within the Women's Center)
Andrew A. Robinson Student Life Center
(Bldg. 14) Room 2623
(904) 620-2528

Appendix C
Security Policies and Crime Statistics

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 (904) 620-2800.

Off-Campus Police Emergency Phone Number in Duval County Dial 9-1-1

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

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

The Police Department has an excellent working relationship with all local law enforcement agencies assuring the delivery of professional police services. The Florida Department of Law Enforcement and other State agencies are available to assist upon request. Communication and coordination with all area law enforcement agencies are maintained on a 24-hour basis via computer networks, such as the Florida Crime Information Center and the National Crime Information Center.

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 by reporting potential safety and security hazards, conducting campus lighting surveys, and reporting outages.

Emergency Notification Service: UNF has established an Emergency Notification Service to inform all members of the University community of serious crimes, such as murder, rape/sexual assault, robbery and aggravated assault, which occur on campus. This service is activated by the Police Department through the media of the University as soon as these incidents are reported.

Crime Prevention Responsibilities/Programs

The Department of Police and Public Safety encourages all students, faculty, and staff to be involved in campus crime prevention. The University of North Florida's crime prevention programs range from crime prevention presentations to on-sight inspections.

University Police participate in more than 20 crime prevention presentations throughout the University community. Crime prevention brochures, posters, and handouts are utilized in an effort to make all members of the campus community aware of the potential for crime. The media is also used as a means for presenting information to the various constituents served by the Police Department. The student newspaper carries crime prevention tips and other noteworthy news items about crime.

The University Police are available to provide custom-tailored crime prevention programming as needed to address specific on-going problems.

UNF's Drug Free Schools and Community Program

UNF is committed to providing an orderly and safe environment for all students, faculty, and staff. The University advises all community members that it is unlawful to manufacture, distribute, dispense, possess and/or use illegal drugs on its premises. Any violation of the preceding may be cause for disciplinary action and referral for criminal prosecution. (Please refer to the UNF Drug and Alcohol Education Policy brochure or the UNF Student/Parent Handbook.)

The use of alcoholic beverages by members of the University community is subject to the Alcohol Beverage Laws of the State of Florida and UNF Alcohol Policy and Guidelines. Specifically, it is unlawful for any person to sell, give, serve, or permit to be served alcoholic beverages to a person under 21 years-of-age or to consume said beverages on licensed premises. It is also unlawful for any person to misrepresent or misstate his or her age or the age of any other person for the purpose of inducing any licensee or his agents or employees to sell, give, serve or deliver any alcoholic beverage to a person under 21 years-of-age. A violation of the preceding may be cause for UNF disciplinary action as well as criminal prosecution.

Weapons

Florida State Statutes 790.06(12) and 790.115 forbid any person from carrying a firearm on a university campus. Firearms are not permitted on the UNF campus.

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act

(Formerly known as the Campus Security Act of 1990) Requires all postsecondary institutions to prepare, publish and distribute certain information regarding campus crimes and policies relating to security. Campus crime or security policy information may be obtained by contacting the Department of Police and Public Safety.

Crime Statistics

The Police Department submits semi-annual Uniform Crime Report data to the Florida Department of Law Enforcement. They also regularly disseminate information concerning the incidence of crime through on-campus media. The data is ultimately published by the FBI in the Uniform Crime Report. The following chart reflects the number of crimes reported for selected offenses as required by Federal law. Definitions of the selected offenses are available by contacting the Police Department. These definitions are also available on the internet at: www.unf.edu/dept/upd

Other information about crime may be obtained from the Department of Police and Public Safety.

Sexual Offender/ Predator Information

A database of sexual offenders/predators is maintained by the Florida Department of Law Enforcement (FDLE). The address is: FDLE, Sexual Offender/Predator Unit, PO Box 1489, Tallahassee, FL 32302-1489, phone: (toll free) 1-888- FL-PREDATOR (357-7332). You can access the sexual offender/predator database at: www.flsexoffender.net

Crimes Reported to UNF Police Department

Reported in accordance with Uniform Crime Reporting Program
and the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act

	Total Crimes Reported UNF Campus Buildings or Property - Other Housing/Residence Hall - Res						Non-Campus Building or Property: Any building owned/controlled by the University or student organizations, in direct support of institution for educational purposes.			Public Property: All public property including thoroughfares, streets, sidewalks, and parking facilities adjacent to and accessible from the campus.			**Total** Uniform Crimes Reported		
Offense Type (includes attempts)	2005		2006		2007		2005	2006	2007	2005	2006	2007	2005	2006	2007
	Other	Res	Other	Res	Other	Res									
Murder/Homicide	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manslaughter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forcible Sex/Rape	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Forcible Sex/Rape	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Robbery	0	0	0	1	0	1	0	0	0	0	0	2	0	0	3
Aggravated Assault	0	0	0	3	0	1	0	0	0	0	0	0	0	0	1
Burglary	1	5	2	8	0	1	0	0	0	0	0	0	6	6	15
Arson	0	1	0	1	14	0	0	0	0	0	0	0	1	1	0
Motor Vehicle Theft	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1
Hate Crimes (by prejudices)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Race	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Religion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sexual Orientation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ethnicity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disability	0	0	0	0	0	0	0	0	0	0	0	0	0		0

Number of Arrests/Referrals - Selected Offenses

Liquor Law Violations:															
Arrest	4	51	0	96	0	72	0	0	0	0	0	0	55	96	72
Referral	2	103	0	156	0	175	0	0	0	0	0	0	105	156	175
Drug Law Violations:															
Arrest	16	49	0	48	0	28	0	0	0	0	0	0	65	48	28
Referral	0	21	0	12	0	25	0	0	0	0	0	0	21	12	25
Weapons Law Violations:															
Arrest	0	1	0	2	0	0	0	0	0	0	0	0	1	2	0
Referral	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Appendix D
Alphabetical Course Listing

Prefix	No.	Title	Page
ACG	6305	Management Accounting	90
ACG	6309	Advanced Managerial Accounting Theory	90
ACG	6405	Advanced Accounting Information Systems	90
ACG	6505	Not-For-Profit Accounting	90
ACG	6645	Auditing Theory	90
ACG	6805	Advanced Accounting Theory	90
ACG	6838	Accounting Fraud	90
ACG	6905	Advanced Studies in Accounting	90
ACG	6936	Special Topics in Accounting	90
ACG	6957	Study Abroad in Accounting	90
AMH	5116	Early America	126
AMH	5137	American Revolution/Constitution	127
AMH	5159	Age of Jefferson and Jackson	127
AMH	5176	Civil War/Reconstruction	127
AMH	5207	The United States Since World War I	127
AMH	5229	Gilded Age/Progressive Era	127
AMH	5235	U.S. in the 1920s	127
AMH	5395	Mark Twain's America	127
AMH	5405	History of the New South	127
AMH	5424	Florida History	127
AMH	5429	Local History	127
AMH	5446	The Frontier in American History	127
AMH	5515	U.S. in World Affairs	127
AMH	5675	Atlantic Slave Trade	127
AMH	5677	The Civil Rights Movement	127
AMH	5934	Selected Topics: US History	127
AMH	6256	Era of World War II	127
AMH	6935	Directed Reading in American History	127
AMH	6936	Seminar in American History	128
AML	6455	Studies in American Literature	125
ART	5930C	Special Topics in Art	122
ASH	5225	Islamic History to 1798	128
ASH	5445	Japan Before 1868	128
ASH	5447	Japan After 1868	128
ASH	5935	Special Topics: Asian History	128
ASH	6935	Directed Reading in Asian History	128
ASH	6936	Seminar in Asian History	128
ASL	6215	Advanced American Sign Language Conversational Skills	180
ASL	6415	Sign Communication for the Classroom	180
BCH	5025C	Biochemistry	123
BCH	6876C	Membrane Biology	122
BCN	6595	Environmental Issues in Land Development and Construction	152
BCN	6728	Construction Planning and Scheduling	152
BCN	6748	Construction Law	152
BSC	5099C	Advanced Physiology	122
BSC	5905	Directed Independent Study: Biology	122
BSC	5931	Advanced Readings in Biology	122
BSC	5936	Selected Topics in Biology	122
BSC	6098C	Environmental Physiology	122
BSC	6931	Advanced Readings in Biology	122
BSC	6971	Graduate Thesis Defense	122
BSC	6972	Graduate Thesis Research	122
BUL	5810	Law and Business Environment	92
BUL	6840	Employment Law	92
BUL	6850	Legal Aspects of International Business	93
BUL	6890	Special Topics in Law	93
BUL	6904	Directed Individual Studies in Business Law	93
CAP	5605	Introduction to Artificial Intelligence	152
CAP	5661C	Introduction to AI Robotics	152
CAP	5715	Computer Graphics	152
CAP	5771	Data Mining	152
CAP	5805	Discrete Systems Modeling and Simulation	152
CAP	6100	Interface Design and Implementation	152
CAP	6400	Graphics Image Recognition and Manipulation	152
CAP	6671	Intelligent Systems	152
CCJ	5050	Pro-Seminar in Deviance, Criminology, and Criminal Justice	124
CCJ	5346	Crisis Intervention and Collective Behavior	124
CCJ	5456	Criminal Justice Administration Theory and Practice	124
CCJ	5475	Criminal Justice Planning and Evaluation	124
CCJ	5635	Comparative Criminal Justice Systems	124
CCJ	5646	Organized Crime	124
CCJ	5665	Victimology	124
CCJ	5668	Elite Crime	124
CCJ	5684	Family Violence	124
CCJ	5692	Women and Crime	124
CCJ	5743	Supervised Research	124
CCJ	5930	Issues in Modern Criminal Justice	124
CCJ	5934	Special Topics in Criminal Justice	124
CCJ	6053	Criminal Justice Systems	124
CCJ	6059	Advanced Criminological Theory	125
CCJ	6705	Advanced Methods of Criminological Research	125
CCJ	6706	Quantitative Research Methods	125
CCJ	6709	Qualitative Research Methods	125
CCJ	6906	Directed Independent Study	125
CCJ	6944	Graduate Supervised Teaching Experience in Criminal Justice	125
CCJ	6946	Graduate Practicum in Criminal Justice	125
CCJ	6974	Thesis/Demonstration Project	125
CDA	5106-	Introduction to Computer Architecture	153
CDA	5106L	Introduction to Computer Architecture Laboratory	153
CDA	6011	Web Engineering	153
CEG	5304	Applied Engineering Geology	155
CEG	6016	Advanced Geotechnical Engineering	155
CEG	6018	Applied Computational Geotechnics	155
CEG	6118	Advanced Foundation Engineering	155
CEG	6320	Drilled Shaft Foundations in Rock	155
CEG	6515	Slope Stability	155
CEG	6806	Ground and Site Improvement	155
CEN	6016	Engineering of Software I	153
CEN	6017	Engineering of Software II	153
CEN	6070	Software Quality Assurance and Testing	153
CEN	6940	Software Engineering Practicum	153
CES	5105	Advanced Mechanics of Materials for Civil Engineers	156
CES	5326	Bridge Engineering	156
CES	5706	Advanced Reinforced Concrete	156

CES 6116 Finite Element Structural Analysis 156
CES 6144 Advanced Structural Analysis 156
CES 6715 Prestressed Concrete 156
CGN 5932 Special Topics in Civil Engineering 156
CGN 6933 Special Topics in Civil Engineering 156
CGN 6970 Civil Engineering Master's Thesis 156
CGN 6974 Civil Engineering Master's Project 156
CHM 5931 Selected Topics in Chemistry 123
CIS 5105 Systems Performance and Evaluation 153
CIS 5865 Spatial Information Systems Administration 153
CIS 5870C Introduction to Spatial Information Systems 153
CIS 5871C Advanced Spatial Information Systems 153
CIS 5930 Special Topics in Computer and Information Sciences 153
CIS 5935 Seminar 154
CIS 5949 Experiential Studies in Computing 154
CIS 6101 Software Processes and Metrics 154
CIS 6302 Distributed and Internet Systems 154
CIS 6516 Managing Software Projects and Personnel 154
CIS 6900 Directed Individual Study 154
CIS 6910 Project 154
CIS 6930 Special Topics in Computer and Information Sciences 154
CIS 6935 Seminar 154
CIS 6970 Thesis 154
CJC 5020 History and Philosophy of Corrections 125
CJC 5420 Counseling Applications in Criminal Justice 125
CJE 6209 Law, Deviance, and Social Control 125
CJE 6268 Minorities and Crime 125
CJJ 5586 Working with Juveniles and Youthful Offenders 125
CJL 5120 Criminal Law and Procedure in the Criminal Justice System 125
CLP 6166 Psychopathology 136
CLP 6441C Individual Intelligence Testing 136
CLP 6445C Individual Personality Testing 136
CLP 6459 Principles of Sex Therapy 136
CNT 5505 Computer Networks and Distributed Processing 154
CNT 6707 Network Architecture and Client/Server Computing 154
COP 5615 Operating Systems 154
COP 5625 Construction of Language Translators 154
COP 5716 Data Modeling and Performance 154
COP 5819 Internet Programming 154
COP 6557 Programming Language Design Paradigms 155
COP 6611 Advanced Operating Systems 155
COP 6616 Parallel Computing 155
COP 6711 Database Engineering and Administration 155
COP 6735 Developments in Database Structures 155
COT 5405 Algorithms and Complexity 155
COT 5561 Applied Graph Theory 155
COT 6416 Computational Complexity 155
CRW 6025 Selected Topics in Creative Writing 126
CRW 6130 Fiction Workshop 126
CRW 6331 Poetry Workshop 126
CWR 5305 Stormwater Management 156
CWR 5545 Water Resources Systems 156
CWR 6150 Engineering Hydrology 156
CWR 6236 River Engineering and Sediment Transport 156
DEP 6055 Human Development 137
DIE 6127 Advanced Administration of Food and Nutrition Services 72
DIE 6248 Clinical Nutrition 72
DIE 6940 Clinical Practice in Nutrition and Dietetics 72
EBD 6015 Nature and Needs of Learners with Emotional Handicaps 180
EBD 6221- Behavior Management of Learners with Emotional Handicaps 180
EBD 6235 Curriculum for Students with Emotional Handicaps 180
EBD 6242 Advanced Strategies:Emotionally Handicapped 180
ECO 5115 Introduction to Economic Analysis 92
ECO 6257 Economic Policy 92
ECO 6415 Making Decisions with Data 92
ECO 6705 The Global Economy 92
ECO 6708 Economics of Global Trading 92
ECO 6906 Directed Individual Studies 92
ECO 6930 Special Topics in Economics 92
ECO 6957 Study Abroad in Economics 92
ECP 6205 Human Resource Economics 92
ECP 6705 Economics of Business Decisions 92
EDA 6061 Introduction to Educational Leadership 185
EDA 6191 Team Leadership 185
EDA 6196 Leadership for Learning Organizations 185
EDA 6199 International Perspectives of Educational Leadership 185
EDA 6208 Organization and Leadership in Higher Education 185
EDA 6215 Developing School and Community Resources 185
EDA 6232 Law & Ethics in Educational Leadership 185
EDA 6242 School Finance 185
EDA 6271 Technology and Educational Leadership 185
EDA 6302 Lifelong Learning and Professional Development 185
EDA 6330 Administration and Management of Student Services 185
EDA 6503 The School Principal 186
EDA 6910 Individual Study and Research 186
EDA 6930 Grants Development and Project Design 186
EDA 6931 Special Topics 186
EDA 6935 St: Applied Transformation of Conflict 186
EDA 6945 Practicum in Educational Leadership 186
EDA 7190 The Evolving Idea of the Educational Leader 186
EDA 7192 Leadership: The Group/Team Context 186
EDA 7193 Educational Leadership IV: Leadership Change 186
EDA 7194 Seminar in Educational Policy 186
EDA 7262 Educational Leadership III: Organizational Theory and Design 186
EDA 7400 Research in Educational Leadership: Quantitative Method 186
EDA 7410 Research in Educational Leadership: Qualitative Method 186
EDA 7420 Foundations of Research in Educational Leadership 186
EDA 7421 Inquiry into Research in Educational Leadership 186
EDA 7905 Individual Study and Research 186
EDA 7945 Practicum: Leadership Assessment and Development 187
EDA 7979 Research Seminar in Educational Leadership 187
EDA 7980 Doctoral Dissertation Research 187
EDE 6225 The Elementary School Curriculum 178
EDE 6910 Directed Individual Study and Research 178
EDE 6940 Professional Laboratory Experiences 178
EDF 5608 Sociological Bases of Education 183
EDF 6114 Growth and Development of the Learner 187
EDF 6211 Advanced Educational Psychology 183
EDF 6442 Assessment in the Curriculum 183

EDF 6480 Foundations of Educational Research 187
EDF 6495 Research in Counseling 187
EDF 6607 Education in America 187
EDF 6687 Multicultural and Urban Foundations of Education 183
EDF 6905 Research: Studies in Education 183
EDF 6971 Research for Master's Thesis 183
EDF 7215 Psycho-Social Aspects of Learning and Instruction 187
EDF 7545 Philosophy of Education 187
EDF 7635 Cultural and Social Foundations of Education 187
EDG 5935 Seminar: Studies in Education 183
EDG 6250 Instructional Strategies in the Curriculum 183
EDG 6285 Fundamentals of Program Evaluation 187
EDG 6287 Principles of School Accountability and Assessment 187
EDG 6325 General Education Competencies Models of Teaching 184
EDG 6336 Improvement of Instruction 184
EDG 6380 Supervision of Preservice Teachers 184
EDG 6403 Foundations of Conflict Transformation 187
EDG 6455 Storytelling 178
EDG 6625 Curriculum Leadership in Schools 187
EDG 6626 Curriculum and Instruction for Adult Learning 184
EDG 6632 Multicultural Content in School Curriculum 184
EDG 6735 Cultural Learning Styles of Minority Students 184
EDG 6757 Teaching Linguistically Diverse Students 184
EDG 6906 Individual Study and Research 184
EDG 6911 Action Research in Education 187
EDG 6923 Curriculum Readings 184
EDS 6050 Instructional Leadership 188
EDS 6130 Human Resource Development in Education 188
EEC 6205 Curriculum and Instruction in Primary Education 178
EEC 6611 Primary Education 178
EEC 6944 Practicum in Primary Education 178
EEE 5316L Advanced Electronics 157
EEL 5060 High Tech Entrepreneurship 157
EEL 5500 Digital Communications 157
EEL 5500L- Digital Communications Laboratory 157
EEL 5511 Communication Systems 157
EEL 5513 Introduction to Digital Signal Processing 157
EEL 5563 Fiber Optics 157
EEL 5613 State Space Control Systems 157
EEL 5722C Digital Design 157
EEL 5764C Digital Computer Architecture 157
EEL 5820 Digital Image Processing 157
EEL 5934 Special Topics in Electrical Engineering 157
EEL 6521 Advanced Digital Communications 157
EEL 6521L Advanced Digital Communications Laboratory 158
EEL 6532 Information Theory and Error Correction Coding 158
EEL 6558 Advanced Topics in Signal Processing 158
EEL 6568 Optical Systems and Networks 158
EEL 6591 Wireless/Mobile Communications 158
EEL 6650 Control and Instrumentation 158
EEL 6651 Motion Control 158
EEL 6735 Computer System Design 158
EEL 6749 Embedded Systems Design 158
EEL 6825 Pattern Recognition 158
EEL 6925 Master's Project 158
EEL 6935 Special Topics in Electrical Engineering 158
EEL 6972 Master's Thesis 158
EEX 5053 Foundations of Special Education 180
EEX 6025 Issues and Trends in Special Education 180
EEX 6052 Nature, Needs, and Curriculum: Students with Varying Exceptionalities 180
EEX 6063 Preschool Programming for the Exceptional Child 180
EEX 6203 Developmental Variations 180
EEX 6225 Special Education Generic Competencies: Laboratory in Evaluation 180
EEX 6234 Teaching Students with Moderate and Severe Disabilities 180
EEX 6239 Preschool Assessment of Exceptional Child 180
EEX 6256 Language Arts for the Learning Impaired Student 180
EEX 6259 Literacy Strategies for Students with Mild Disabilities 181
EEX 6283 Social, Personal, and Career Skills for Exceptional Students 181
EEX 6301 Research in Special Education 181
EEX 6402 Communication, Collaboration, and Consultation Skills for Special Education 181
EEX 6602 Behavior Management of the Maladaptive and Disruptive Child 181
EEX 6615 Intervention Techniques for Dealing with the Verbally and Physically Agressive Individual 181
EEX 6625 Educational Management of Exceptional Students 181
EEX 6732 Facilitation of Parent Interaction 181
EEX 6841 Practicum in Special Education 181
EEX 6911 Independent Study and Research 181
EEX 6926 Advanced Study in Special Curriculum for the Exceptional Student 181
EEX 6936 Advanced Seminar: Current Topics in Special Education 181
EGI 6051 Nature and Needs of the Gifted 181
EGI 6231 Curriculum and Programming for the Gifted 181
EGI 6246 Educating Special Populations of the Gifted 181
EGI 6305 Theory and Development of Creativity 181
EGI 6415 Counseling for the Education of the Gifted 181
EGN 6333 Advanced Mechanics of Materials 158
EGN 6456 Advanced Engineering Analysis 156
EHD 5341 Curriculum and Instruction for the Deaf or Hard of Hearing 182
EHD 6241 Language Instruction for the Deaf or Hard of Hearing 182
EHD 6242 Teaching Speech to the Hearing Impaired Child 182
EHD 6281 Teaching Speech Practicum 182
EHD 6343 Reading Instruction for the Deaf or Hard of Hearing 182
EHD 6361 Math/Science/Social Studies Instruction for the Deaf 182
ELD 6015 Foundations of Learning Disabilities 182
ELD 6141 Advanced Literacy Strategies:Learning Disabilities 182
ELD 6236 Curriculum and Programming for the Learning Disabled 182
EME 5403 Technology in Education 188
EME 6050 Enhancing Instruction with Technology 188
EME 6052C Technology, Education, and Culture 188
EME 6405 Educational Web Design 188
EME 6409 Interactive Distance Education 188
EME 6418 Educational Multimedia 188
EME 6441 Technologies for Special Populations 188
EME 6601 Instructional Design and Applications 188
EME 6628 Educational Technology Systems 188
EME 7415 Educational Design for Digital Media 188

EML 5105 Classical and Statistical Thermodynamics 158
EML 5131 Combustion Phenomena 158
EML 5211 Introduction to Continuum Mechanics 159
EML 5315 Advanced Control System Theory 159
EML 5403 Fuel Cells 159
EML 5508 Finite Element Modeling and Analysis 159
EML 5606 Air Conditioning and Refrigeration 159
EML 5808 Robotics Engineering II 159
EML 5932 Special Topics in Mechanical Engineering 159
EML 6311 Modern Control Engineering 159
EML 6417 Solar Energy Devices 159
EML 6451 Energy Conversion 159
EML 6556 Mechanical Engineering Master's Project 159
EML 6809 Intelligent Planning for Robotic Systems 159
EML 6933 Special Topics in Mechanical Engineering 159
EML 6972 Mechanical Engineering Master's Thesis 159
EMR 6012 Foundations of Mental Retardation 182
EMR 6256 Advanced Functional Literacy Strategies: Mental Retardation 182
EMR 6335 Curriculum, Methods, and Materials for Students Who are Mentally Handicapped 182
ENC 6700 Theory of Composition 126
ENG 6018 History of Literary Criticism and Theory 126
ENG 6019 Contemporary Literary Criticism and Theory 126
ENG 6138 Studies in Film 126
ENG 6941 DIS: Practicum: Teaching Composition 126
ENG 6966 MA Exam 126
ENG 6971 Thesis 126
ENL 6455 Studies in British Literature 126
ENV 5640 Design of Water Quality Management Facilities 157
ENV 6510 Aquatic Chemical Processes 157
ENV 6511 Biological Treatment Systems in Environmental Engineering 157
ENV 6519 Physical/Chemical Treatment Systems in Environmental Engineering 157
ESE 6215 The Secondary School Curriculum 184
ESE 6947 Professional Laboratory Experiences 184
EUH 5125 The Crusades 128
EUH 5126 Medieval Europe 128
EUH 5149 Renaissance-Reformation 128
EUH 5207 20th Century Europe 128
EUH 5209 19th Century Europe 128
EUH 5246 World War I 128
EUH 5249 The Holocaust 128
EUH 5305 Byzantine History 128
EUH 5325 Eastern Europe 128
EUH 5406 Ancient Greece 128
EUH 5416 Ancient Rome 128
EUH 5457 Seminar on the French Revolution 129
EUH 5459 France Since 1789 129
EUH 5469 Modern Germany 129
EUH 5507 Modern Britain 129
EUH 5517 Tudor-Stuart England, 1485-1714 129
EUH 5537 The British Empire 129
EUH 5578 Imperial Russia 129
EUH 5579 Russia Since 1905 129
EUH 5685 Hitler and Stalin 129
EUH 5934 Selected Topics: European History 129
EUH 6695 European History and Historians I 129
EUH 6935 Directed Reading in European History 129
EUH 6936 Seminar in European History 129
EXP 6506 Learning and Cognition 137
FIN 5405 Essentials of Managerial Finance 90
FIN 6314 Banking and Financial Administration 90
FIN 6406 Advanced Financial Management 90
FIN 6515 Investments 90
FIN 6565 Student Managed Investment Fund I 90
FIN 6566 Student Managed Investment Fund II 91
FIN 6605 International Finance 91
FIN 6906 Special Work in Finance 91
FIN 6936 Special Topics in Finance 91
FIN 6957 Study Abroad in Finance 91
FLE 6665 Current Trends in Teaching Foreign Languages 184
FOL 5930 Topics in Foreign Language 140
GEB 6125 Advanced Small Business Consulting 93
GEB 6957 Study Abroad in Business 93
GEO 6506 Econ Geo & Geographical Info Systems 92
GEO 6906 Directed Individual Studies in Economic Geography 92
GEO 6936 Special Topics in Economic Geography 92
GEO 6956 Study Abroad in Geography 92
GEY 6623 Aging and Health Policy 72
HIS 5067 Public History 129
HIS 5302 History in Photography and Film 129
HIS 5496 History of Medicine and Disease 129
HIS 5934 Special Topics in History 129
HIS 6905 Directed Independent Study 129
HIS 6935 Special Topics in History 129
HIS 6946 Internship in History 129
HIS 6971 Thesis Research 129
HSA 5177 Health Care Finance 72
HSA 6114 Health Organization and Delivery 72
HSA 6126 Managed Health Care 72
HSA 6149 Health Planning and Marketing 72
HSA 6178 Advanced Health Care Financial Management 72
HSA 6186 Healthcare Leadership 72
HSA 6188 Capstone: Healthcare Strategic Management 72
HSA 6195 Advanced Health Systems Analysis 72
HSA 6196 Quantitative Analysis for Health Services 72
HSA 6197 Health Systems Analysis 72
HSA 6198 Health Information Technology 72
HSA 6225 Long-Term Care Administration 73
HSA 6342 Healthcare Human Resources 73
HSA 6385 Quality Management in Health Care 73
HSA 6425 Health Law 73
HSA 6435 Health Economics 73
HSA 6707 Research Methods for Health Administrators 73
HSA 6813 Aging Capstone 73
HSA 6815 Practicum: Executive Skill Development 73
HSA 6905 Health Policy 73
HSA 6908 Directed Independent Study 73
HSA 6945 Long Term Care Internship 73
HSA 6958 Study Abroad: Healthcare 73
HSC 5525 History of Medicine and Disease 73
HSC 5569 Aging Research and Theory 73
HSC 6138 Sexuality Education 73
HSC 6157 Drug Abuse & Violence Prevention Education 74
HSC 6175 Mental and Emotional Health Education 74
HSC 6215 Environmental Health and Safety 74
HSC 6505 Epidemiology and Disease Control 74
HSC 6509 Nutritional Epidemiology 74
HSC 6512 Applied Health Statistics 74
HSC 6526 Special Topics/Infectious & Noninfectious Diseases 74
HSC 6560 Aging and Health in a Multicultural Society 74
HSC 6566 Health Promotion, Disease Prevention and the Older Adult 74

HSC 6585 Health Promotion and Health Education Strategies 74
HSC 6586 Worksite Health Promotion Principles 74
HSC 6587 Program Planning in Health Promotion/Education 74
HSC 6603 Theory of Health Behavior 74
HSC 6635 International Health 74
HSC 6656 Professional Ethics in Health Care 74
HSC 6706 Grantsmanship 74
HSC 6712 Evaluation of Health Programs 74
HSC 6716 Health Program Evaluation 74
HSC 6735 Health Science Research 75
HSC 6737 Applied Research in Aging 75
HSC 6816 Field Experiences in Health 75
HSC 6855 Clinical Internship in Health 75
HSC 6900 Readings and Conference 75
HSC 6906 Independent Study and Research 75
HSC 6912 Projects 75
HSC 6928 Workshops in Health Science 75
HSC 6931 Special Topics 75
HSC 6934 Seminar 75
HSC 6970 Thesis 75
HUN 5265 Methods of Nutritional Assessment 75
HUN 5408 Life Span Nutrition 75
HUN 6123 Sociocultural Influences on Nutrition 75
HUN 6285 Nutrition and Metabolism I 75
HUN 6331 Nutrition and Metabolism II 75
HUN 6522 Advanced Public Health Nutrition 75
HUN 6612 Nutrition Education and Counseling 75
INR 6079 Terrorism and Public Safety 135
INT 5275 Interpreting Process and Skill Development II 182
INT 5457 Interpreting for Diverse Populations 182
INT 5954 Service Learning for Interpreters 182
INT 6206 Interpreter Training 183
INT 6276 Advanced Interpreting Process and Skill Development I 183
INT 6277 Advanced Interpreting Process and Skill Development II 183
INT 6911 Applied Research in Interpretation 183
INT 6932 Special Topics in Interpretation 183
INT 6944 Interpreting Internship 183
ISM 6021 Management of Information Technology 93
LAE 5330 Teaching Shakespeare's Plays 184
LAE 6315 Teaching Writing K-6 178
LAE 6319 Language Arts Methods for Elementary Teachers 178
LAE 6338 Teaching Writing 6-12 178
LAE 6339 Special Methods in Teaching English 184
LAE 6415 A Critical Review of Writing for Children 178
LAH 5205 Latin America 130
LAH 5426 Aztecs/Incas/Mayas 130
LAH 5715 Inter-American Relations 130
LAH 5775 Spirtual Conquest of Latin America 130
LAH 5934 Selected Topics: Latin American History 130
LAH 5955 Latin America Abroad 130
LAH 6935 Directed Reading in Latin American History 130
LAH 6936 Seminar: Latin American History 130
LIN 5743 ESOL Applied Linguistics 126
LIT 5934 Topics in Literature 126
LIT 6017 Studies in Fiction 126
LIT 6037 Studies in Poetry 126
LIT 6047 Studies in Drama 126
LIT 6246 Major Authors 126
LIT 6654 Comparative and World Literature 126
LIT 6905 Directed Independent Study 126
LIT 6934 Special Topics in Literature 126
LIT 6941 Practicum: Teaching Literature 126
MAA 6417 Complex Analysis 130
MAA 6938 Topics in Applied Analysis 130
MAD 6405 Numerical Analysis 130
MAE 6317 Teaching Elementary Mathematics Using Technology 178
MAE 6318 Mathematics for Elementary Teachers 178
MAE 6336 Special Methods in Teaching Mathematics 184
MAE 6871 Mathematical Connections 130
MAE 6878 Mathematical Applications Around Us 130
MAN 5036 Fundamentals of Management and Marketing 93
MAN 5936 Seminar: Studies in Economics and Business 93
MAN 6026 Project Management 93
MAN 6056 Cornerstones of Managing for Value 93
MAN 6067 Global Business Ethics 93
MAN 6204 Topics in Organizational Theory 93
MAN 6225 Organizational Measurement and Analysis 93
MAN 6305 Human Resource Management 93
MAN 6331 Compensation Management 93
MAN 6411 Labor Relations and Collective Bargaining 93
MAN 6445 Advanced Topics in Negotiations 93
MAN 6501 Modeling and Management of Operations 93
MAN 6525 Process Management and Quality Improvements 94
MAN 6559 Quantitative Management Analysis 94
MAN 6601 International Management 94
MAN 6606 Cultural Environment of Global Business 94
MAN 6626 Global Human Resource Management 94
MAN 6635 Managing Multinational Corporations 94
MAN 6656 Business Environment: United States 94
MAN 6666 Applied Intercultural Communication: United States 94
MAN 6667 Business Environment: Asia 94
MAN 6668 Applied Intercultural Communication: Asia 94
MAN 6675 International Business 94
MAN 6726 Advanced Business Policy 94
MAN 6785 E-Business Strategy 94
MAN 6875 Entrepreneurship and Venture Capital 95
MAN 6905 Directed Individual Studies in Management 95
MAN 6931 Special Topics in Management 95
MAN 6957 Study Abroad in Management 95
MAP 6336 Ordinary Differential Equations 130
MAP 6345 Partial Differential Equations 130
MAP 6385 Scientific Computing 130
MAP 6605 Topics in Financial Mathematics 130
MAP 6932 Topics in Optimization 131
MAR 6157 Import-Export Marketing 95
MAR 6158 International Marketing 95
MAR 6206 Marketing Channel Systems 95
MAR 6726 Marketing on the Internet: Strategies and Programs 95
MAR 6805 Marketing Strategy 95
MAR 6816 Strategic Marketing Planning 95
MAR 6916 Directed Individual Study 95
MAR 6933 Special Topics in Marketing 95
MAR 6957 Study Abroad in Marketing 95
MAS 6107 Advanced Linear Algebra 131
MAS 6311 Abstract Algebra 131
MAS 6933 Topics in Algebra 131
MAS 6938 Topics in Applied Algebra 131
MAT 5932 Special Topics in Mathematical Sciences 131
MAT 6908 Directed Individual Study 131

MAT 6933 Special Topics in Mathematical Science 131
MAT 6938 Seminar in Mathematics 131
MAT 6971 Thesis 131
MCB 5205 Pathogenic Bacteriology 122
MHS 5005 Introduction to Guidance 189
MHS 6006 Introduction to the Counseling Process 189
MHS 6070 Psychopathology 189
MHS 6201 Appraisal Procedures in Mental Health Counseling 189
MHS 6400 Individual Counseling 189
MHS 6401 Advanced Counseling 189
MHS 6402 Overview of Brief Counseling 189
MHS 6407 Theories of Counseling 189
MHS 6410 Behavior Management Skills 189
MHS 6421 Counseling Children and Adolescents 189
MHS 6428 Counseling Diverse Populations 189
MHS 6430 Introduction to Family Counseling 189
MHS 6431 Advanced Seminar in Family Counseling 189
MHS 6440 Counseling Couples 189
MHS 6450 Substance Abuse Counseling 189
MHS 6470 Sexual Issues in Counseling 190
MHS 6482 Personality and Life Span Development 190
MHS 6510 Group Counseling 190
MHS 6530 Group Leadership Skills for School Counselors 190
MHS 6539 Classroom Management Skills 190
MHS 6600 Seminar: Consultation Skills 190
MHS 6609 Advanced Consultation Skills 190
MHS 6610 Clinical Supervision in Counseling 190
MHS 6700 Legal, Ethical, and Professional Issues in Counseling 190
MHS 6780 Legal, Ethical, and Professional Issues in School Counseling 190
MHS 6800 Practicum in Mental Health Counseling 190
MHS 6830 Internship in Mental Health Counseling 190
MHS 6905 Directed Individual Study 190
MHS 6930 Special Topics in Counselor Education 190
MHS 6931 Contemporary Problems and Issues 191
MHS 6941 Prepracticum in Counseling 191
MMC 5935 Topics in Communications 124
MUE 5945 Graduate Internship in the Elementary School 179
MUE 6349 Special Methods in Teaching Music 184
MUE 6946 Graduate Internship in the Secondary School 179
MUS 5930 Special Topics in Music 132
NGR 5001C Health Assessment and Diagnostics 68
NGR 5052C Clinical Nurse Specialist I 68
NGR 5110 Theoretical Framework for Practice 68
NGR 5137 Culture and Health Care in Ireland 68
NGR 5141 Advanced Pathophysiology 68
NGR 5192 Pharmacotherapeutics 68
NGR 5601C Advanced Nursing Practice I 69
NGR 5770 Clinical Leadership I 69
NGR 5810 Nursing Research Methods 69
NGR 5931 Special Topics in Nursing 69
NGR 6010 Technology in Anesthesiology Nursing 69
NGR 6011 Chemistry and Physics of Anesthesiology Nursing I 69
NGR 6012 Chemistry and Physics for Anesthesiology Nursing II 69
NGR 6091 Principles of Anesthesiology Nursing I 69
NGR 6092 Regional Anesthesia 69
NGR 6093 Principles of Anesthesiology Nursing II 69
NGR 6094 Principles of Anesthesiology Nursing III 69
NGR 6097 Principles of Anesthesiology Nursing IV 69
NGR 6098 Advanced Anesthesiology Nursing Seminar 69
NGR 6144 Advanced Bioscience for Anesthesiology Nursing I 69
NGR 6145 Advanced Bioscience for Anesthesiology Nursing II 69
NGR 6173 Pharmacology of Anesthesiology Nursing I 69
NGR 6174 Pharmacology of Anesthesiology Nursing II 69
NGR 6270L Anesthesiology Nursing Practicum I 69
NGR 6271L Anesthesiology Nursing Practicum II 69
NGR 6272L Anesthesiology Nursing Practicum III 70
NGR 6273L Anesthesiology Nursing Practicum IV 70
NGR 6274L Anesthesiology Nursing Practicum V 70
NGR 6275L Anesthesiology Nursing Practicum VI 70
NGR 6276L Anesthesiology Nursing Practicum VII 70
NGR 6602C Advanced Nursing Practice II 70
NGR 6603C Advanced Nursing Practice III 70
NGR 6637C Clinical Nurse Specialist II 70
NGR 6711C Clinical Nurse Specialist III 70
NGR 6726 Quality Management for Advanced Nursing Practice 70
NGR 6740 Advanced Nursing Practice Role 70
NGR 6760 Professional Aspects of Anesthesiology Nursing 70
NGR 6772 Clinical Leadership II 70
NGR 6940C Clinical Nurse Specialist Education Practicum 70
NGR 6941C Primary Care Practicum 70
NGR 6942C Clinical Leadership Residency 71
NGR 6970 Nursing Project 71
NGR 6971 Nursing Thesis 71
NGR 7177 Advanced Bioscience 71
NGR 7179 Advanced Pharmacological Management 71
NGR 7796 Practice Management 71
NGR 7797 Role Development in Advanced Practice Nursing 71
NGR 7850 Evidence Based Practice I 71
NGR 7851 Evidence Based Practice II 71
NGR 7871 Healthcare Informatics for Advanced Practice 71
NGR 7946 Residency in Advanced Nursing Practice 71
NGR 7974 Doctoral Project 72
PAD 5385 Public Policy Formation and Implementation 135
PAD 5605 Administrative Law 135
PAD 5700 Public Administration Research Methods 135
PAD 6021 Case Studies in Public Administration 135
PAD 6053 Issues in Public Management 135
PAD 6060 Public Administration in Modern Society 135
PAD 6066 Capstone Seminar 135
PAD 6106 Administrative Behavior in Public Organizations 135
PAD 6142 Management of Nonprofit Organizations 135
PAD 6207 Municipal Finance Administration 135
PAD 6208 Nonprofit Financial Management 135
PAD 6227 Government Budgeting and Finance 135
PAD 6335 Strategic Planning for Public and Nonprofit Organizations 135
PAD 6417 Human Resources for Pub & Nonprofit Mgmt 135
PAD 6436 Ethics: Theory and Practice for Public Administrators 136
PAD 6447 Managing Diversity in Pub & Nonprofit Org 136
PAD 6612 Regulatory Administration 136
PAD 6706 Research Design for Public Administrators 136
PAD 6807 Urban Administration 136
PAD 6836 Comparative Public Administration 136
PAD 6900 Directed Independent Study 136
PAD 6934 Special Topics in Public Administration 136
PAD 6946 Internship in Public Administration 136

PAX 6940 Practicum in Conflict Transformation 178
PCB 5106 Cellular Biology 122
PCB 5314C Marine Ecology 122
PCB 5525 Molecular Genetics 122
PCB 5675 Advanced Evolution 123
PCB 5845 Cellular and Molecular Neuroscience 123
PCB 6236 Advanced Cancer Biology 123
PCB 6446 Ecology of Wetlands 123
PCB 6447 Community Ecology 123
PCB 6685 Population Genetics 123
PCO 6051 Counseling in Community Settings 137
PCO 6056 Health Psychology 137
PCO 6271 Social and Cultural Foundations of Counseling 137
PCO 6311 Psychology of Substance Abuse and Addiction 137
PCO 6317C Individual Evaluation and Assessment 137
PCO 6406C Counseling Theories and Practice 137
PCO 6407C Group Theories 137
PCO 6408C Foundations of Mental Health Counseling 137
PCO 6531 Career and Lifestyle Assessment 137
PCO 6869 Ethical and Legal Issues in Mental Health Practice 137
PCO 6939 Counseling Seminar 137
PCO 6943 Internship 137
PET 6910C Independent Study and Research 184
PHC 5370 Biological Foundations of Public Health 76
PHC 6103 Public Health Practice 76
PHC 6152 Public Health Policy Development 76
PHC 6412 Culture and Health 76
PHC 6450 Community Organization in Public Health Practice 76
PHC 6503 Public Health Assessment 76
PHC 6525 Advanced Concepts of Nutrition and Health 76
PHC 6581 Public Health Assurance 76
PHC 6940 Public Health Capstone 76
PHI 5605 Ethics 132
PHI 5627 Ethics of Sex and Gender 132
PHI 5628 Business Ethics 132
PHI 5634 Bioethics 132
PHI 5668 Ethics East and West 132
PHI 5675 Moral Conflict 132
PHI 5691 Environmental Ethics 133
PHI 5808 Aesthetics 133
PHI 5886 Ethics and Literature 133
PHI 5934 Selected Topics 133
PHI 6125 Ancient Greek Ethics 133
PHI 6405 Philosophy of Science 133
PHI 6425 Philosophy of the Social Sciences 133
PHI 6458 Philosophy of Psychiatry 133
PHI 6907 Directed Independent Study 133
PHI 6936 Advanced Selected Topics 133
PHI 6937 Proseminar I: Practical Philosophy 133
PHI 6938 Proseminar II: Methods in Applied Ethics 134
PHI 6942 Internship in Applied Ethics 134
PHI 6971 Thesis 134
PHM 5056 Death & Dying 134
PHM 5105 Social Philosophy 134
PHM 5305 Political Philosophy 134
PHM 5365 Philosophy of Democracy 134
PHM 5405 Philosophy of Law 134
PHM 6345 Contemporary Political Philosophy 134
PHP 5794 Pragmatism 134
PHT 5005 Professional Practice Issues 65
PHT 5257C Clinical Skills 65
PHT 5806 Clinical Practicum 65
PHT 6110C Gross Anatomy for Physical Therapists 65
PHT 6122C Kinesiology 65
PHT 6153C Human Physiology 65
PHT 6161C Neuroscience I: Clinical Neuroanatomy/ Physiology 65
PHT 6191C Neuroscience II: Motor Control and Learning 65
PHT 6218C Theraputic Modalities 65
PHT 6267C Examination and Intervention 65
PHT 6303C Applied Pathophysiology 66
PHT 6314C Neurology I: Pathology, Examination and Intervention 66
PHT 6318C Orthopedic Physical Therapy I: Extremities 66
PHT 6354C Pharmacology 66
PHT 6606C Clinical Inquiry I 66
PHT 6607C Clinical Inquiry II 66
PHT 6734 Physical Therapy Management of the Integument 66
PHT 6809 Clinical Education Prep I 66
PHT 6819C Clinical Internship I 66
PHT 6916 Projects 67
PHT 6971 Masters Thesis 67
PHT 7009C Differential Diagnosis 67
PHT 7141C Lifespan Geriatrics/Pediatrics 67
PHT 7183C Orthopedic Physical Therapy II: Spine and Occupational Health 67
PHT 7315C Neurology II: Advanced Examination and Intervention 67
PHT 7385C Exercise Physiology/Cardiopulmonary Physical Therapy 67
PHT 7551 Leadership in Physical Therapy 67
PHT 7617C Clinical Inquiry III 67
PHT 7741C Spinal Cord Inj and Prosthetic 67
PHT 7825C Clinical Internship IV 68
PHT 7826C Clinical Internship V 68
PHT 7937 Special Topics in PT 68
PHY 5936 Selected Topics in Physics 124
POS 6095 Intergovernmental Relations 136
POS 6158 Politics and Policy in Local Government 136
PPE 6466 Advanced Personality Theories 138
PSB 6031 Advanced Biopsychology 138
PSY 6216 Research and Program Evaluation 138
PSY 6217 Research Design and Analysis 138
PSY 6908 Directed Individual Study 138
PSY 6910 Supervised Research 138
PSY 6931 Special Topics 138
PSY 6932 Special Topics Seminar in Psych Science 138
PSY 6937 Colloquium in Psychological Research 138
PSY 6971 Thesis 138
PUP 6006 Program Eval for Public & Nonprofit Mgmt 136
PUP 6007 Policy Analysis 136
RCS 5031 Introduction to Rehabilitation Counseling 76
RCS 5080 Medical Aspects of Disability 76
RCS 5108 Pre-Practicum in Rehabilitation Counseling 76
RCS 5220 Rehabilitation Client Assessment 76
RCS 5243 Assessment and Treatment of Addictive Disorders 77
RCS 5450 Introduction to Addictive/Compulsive Disorders: Pharmacological Overview and Etiological Theories 77
RCS 6241 Psychosocial Aspects of Rehabilitation 77
RCS 6250 Dual Diagnosis-Addictive Disorders and/or Psychopathological Disorders 77
RCS 6320 Vocational Development and Placement 77

RCS 6407 Counseling/Develop, Theories and Techniques in Rehabilitation 77
RCS 6500 Introduction to Group Counseling 77
RCS 6642 Case Management in Rehabilitation 77
RCS 6805 Field Practicum in Rehabilitation Counseling 77
RCS 6825 Internship in Rehabilitation Counseling 77
RCS 6845 Clinical Supervision in Rehabilitation Counseling 77
RCS 6930 Seminar in Rehabilitation Certification 77
RCS 6931 Seminar in Substance Abuse and Clinical Management 77
RED 5846 Practicum in Reading 184
RED 6000 Language and Cognitive Foundations for Reading 178
RED 6347 Reading as Communication in Whole Language Classrooms 178
RED 6395 Adv Reading Assessment/Implementation of Reading Programs 179
RED 6546 Diagnosis of Reading Disabilities 179
RED 6548 Remediation of Reading Disabilities 179
RED 6656 Advanced Foundations of Reading 179
RED 6906 Directed Individual Study in Reading 179
REE 6146 Real Property Analysis 91
REE 6906 Directed Individual Study 91
SCE 5465 Science, Technology and Society 184
SCE 6117 Science for Elementary Teachers 179
SCE 6337 Special Methods in Teaching Science 185
SDS 5429 Equity Methods and Resources 191
SDS 5601 Home-School Communication 191
SDS 6000 School and Family: Managing Student Behavior 191
SDS 6014 Organization and Administration of School Counseling 191
SDS 6200 Appraisal Procedures in School Counseling 191
SDS 6310 Career and Lifestyle Development 191
SDS 6602 School and Family Relations 191
SDS 6820 Internship in Counseling 191
SDS 6830 Internship in School Counseling:Counseling/ Coordination of Guidance Services 191
SDS 6831 Management of Resources and Data Analysis 191
SDS 6832 Internship: Career Advising 191
SDS 6905 Directed Independent Study 191
SDS 6940 Practicum in School Counseling 191
SOP 6069 Advanced Social Psychology 138
SSE 6318 Social Studies Methods for Elementary Teachers 179
SSE 6385 Special Methods in Teaching Social Studies 185
STA 5126 Statistical Methods for the Social Sciences 131
STA 6106 Computer-Intensive Methods in Statistics 131
STA 6166 Statistical Methods I 131
STA 6167 Statistical Methods II 131
STA 6205 Design of Experiments 131
STA 6226 Sampling 131
STA 6326 Mathematical Statistics I 131
STA 6446 Probability 131
STA 6505 Categorical Data Analysis 131
STA 6666 Statistical Quality Control 131
STA 6707 Multivariate Methods 132
STA 6908 Directed Individual Study 132
STA 6932 Special Topics in Statistics 132
STA 6938 Seminar in Statistics 132
STA 6940 Statistical Consulting 132
STA 6971 Thesis 132
SYA 6125 Development of Social Theory 138
SYA 6126 Contemporary Social Theory 138
SYA 6305 Quantitative Research Methods I 138
SYA 6308 Population Analysis 138
SYA 6315 Qualitative Research Methods 138
SYA 6455 Quantitative Research Methods II 139
SYA 6657 Evaluation and Program Analysis 139
SYA 6909 Directed Independent Study 139
SYA 6938 Special Topics in Sociology 139
SYA 6941 Practicum in Applied Sociology 139
SYA 6975 Masters Thesis 139
SYD 6426 Urban Sociology 139
SYD 6515 Environment and Society 139
SYD 6605 Community and Society 139
SYD 6706 Race Relations 139
SYO 6535 Social Stratification 139
SYO 6545 Organizations and Work 139
SYP 6447 Social Change and Development 139
SYP 6667 Sociological Approaches to Culture 139
SYP 6668 Analysis of Subcultural Perspectives 140
SYP 6735 Sociology of Aging 140
TAX 6045 Tax Research and Writing 91
TAX 6105 Taxation of Business Corporations 91
TAX 6206 Income Tax: Partners 91
TAX 6405 Federal Taxation of Gifts and Estates 91
TAX 6415 Income Taxation of Estates and Trusts 91
TAX 6505 International Taxation 91
TAX 6726 Tax Planning and Principles 91
TAX 6905 Advanced Studies in Taxation 91
TAX 6957 Study Abroad in Taxation 91
TRA 5223 Production, Marketing, Logistics Management 95
TRA 6157 e-Supply Chain Management 95
TRA 6216 Strategic Logistics Management 95
TRA 6725 International Logistics 96
TRA 6905 Directed Individual Study 96
TRA 6935 Special Topics in Logistics 96
TRA 6957 Study Abroad in Transportation and Logistics 96
TSL 6142 ESOL Curriculum Development 179
TSL 6345 Methods of Teaching in ESOL and Bilingual Settings 179
TSL 6350 Grammar for Teachers of ESOL 179
TSL 6440 Assessment in ESOL Settings 179
TSL 6525 Cross-Cultural Communication and Knowledge 179
TSL 6940 TESOL Practicum 179
URP 6058 Urban and Regional Planning 136
ZOO 5235C Advanced Parasitology 123
ZOO 5455C Advanced Ichthyology 123
ZOO 5463C Advanced Herpetology 123
ZOO 5717C Canine Anatomy 123
ZOO 5754C Advanced Histology 123

Important Telephone and Fax Numbers

Area Code for the University is (904) ***TDD available**

University Operator **620-1000**
Office of the President ***620-2500**
Academic Affairs Vice President ***620-2700**
Fax 620-2787
Academic Center for Excellence **620-1012**
Fax 620-1015
Academic Testing, Office of **620-2927**
Fax 620-1090
ADA Compliance Office **620-2870**
Fax 620-2585
Administration and Finance Vice President **620-2002**
Fax 620-2010
African American Student Union **620-2689**
Alumni Services **620-4723**
Fax 620-2139
Aquatic Center **620-2854**
Arena **620-2999**
Assessment Room (Fitness) **620-1081**
Athletics **620-2833**
Fax 620-2836
Athletic Ticketing ..... **620-2473 (or BIRD)**
Auxiliary Services **620-2875**
Fax 620-1040
Bette Soldwedel Gender Research Center **620-1270**
Bookstore **620-2665**
Fax 620-2889
Campus Ministry ..... **620-2814 or 620-2837**
Fax 620-1057
Campus Recreation **620-2998**
Career Services ***620-2955**
Fax 620-2690
Cashier's Office ***620-2472**
Fax 620-1049
Center for Professional Development and Training **620-1707**
Fax 620-1711
Child Development Research Center **620-2372**
Fax 620-2375
CLAST **620-2927**
Fax 620-1090
Club Alliance **620-1470**
Collections **620-1067**
Conduct Office **620-3979**
Fax 620-3922
Continuing Education **620-4200**
Fax 620-4244
Dean's Office 620-4280
Dean's Office Fax 620-4210
Cooperative Education ***620-2955**
Fax 620-2690
Counseling Center **620-2602**
Fax 620-1085
Dining Services **620-2543**
Dining Services Fax 620-2547
Catering Phone 620-3888
Catering Fax 620-1675
Disability Resource Center ***620-2769**
Fax 620-3874
Dottie Dorion Fitness Center **620-2853**
English Language Program **620-4281**
Enrollment Services **620-2881**
Fax 620-2421
Equal Opportunity Programs ***620-2507**
Fax 620-1004
Facilities Planning **620-2016**
Fax 620-2020
Florida/West Africa Institute (FLAWI) **620-1950**
Fax 620-1790
Graduate School **620-1360**
Fax 620-1362
GRE, PRAXIS & TOEFL Testing **620-1973**
Greek Life **620-2526**
Fax 620-1705
Hayt Golf Learning Center **620-2050**
Health Promotion **620-1570**
Fax 620-1578
Honors Program **620-2649**
Fax 620-3896
Housing Office ***620-4663**
Fax 620-4670
Human Resources ***620-2903**
Fax 620-2742
ID Osprey 1Card **620-4000**
Fax 620-1040
Information Technology Services **620-2820**
Fax 620-2895
Student Computer Lab 620-2826
Help Desk 620-4357
Institute of Police Technology and Management **620-4786**
Fax 620-2453
Institutional Advancement Vice President **620-2100**
Fax 620-2109
Intercultural Center for PEACE ***620-2475**
Fax 620-3870
International Center **620-2657**
Fax 620-3925
International Students **620-2657**
Fax 620-3925
Interpreter, University ***620-2769**
Intramurals **620-2646**
Fax 620-2763
LGBT Resource Center **620-2939**
Library Reference Department **620-2616**
Hours Open Message 620-2717
Fax 620-2613
Marketing and Publications **620-2140**
Fax 620-2149
Media Relations and Events **620-2125**
Fax 620-2149
Medical Compliance **620-2175**
Fax 620-2901
Nature Trails **620-1810**
Navy ROTC **256-7480**
Ombudsman for Students **620-1577**
Fax 620-1705
Osprey Productions **620-2460**
Fax 620-2433
One Stop Student Services **620-5555**
Fax 620-5525
Parent and Family Programs **620-1567**
Fax 620-2644
Parking Services **620-2815**
Fax 620-1024
Police, Campus
Director's Office 620-1020
Emergency *911
Fax 620-2806
Detective Division 620-1021
Non-emergency 620-2800
Radio Station (WOSP - Osprey Radio) **620-2908**
Fax 620-1560
Recycling **620-2938**
Reentry Program **620-1340**
Research and Sponsored Programs **620-2455**
Fax 620-2457
Residence Life ***620-5433**
Fax 620-4670
Robinson Center Information Desk **620-1084**
Spinnaker (Campus Newspaper) **620-2727**
Fax 620-3924
Sports Clubs **620-2998**
Student Activities ***620-2525**
Fax 620-1705
Student Affairs Vice President ***620-2600**
Fax 620-2644
Student Conduct Office ***620-3979**
Fax 620-3922
Student Game Room **620-1084**
Student Government ***620-2750**
Fax 620-1005
Student Medical Services ***620-2900**
Fax 620-2902
Student Life ***620-2525**
Fax 620-1705
Student Organizations **620-2569**
Study Abroad **620-2657**
Fax 620-3925
Television (OspreyTV) **620-2260**
Testing, Office of Academic **620-2927**
Fax 620-1090
Ticket Box Office **620-2878**
Fax 620-2629
TSI/Foundation Accounting **620-2790**
Fax 620-2791
Undergraduate Academic Enrichment Program **620-1095**
Fax 620-1096
University Center **620-4222**
Fax 620-4223
Victim Advocate ..... **620-1010 (24-hr crisis helpline)**
Fax 620-2527
Volunteer Center **620-2755**
Fax 620-1005
Women's Center ***620-2528**
Fax 620-2527